

Bridges and Tunnels Committee Meeting

March 2016

Committee Members

A. Cappelli, Chair
F. Ferrer, MTA Vice Chairman
J. Banks
J. Kay
M. Pally
P. Trottenberg
E. Watt
N. Zuckerman

Bridges & Tunnels Committee Meeting

2 Broadway, 20th Floor Board Room

New York, NY 10004

Monday, 3/21/2016

12:00 - 12:30 PM ET

1. Public Comments Period

2. Approval of Minutes - February 2016

BT Committee Minutes - February 2016 - Page 3

3. Approval of Committee Work Plan

BT Committee Work Plan - Page 11

4. Report on Operations - January 2016

BT Report on Operations - January 2016 - Page 18

5. Safety Report - January 2016

BT Safety Report - January 2016 - Page 31

6. E-ZPass Performance Report - January 2016

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

7. Financial Report - January 2016

BT Financial Report - January 2016 - Page 39

8. Capital Program Project Status Report

BT Capital Program Project Status Report - Page 53

9. Procurements

BT Procurements - March 2016 - Page 67

BT Competitive - March 2016

BT Competitive - March 2016 - Page 70

10. Annual Procurement Contracts Report - Fiscal Year 2015 (Under Separate Cover)

Date of next meeting: Monday, April 18, 2016 at 11:30 am



Bridges and Tunnels

Minutes of Committee Meeting February 2016

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

February 22, 2016

11:30 a.m.

In attendance were the Honorable:

Allen P. Cappelli, Chairman
Fernando Ferrer, MTA Vice Chairman
Mitchell H. Pally
Polly Trottenberg

Also in Attendance:
Andrew Albert

Donald Spero, Acting President
Pashko Camaj, Acting Vice President of Safety and Health Initiatives
Angelo Cerbone, Assistant Vice President and Controller
Mildred Chua, Acting Vice President and Chief Financial Officer
Sharon Gallo-Kotcher, Vice President Administration
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 Operations
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

February 22, 2016

Minutes of TBTA Committee held February 22, 2016 at 11:30 a.m. A list of those in attendance is attached.

Public Speakers

There were no public speakers.

Minutes

Upon a motion duly made and seconded, the minutes of the Committee Meeting held on January 25, 2016 were approved.

Committee Work Plan

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

Report on Operations

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

In December 2015 there were 25.4 million crossings compared to 24.2 million crossings in December 2014 which is an increase of 4.9%; in 2015 total annual traffic was 297.9 million vehicles, which is 11.5 million or 4.0% more vehicles than 2014 annual traffic; while there was no snowfall in December 2015, there was 1.3 inches of snowfall in December 2014; gas prices averaged \$2.18 per gallon in December 2015, which was \$0.60 lower than December 2014; E-ZPass volume increased in December 2015 by 6.4% as compared to December 2014, while crossings using cash and other payment methods decreased by 3.5%; passenger car travel was up by 5.1%; and other vehicle travel increased by 1.7%. There was a 70% decrease in traffic during the January 23, 2016 weekend blizzard (332,492 crossings) as compared to the same weekend in 2014 (1,122,623 crossings). Compared to the same periods last year, preliminary traffic figures for January 2016 are 5.5% higher.

Safety Report

With regard to the Report on Safety for December 2015, Mr. Camaj referred the Committee to the graphs and charts on pages 32 and 33 of the Committee materials that represent a five year summary of employee accident reports, lost time injuries, customer collisions, injury collisions and contractor injuries. Compared to 2014 the number of employee accident reports in 2015 decreased 19.6%, the lost time injuries for the year decreased 26.2%, the total customer collision rate increased by 5.0%, the injury collision rate increased by 4.3%, and the contractor lost time injury rate decreased by 3.3%.

Customer Environment Survey – Fourth Quarter 2015

During the Fourth Quarter of 2015, Mr. Parisi reported the following:

- TBTA striped 149,877 linear feet of roadway and for 2015 roadway striping totaled over 520,000 linear feet.
- TBTA repaired 661 potholes and for 2015 pothole repair totaled 4,007 as compared to 5,088 repaired in 2014. Nearly 1,000 potholes were repaired in the first seven weeks of 2016 as a result of the freeze-thaw cycles.
- TBTA swept 4,129 miles of roadway and for 2015 roadway sweeping totaled 12,601 miles.
- Over 90% of the 7,579 roadway/aviation/navigation and necklace lights were operational at TBTA facilities in 2015, which was nearly identical to 2014.

- TBTA maintained and cleaned 511 storm drains and for 2015 storm drain maintenance and cleaning totaled 2,139.
- Based on optimal performance of E-ZPass equipment and the percentage of available lanes, E-ZPass toll lane availability remained high at 99.97% for 2015.

E-ZPass Performance Report

With regard to the E-ZPass Performance Report for December 2015, Mr. Spero stated that the E-ZPass market share was 85.7% or 1.2% higher than the prior December. He also stated that the highest one day E-ZPass market of 89.5% occurred on February 10, 2016. A total of 18,816 E-ZPass accounts were opened in December, including 9,269 E-ZPass On-the-Go accounts, which is 49.2% of the total number of accounts opened for the month. Since the On-the-Go program began, more than 698,000 tags have been sold in TBTA toll lanes.

Finance Report

Mr. Spero stated that through December 2015, TBTA toll revenue was \$1.809 billion, which is \$16.632 million or 0.9% higher than the final estimate. Traffic for 2015 was 1.0% higher against the final estimate. Preliminary January traffic results, despite the January 23, 2016 weekend blizzard, were up 2.3% against plan and revenue was up \$3.0 million or 2.3% against the budget. Year-to-year traffic was up 4.0% and January results are also 5.9% up from last year. Total expenses through December were \$473.334 million, which is \$40.273 million or 7.8% lower than the final estimate. Non-labor spending was \$23.345 million or 9.7% below plan due to timing of expenses. Labor expenses were \$16.928 million or 6.2% lower than plan due primarily to vacancies. Overtime was \$5.062 million or 18.2% below plan. Total support to mass transit was \$1.125 billion, which was \$87.577 million or 8.4% better than plan. Commissioner Albert asked whether there has been any change with regard to AET violations at the Henry Hudson Bridge. Mr. Spero responded that there has been no change but we could begin to see a reduction in violations going forward, starting in April or May with the implementation of the newly adopted New York State Department of Motor Vehicles regulation. Finally, Mr. Spero discussed a graph on page 62 of the Committee materials showing 2004 to 2015 total paid traffic. Commissioner Pally commented that the graph was interesting because it was a reflection on the region, economy, gas prices, E-ZPass and modernization of TBTA facilities.

2015 TBTA Operating Surplus – Action Item

Mr. Spero introduced eight resolutions associated with transferring the 2015 TBTA Operating Surplus as follows:

- Resolutions to certify and transfer \$750,716,715 in 2015 operating surplus to the MTA and New York City Transit pursuant to Public Authorities Law §1219-a(2)(b);
- Resolutions to transfer the 2015 Investment Income of \$182,604 to the MTA pursuant to Public Authorities Law §569-c;
- Resolutions to deduct from FY 2016 operating revenues of TBTA the amount of \$26,880,799 to be deposited into a Necessary Reconstruction Reserve, which was adopted by a Board Resolution on March 29, 1968. Money credited to the Reserve will be applied to the payment of the cost and expense of current and anticipated necessary construction of TBTA facilities; and
- Pursuant to the Public Authorities Law, Resolutions to advance monthly the FY 2016 TBTA surplus to the MTA and New York City Transit in an aggregate amount not to exceed 90% of the estimate of the sum of that month's operations, if available, with the first \$1.8 million going to New York City Transit and the remaining sum split 50% to New York City Transit (less applicable bond service) and 50% to MTA (less applicable bond service).

Upon a motion duly made and seconded, the transfer of TBTA Operating Surplus was approved.

A copy of the documents and details of the above items are filed with the minutes of the meeting of the TBTA Committee held this day.

2016 Adopted Budget and Financial Plan 2016-2019

Mr. Spero referred the Committee to the 2016 Adopted Budget and Financial Plan 2016-2019 contained in the Committee materials, which include schedules detailing the monthly allocation for the purpose of reporting actual results on a monthly basis to the Board. He also stated that the 2016 Adopted Budget and Financial Plan 2016-2019 is essentially the same as what was adopted by the Board in December 2015. There were no questions from the Committee Members.

Capital Program Status Report

With regard to the Capital Program Status Report for January 2016, Mr. Keane stated in 2016 TBTA plans to commit \$105.5 million in commitments through 76 tasks. TBTA also plans to complete 10 projects with a cumulative value of \$146.4 million. In January 2016, there were 12 commitments made with a total value of \$4.2 million. There were no planned or completed projects in January. There were four (4) task level closeouts in January with a total value of \$33.4 million.

Procurements

Mr. Masterson stated that there are four (4) procurements totaling \$27.627 million.

Non-Competitive Procurements

Mr. Masterson stated that there is one (1) non-competitive procurement in the amount of \$22.9 million that is an agreement between TBTA and New York City Department of Transportation regarding preparatory work for a future direct connector ramp between the Robert F. Kennedy Bridge Manhattan ramp and the Harlem River Drive.

Non-Competitive Purchases and Public Work Contracts

New York City Department of Transportation	Contract No. MOA-HBM-1027 Construction of a partial foundation for a future ramp that would permit traffic to go directly from the Robert F. Kennedy Bridge (RFKB) to the northbound Harlem River Drive by agreement between the Authority and NYCDOT.	\$22,900,000.00
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Competitive Procurements

Mr. Masterson stated that there are three (3) competitive procurements totaling \$4.727 million as follows:

- One personal service contract for Commercial Driver's License training for both TBTA maintenance employees and certain New York City Transit employees for \$1,338,025;
- One discretionary procurement for a miscellaneous service to provide expert assistance in preparing and developing civil service examinations which are administered by DCAS for Bridge and Tunnel maintainers in the amount of \$56,400; and

- One procurement modification for the development and implementation of an All-Electronic Tolling Pilot Program at the Cross Bay and Marine Parkway Bridges and for updates to the software of the existing Toll Registry System at all TBTA facilities in the amount of \$3,332,876.

Personal Service Contracts

Commercial Driver Training, Inc.	Contract No. PSC-15-2975	\$1,281,265.00 - B&T
	Provide all labor, material and equipment necessary for Commercial Driver License (CDL) Training for Maintenance employees of B&T and MTA New York City Transit (NYCT).	\$ <u>56,760.00</u> - NYCT
		\$1,338,025.00

Miscellaneous Service Contracts

Catherine S. Cline, Ph.D.	Contract No. PSC-15-2979	\$56,400.00
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B&T requires the services of an Occupational-Industrial Psychologist to provide expert assistance in preparing and developing civil service examinations administered by New York City Department of Citywide Administrative Services (DCAS) under the skilled trade Bridge and Tunnel Maintainer Level I, Level II and Level III tests. The groups of employees known as Bridge and Tunnel Maintainers (Maintainers) are typically a technical class of positions responsible for the maintenance, repair and operation of various B&T facilities and equipment. There are three assignment levels. The Consultant shall perform an analysis of the three levels of Maintainer positions and validate the selection procedures.

The service requirements were publicly advertised as a Discretionary Procurement on the MTA website, the NYS Contract Reporter, local newspapers and sent to advocacy groups recommended by MTA DDCR. On December 10, 2015 two firms Catherine S. Cline, Ph.D. (Cline) and Applied Personnel Research (Applied) submitted proposals. The proposals were evaluated against established criteria set forth in the RFP including record of performance of firm, qualifications of firm for specific personnel proposed, depth of understanding of project and related problems, level of expertise and cost. Based on the committee's review of all the proposals, it unanimously selected Cline

based on her: (i) extensive record of working with other NYC government agencies (Fire Department of NY, NYC Parks and DCAS) on civil service exams; (ii) clear and solid understanding of B&T's scope of work; (iii) comprehensive technical approach to performing the work and (iv) skilled and qualified personnel with a high level of expertise in the required field. Applied has limited knowledge of the civil service exam process and failed to demonstrate a strong knowledge of the overall requirements. The committee unanimously waived oral presentations and recommended that negotiations be conducted with Cline, the highest rated proposal and the lowest cost. On January 14, 2016 the Authority commenced negotiations with Cline. Negotiations resulted in a final amount of \$546,400. The negotiated rates are fixed for the three years which is 31% less than the Authority's estimate of \$81,900. Cline is deemed to be a responsible consultant. This award is classified as a *Discretionary Procurement* whereby the proposer must either be a New York State certified Minority or Women Owned Enterprise or Small Business Concern. There are no recommended alternatives. B&T does not possess the resources required to perform these services.

Modifications to Miscellaneous Procurement Contracts

Schneider Electric Mobility NA, Inc.	Contract No. 14-OPS-2924X Amend contract to include additional work (i) to initiate an All-Electronic Tolling (AET) pilot project at the Cross Bay Bridge (CBB) and Marine Parkway Bridge (MPB) and (ii) update the software for the toll registration system.	\$3,332,876.00
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Upon a motion duly made and seconded, the Committee approved and moved to the Board the non-competitive and competitive procurements.

Ratifications

Mr. Masterson stated that there are no ratifications.

Commissioner Albert commented on the future ramp from the Robert F. Kennedy Bridge to the northbound Harlem River Drive and asked whether a similar southbound ramp was contemplated. Mr. Keane responded that there already is an existing southbound connector that is original to the Bridge.

Diversity Report Fourth Quarter 2015

Ms. Moore stated that TBTA's overall 2015 workforce composition included 51 new hires: 25% were females and 59% were Minorities. While TBTA continues to address underrepresentation of females in the Officials and Administrators job category and Hispanics in the Administrative Support and Service Maintenance job categories, it experienced an increase in female hiring in the categories of Professional, Technical and Protective. With regard to EEO and Title VI complaints, Ms. Moore stated that TBTA's 2015 year-end EEO caseload included a total of 15 EEO complaints – 11 active internal complaints and four (4) active external complaints and five (5) complaints were closed. There were no reported Title VI complaints. Ms. Moore also discussed a recent M/WBE outreach event for "As Needed" engineering design contracts and an African American History Month diversity event.

Adjournment

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

Respectfully submitted,



Julia R. Christ
Acting Assistant 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

April 2016

Final Review of 2015 Year-End Operating Results

Planning & Budget

May 2016

Customer Environment Survey – 1st Quarter 2016
Diversity Report – 1st Quarter 2016

Operations
EEO

June 2016

No items scheduled.

July 2016

No items scheduled.

August 2016

No meeting scheduled.

September 2016

Customer Environment Survey – 2nd Quarter 2016
2017 Preliminary Budget
Diversity Report – 2nd Quarter 2016

Operations
Planning & Budget
EEO

October 2016

2017 Preliminary Budget

Planning & Budget

November 2016

Customer Environment Survey – 3rd Quarter 2016
2017 Preliminary Budget
B&T Committee Charter – Review

Operations
Planning & Budget
MTA Board

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

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

APRIL 2016

Final Review of 2015 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 2016

Customer Environment Survey – 1st 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 – 1st Quarter 2016

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

JUNE 2016

No items scheduled.

JULY 2016

No items scheduled.

AUGUST 2016

No meeting scheduled.

SEPTEMBER 2016

Customer Environment Survey – 2nd 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.

2017 Preliminary Budget

Agency will present highlights of the Preliminary Budget to the Committee. Public comment will be accepted on the 2017 Preliminary Budget.

Diversity Report – 2nd Quarter 2016

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

OCTOBER 2016

2017 Preliminary Budget

Public comment will be accepted on the 2016 Preliminary Budget.

NOVEMBER 2016

Customer Environment Survey – 3rd 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.

2017 Preliminary Budget

Public comment will be accepted on the 2016 Preliminary Budget.

B&T Committee Charter - Review

Review and assess the adequacy of the Charter annually.

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.

FEBRUARY 2017 (cont'd)

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.



Bridges and Tunnels

Report on Operations January 2016



MTA Bridges and Tunnels January 2016 Traffic Trends

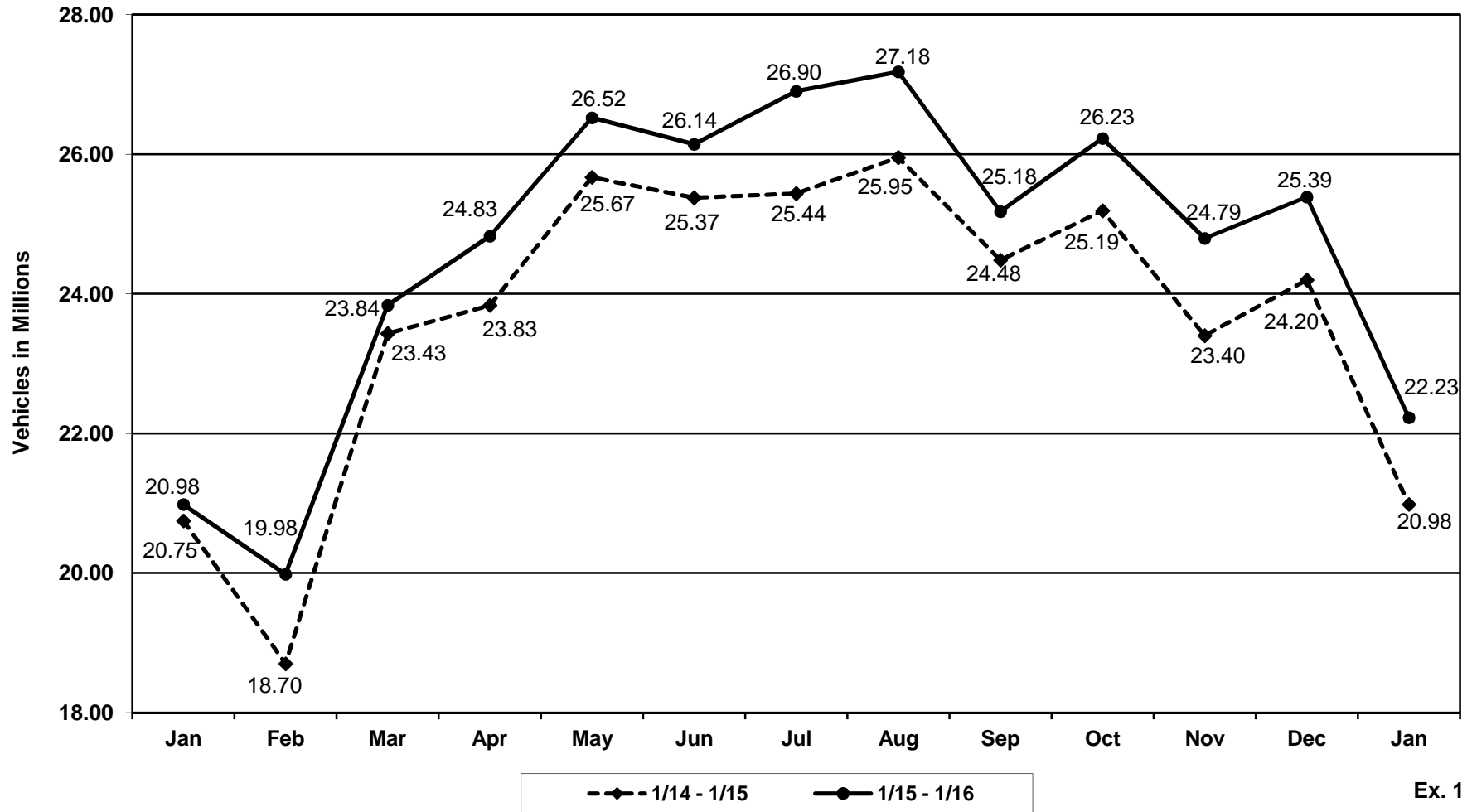
Summary

Traffic was higher on a year-to-year basis, with 22.2 million crossings this month vs. 21.0 million crossings in January 2015 (Exhibit 1).

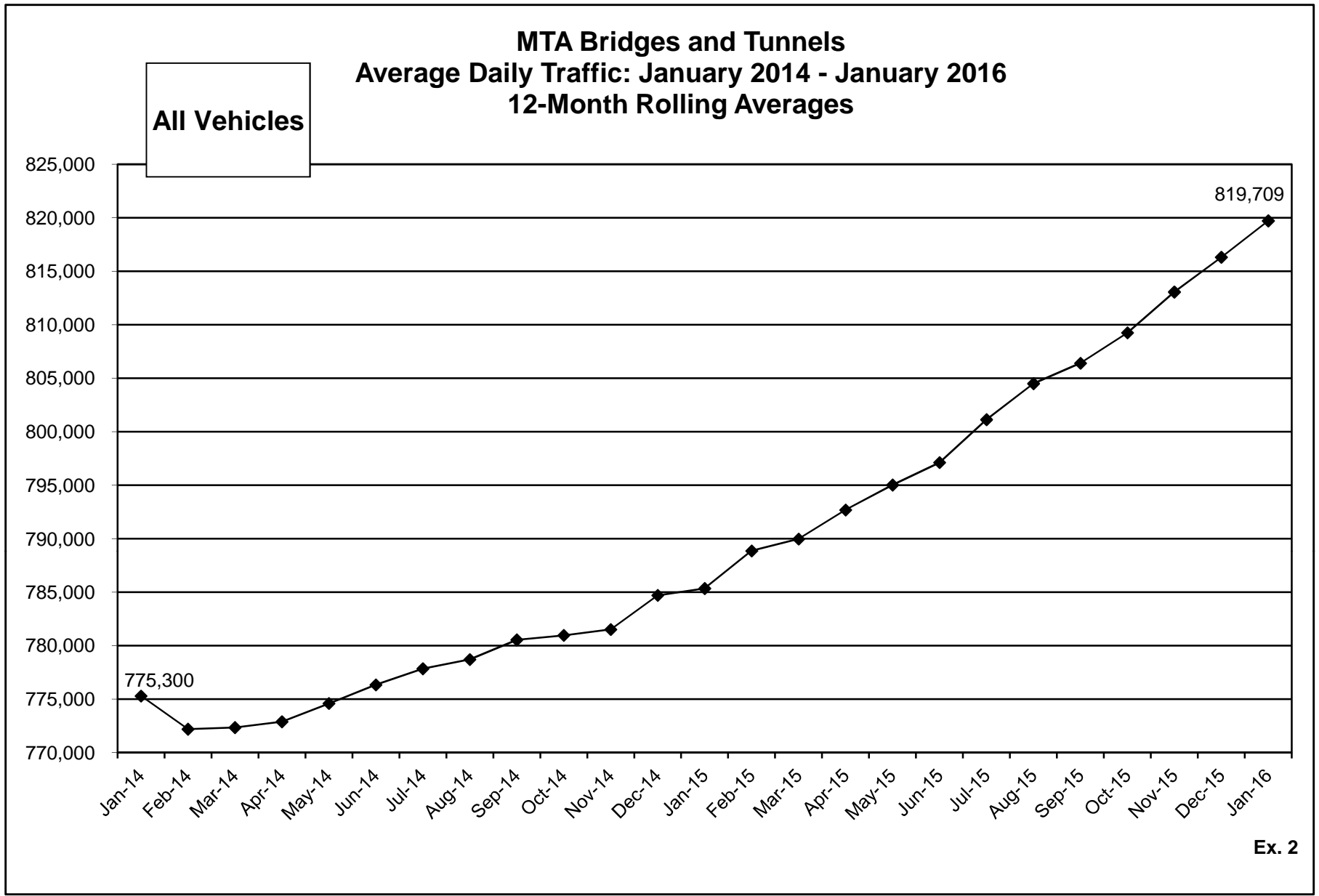
Snowfall was above normal in both 2016 and 2015, with accumulations reaching 28.8 inches this year and 15.5 inches last year, though most of the snow this year occurred during Winter Storm Jonas, while there were several smaller storms last year. Rainfall was a little lower this year, with 4.2 inches falling over 7 days, compared to 4.8 inches over 11 days in 2015. Gas prices averaged \$2.05 per gallon this January, which was \$0.25 less than last year at this time.

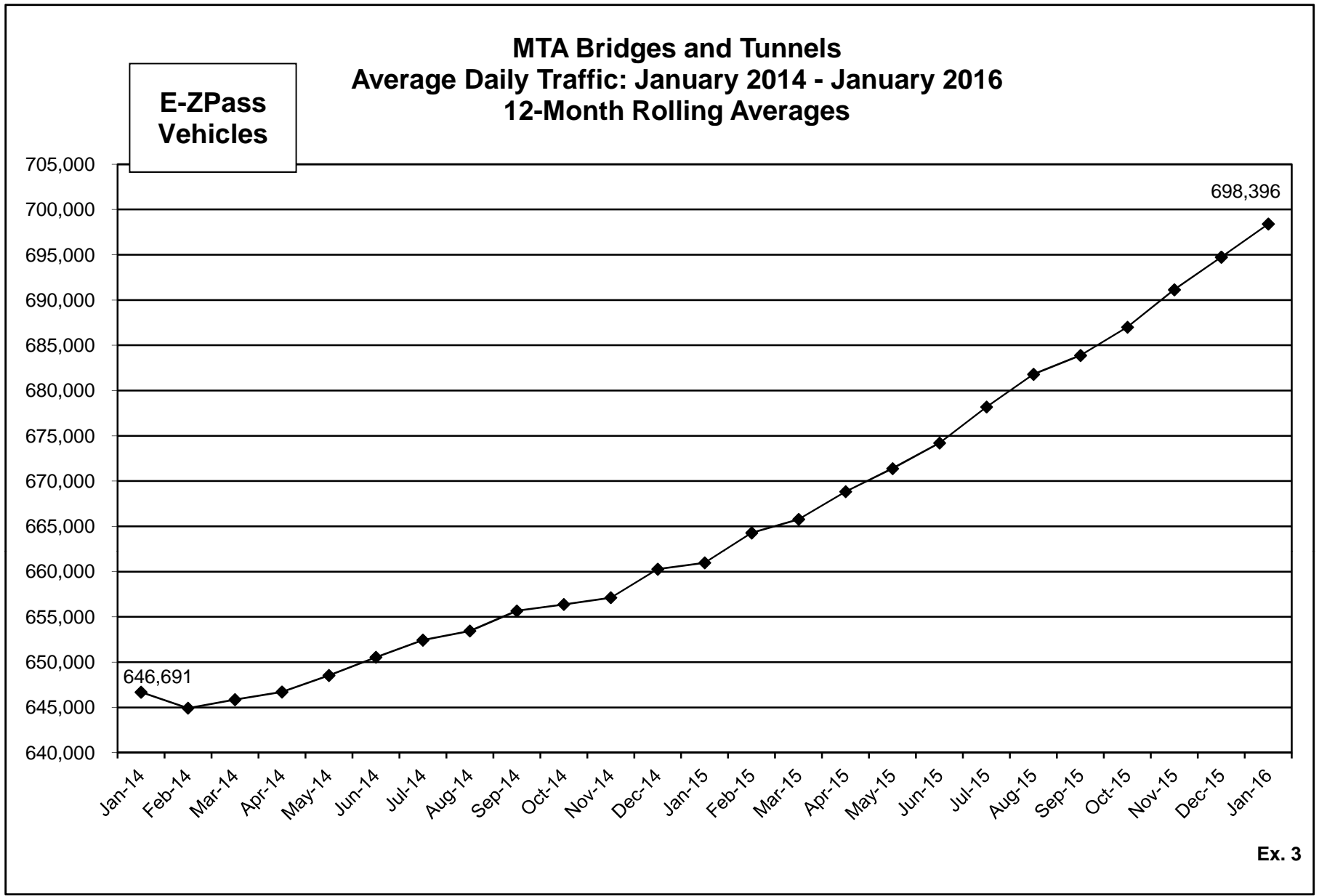
E-ZPass volume increased in January by 7.5% compared to the same month in 2015, while crossings using cash and other payment methods declined by 2.9% (Exhibit 7). Passenger car travel was up 6.2% and other vehicle travel increased 1.8% from January of 2015 (Exhibit 8).

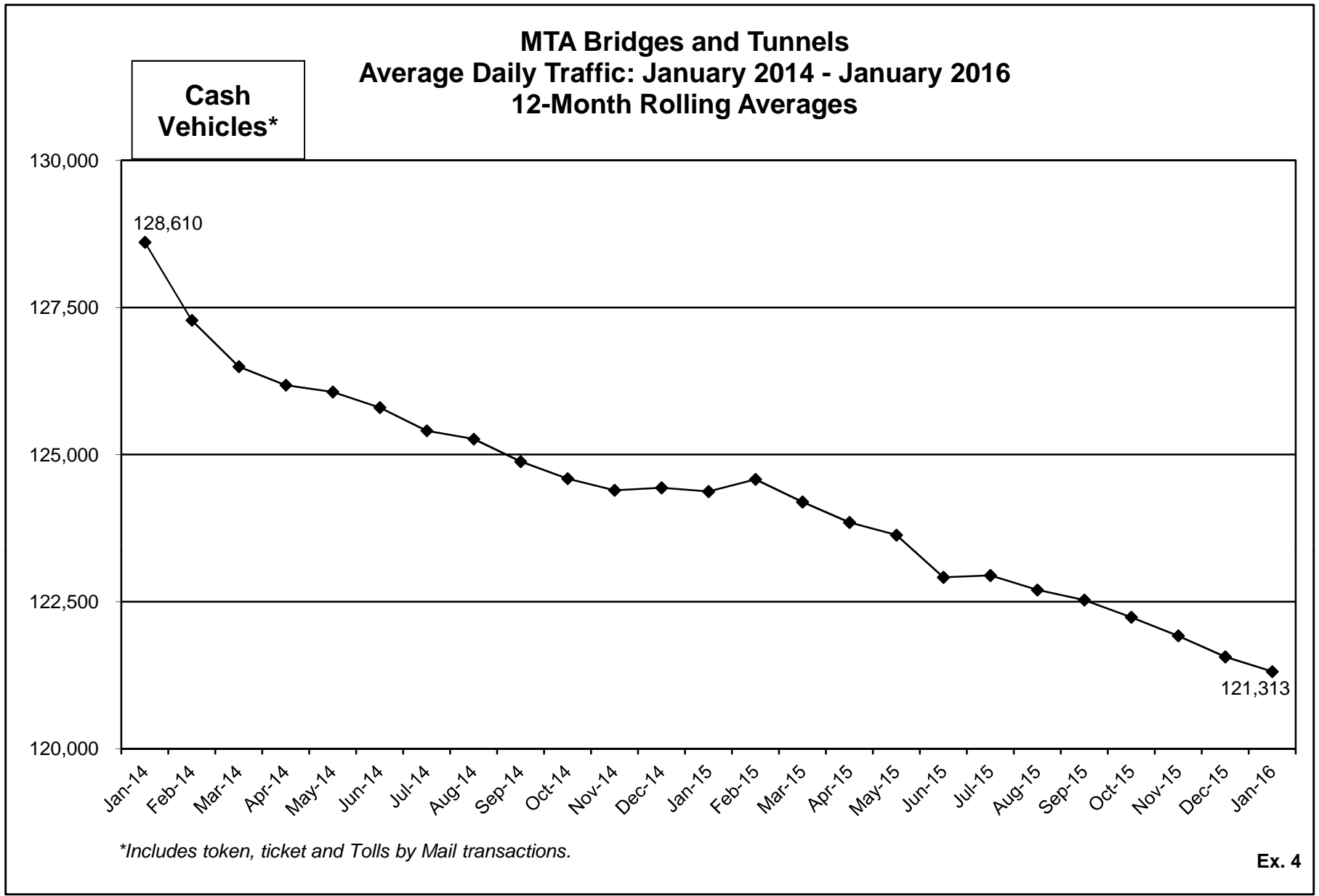
MTA Bridges and Tunnels Traffic Volume - All Facilities Two Years Ending January 2016

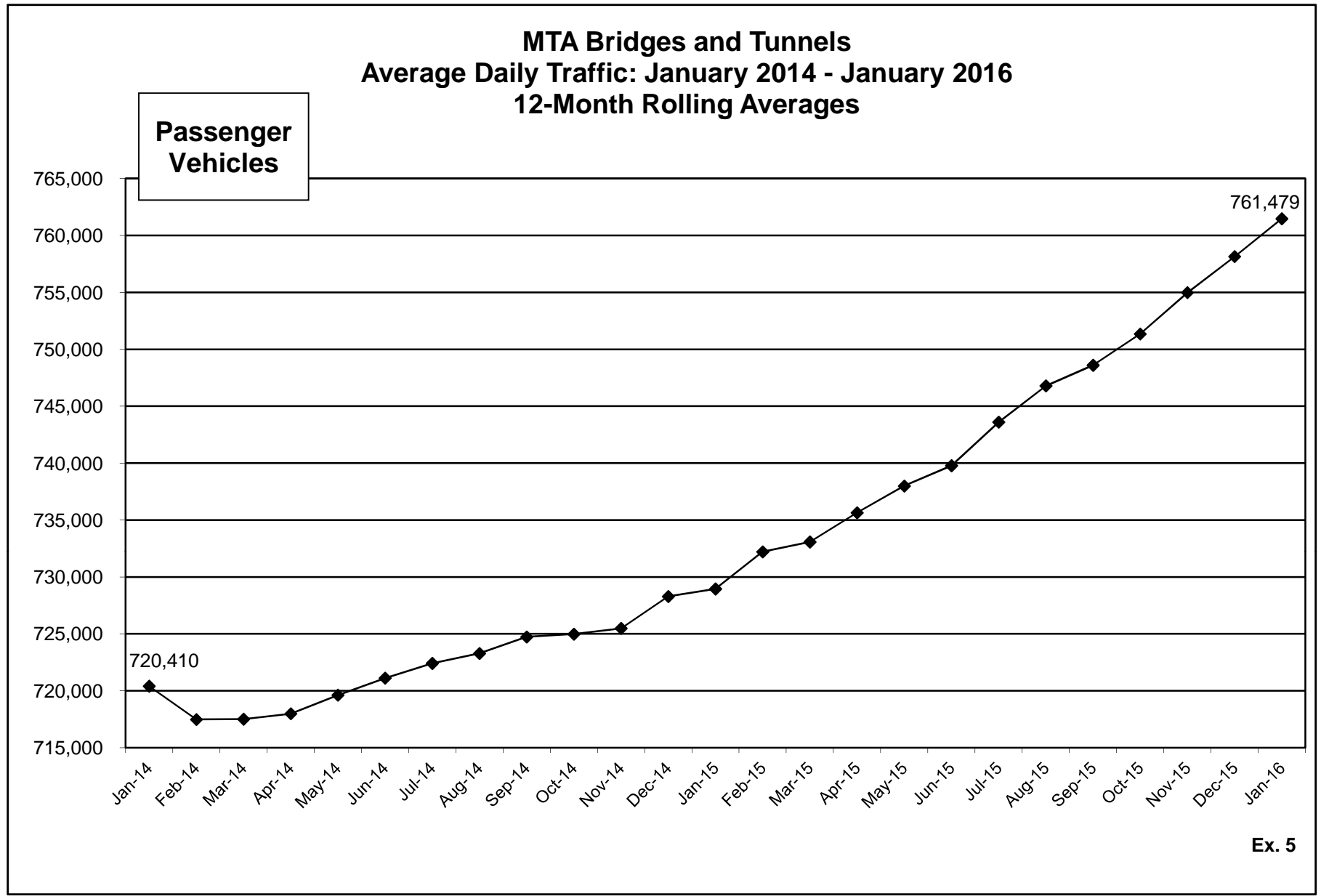


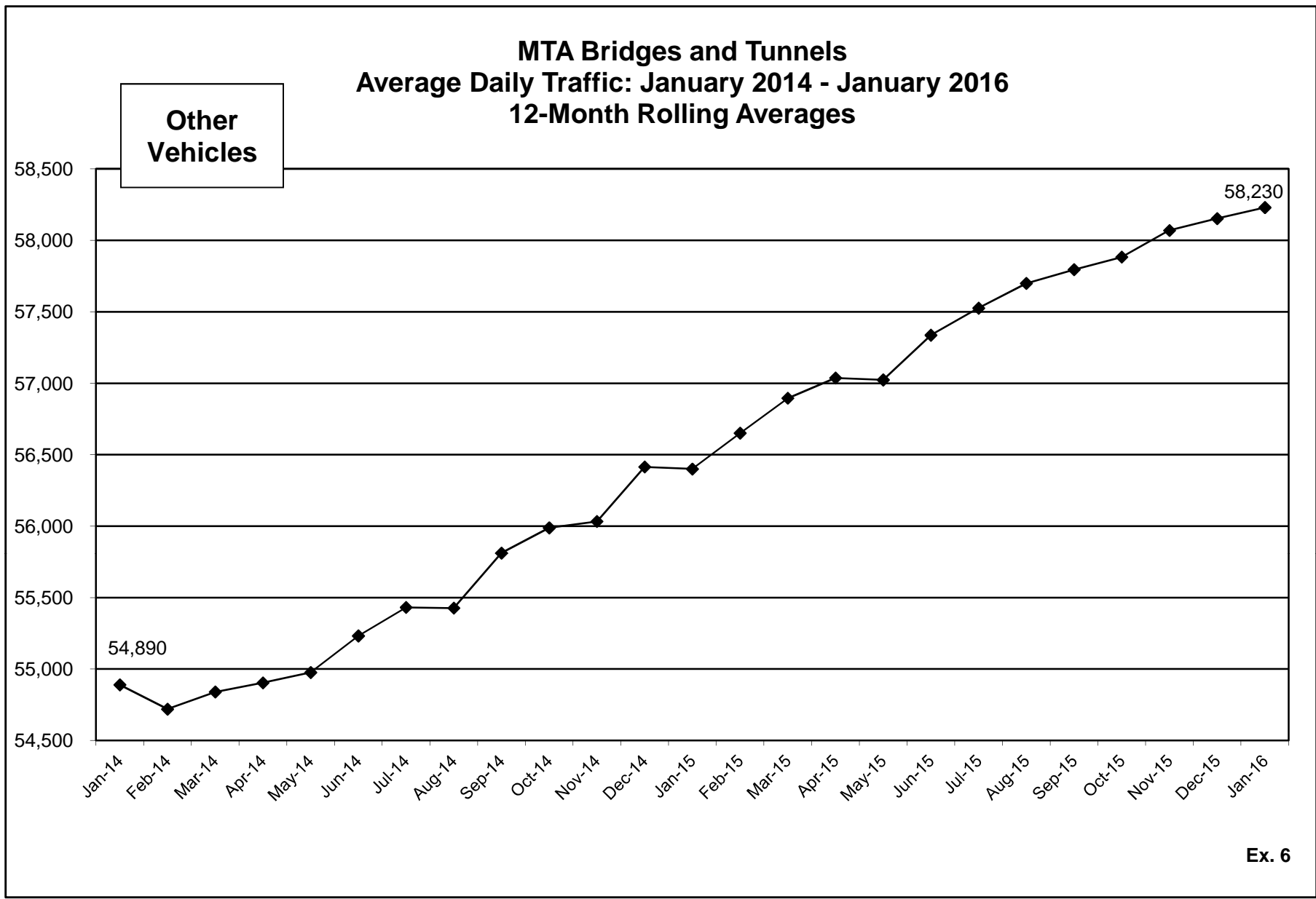
Ex. 1











Ex. 6

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

Corridor	Toll Media	Jan ⁽¹⁾	3 Months ⁽²⁾ (Nov -Jan)	6 Months ⁽³⁾ (Aug-Jan)	9 Months ⁽⁴⁾ (May-Jan)	12 Months ⁽⁵⁾ (Feb-Jan)
All Facilities	Total Vehicles	5.9%	5.6%	4.7%	4.5%	4.4%
	E-ZPass	7.5%	7.2%	6.1%	5.8%	5.7%
	Cash ⁽⁶⁾	-2.9%	-3.2%	-2.6%	-2.6%	-2.5%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	6.9%	6.7%	6.1%	5.8%	5.5%
	E-ZPass	9.0%	8.8%	7.9%	7.6%	7.2%
	Cash ⁽⁶⁾	-1.4%	-1.6%	-0.9%	-1.0%	-1.1%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	4.2%	3.5%	2.4%	2.4%	2.9%
	E-ZPass	5.8%	5.1%	3.8%	3.8%	4.2%
	Cash ⁽⁶⁾	-7.0%	-7.4%	-7.1%	-6.6%	-5.5%
Verrazano-Narrows Bridge	Total Vehicles	5.2%	5.2%	4.2%	3.9%	3.7%
	E-ZPass	6.6%	6.8%	5.6%	5.3%	5.0%
	Cash ⁽⁶⁾	-3.7%	-3.8%	-3.7%	-3.8%	-3.6%
Henry Hudson Bridge	Total Vehicles	10.0%	7.8%	5.8%	5.5%	4.9%
	E-ZPass	9.7%	7.7%	5.6%	5.3%	4.8%
	Tolls By Mail	14.4%	8.7%	8.0%	8.1%	6.5%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	4.6%	6.1%	6.5%	6.0%	5.3%
	E-ZPass	6.3%	7.8%	8.0%	7.5%	6.6%
	Cash ⁽⁶⁾	-6.6%	-5.2%	-2.2%	-2.7%	-2.9%

(1) January 2016 vs. January 2015.

(2) November 2015 to January 2016 vs. November 2014 to January 2015.

(3) August 2015 to January 2016 vs. August 2014 to January 2015.

(4) May 2015 to January 2016 vs. May 2014 to January 2015.

(5) February 2015 to January 2016 vs. February 2014 to January 2015.

(6) Includes tokens and tickets.

Ex. 7

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

Corridor	Vehicle Type	Jan ⁽¹⁾	3 Months ⁽²⁾ (Nov-Jan)	6 Months ⁽³⁾ (Aug-Jan)	9 Months ⁽⁴⁾ (May-Jan)	12 Months ⁽⁵⁾ (Feb-Jan)
All Facilities	Total Vehicles	5.9%	5.6%	4.7%	4.5%	4.4%
	Passenger	6.2%	5.8%	4.9%	4.6%	4.5%
	Other	1.8%	2.6%	2.5%	2.8%	3.2%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	6.9%	6.7%	6.1%	5.8%	5.5%
	Passenger	7.4%	7.0%	6.3%	6.0%	5.6%
	Other	3.0%	4.2%	4.5%	4.6%	4.8%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	4.2%	3.5%	2.4%	2.4%	2.9%
	Passenger	4.5%	3.7%	2.6%	2.5%	3.0%
	Other	0.5%	0.7%	-0.5%	0.2%	1.4%
Verrazano-Narrows Bridge	Total Vehicles	5.2%	5.2%	4.2%	3.9%	3.7%
	Passenger	5.6%	5.6%	4.4%	4.1%	3.9%
	Other	-0.3%	0.5%	1.3%	1.6%	1.9%
Henry Hudson Bridge	Total Vehicles	10.0%	7.8%	5.8%	5.5%	4.9%
	Passenger	9.8%	7.7%	5.7%	5.4%	4.8%
	Other	20.4%	18.8%	18.7%	19.8%	18.3%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	4.6%	6.1%	6.5%	6.0%	5.3%
	Passenger	4.8%	6.5%	7.0%	6.5%	5.7%
	Other	1.6%	0.0%	-1.2%	-2.1%	-1.2%

(1) January 2016 vs. January 2015.

(2) November 2015 to January 2016 vs. November 2014 to January 2015.

(3) August 2015 to January 2016 vs. August 2014 to January 2015.

(4) May 2015 to January 2016 vs. May 2014 to January 2015.

(5) February 2015 to January 2016 vs. February 2014 to January 2015.

Ex. 8

Supplemental Data Page for the Report on Operations

Traffic & Average Gas Price ¹			Weather ²			
<u>Month</u>	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	<u>Precipitation Days</u>
Jan-14	20,747,317	\$3.59	29	2.4	16.7	14
Feb-14	18,701,703	\$3.61	32	4.9	27.8	11
Mar-14	23,431,567	\$3.70	37	3.7	0.4	7
Apr-14	23,834,773	\$3.77	62	8.2	-	9
May-14	25,668,919	\$3.84	64	4.7	-	13
Jun-14	25,374,933	\$3.85	73	3.7	-	7
Jul-14	25,435,425	\$3.84	77	4.0	-	9
Aug-14	25,951,945	\$3.67	76	3.5	-	8
Sep-14	24,481,160	\$3.56	71	1.2	-	6
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	24,793,552	\$2.25	54	1.7	-	5
Dec-15	25,385,215	\$2.18	51	4.3	-	17
Jan-16	22,225,612	\$2.05	36	4.2	28.8	7

Note: Bold numbers are preliminary.

TABLE 2 - Year-over-Year Differences

Traffic & Gas Monthly Inc/(Dec)			Weather Monthly Inc/(Dec)			
<u>Month</u>	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	<u>Precipitation Days</u>
2015 vs. 2014						
January	235,972	(\$1.29)	1	2.4	(1)	(3)
February	1,281,976	(\$1.28)	(8)	(2.9)	(13)	(3)
March	405,078	(\$1.22)	1	0.8	17	7
April	990,284	(\$1.25)	(8)	(6.4)	-	(1)
May	851,703	(\$1.06)	3	(3.1)	-	(7)
June	765,726	(\$0.99)	(2)	1.1	-	5
July	1,465,508	(\$0.99)	2	(0.5)	-	(1)
August	1,228,012	(\$0.99)	3	(1.6)	-	(4)
September	695,621	(\$1.12)	3	1.3	-	0
October	1,035,340	(\$1.07)	(2)	(0.5)	-	(2)
November	1,392,832	(\$0.78)	3	(2.2)	(0)	(3)
December	1,186,599	(\$0.60)	10	(1.8)	(1)	1
2016 vs. 2015						
January	1,242,323	(\$0.25)	6	(0.6)	13	(4)

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

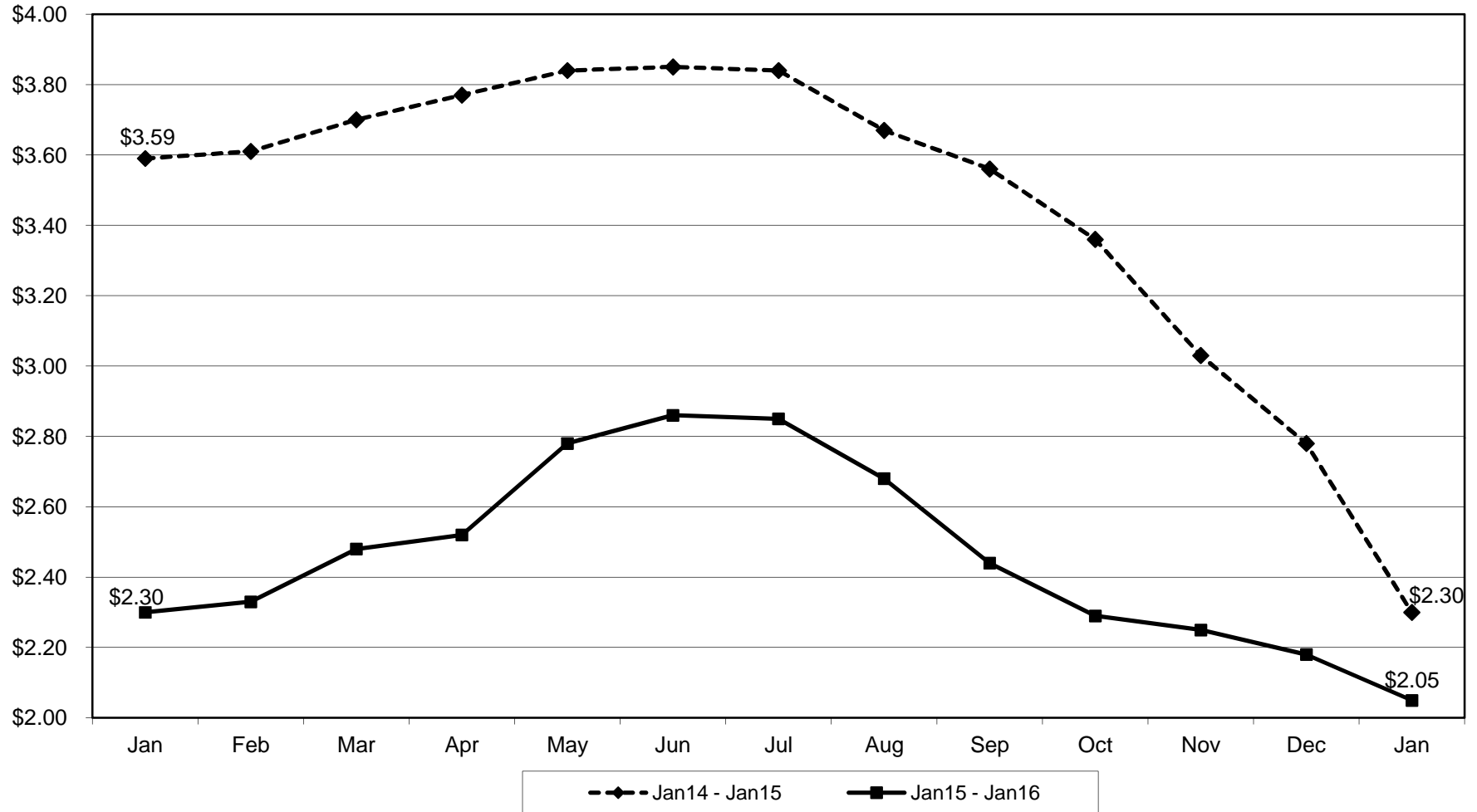
<u>Month</u>	<u>All Vehicles¹</u>	<u>E-ZPass</u>	<u>Cash²</u>	<u>Passenger</u>	<u>Other</u>
Jan-14	775,300	646,691	128,610	720,410	54,890
Feb-14	772,204	644,921	127,282	717,484	54,720
Mar-14	772,356	645,861	126,495	717,516	54,840
Apr-14	772,893	646,713	126,181	717,989	54,904
May-14	774,602	648,539	126,063	719,626	54,976
Jun-14	776,344	650,545	125,799	721,112	55,232
Jul-14	777,848	652,443	125,405	722,417	55,432
Aug-14	778,712	653,447	125,265	723,285	55,427
Sep-14	780,551	655,669	124,882	724,739	55,812
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	813,055	691,134	121,921	754,985	58,070
Dec-15	816,306	694,742	121,564	758,153	58,153
Jan-16	819,709	698,396	121,313	761,479	58,230

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 January 2014 - January 2016





Bridges and Tunnels

Safety Report January 2016

Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	Feb 2014 - Jan 2015	Feb 2015 - Jan 2016	% Change
Customer Collisions Rate for Bridge Customers per Million Vehicles	5.54	5.92	6.9%
Customer Injury Collisions Rate for Bridge Customers per Million Vehicles	0.90	0.99	10.0%
Employee Accident Reports Rate	340	259	-23.8%
Employee Lost Time Injuries Rate per 200,000 worker hours	6.50	4.70	-27.7%
Construction Injuries per 200,000 worker hours	3.21	2.53	-21.2%

Leading Indicators				
Roadway Safety	2015		2016	
	January	Year End	January	Year to Date
Workforce Development	83	1683	47	47
Fleet Preventative Maintenance Insp.	80	1186	70	70
Safety Taskforce Audits	1	12	0	0
Construction Safety	January	Year End	January	Year to Date
Construction Safety Inspections	159	3463	287	287
Fire Safety	January	Year End	January	Year to Date
Fire Code Audits Completed	0	12	0	0
FDNY Liaison Visits	0	23	0	0

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 Audits are conducted by the joint Labor and Management Committee at each facility throughout the year on a rotating basis. The Audit consists of reviewing past accident and incident experiences/reports and facility safety reports. The Taskforce meets with location management and union representatives and make 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 by an independent safety monitor to ensure that the necessary components for a safe construction. 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 NY'S 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 as 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 January 2016



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

E-ZPass Performance at All B&T Facilities			
	January 2016	Year to Date	January 2015
Total E-ZPass Traffic ¹	19,162,757	19,162,757	17,829,042
E-ZPass Market Share: Total	86.2%	86.2%	85.0%
Cars	85.6%	85.6%	84.3%
Trucks	93.8%	93.8%	93.2%

Weekday E-ZPass Performance by Facility²			
Facility	January Average E-Zpass Weekday Traffic and Market Share		
	2016 Average Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	92,479	83.0%	81.8%
Cross Bay Veterans Memorial Bridge	19,080	88.8%	87.3%
Henry Hudson Bridge	60,012	95.0%	95.2%
Hugh L. Carey Tunnel	46,368	92.4%	91.2%
Marine Parkway-Gil Hodges Memorial Bridge	18,320	91.1%	89.8%
Queens Midtown Tunnel	69,664	91.5%	90.3%
Robert F. Kennedy Bridge - Bronx Plaza	61,385	81.1%	79.0%
Robert F. Kennedy Bridge - Manhattan Plaza	74,955	87.9%	86.3%
Throgs Neck Bridge	95,044	87.0%	85.6%
Verrazano-Narrows Bridge ¹	<u>158,770</u>	<u>89.1%</u>	<u>87.9%</u>
All Facilities ¹	696,077	88.0%	86.7%

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
January 2016
Preliminary data subject to final audit

Weekday Peak Hour E-ZPass Performance by Facility³				
Facility	January E-ZPass Market Share			
	2016 AM Peak	2015 AM Peak	2016 PM Peak	2015 PM Peak
Bronx-Whitestone Bridge	88.4%	86.7%	84.0%	82.8%
Cross Bay Veterans Memorial Bridge	92.7%	90.7%	89.5%	87.9%
Henry Hudson Bridge	96.4%	96.3%	94.7%	95.3%
Hugh L. Carey Tunnel	94.7%	94.1%	92.4%	91.4%
Marine Parkway-Gil Hodges Memorial Bridge	93.0%	92.4%	90.9%	90.0%
Queens Midtown Tunnel	93.0%	91.5%	91.5%	90.4%
Robert F. Kennedy Bridge - Bronx Plaza	86.0%	84.2%	82.6%	79.4%
Robert F. Kennedy Bridge - Manhattan Plaza	90.2%	88.8%	88.0%	86.8%
Throgs Neck Bridge	91.5%	90.2%	87.6%	86.2%
Verrazano-Narrows Bridge ⁴	N/A	N/A	91.7%	90.3%
All Facilities	91.2%	89.9%	88.9%	87.7%

Weekend E-ZPass Performance by Facility			
Facility	January Average E-ZPass Weekend Traffic and Market Share		
	2016 Avg. Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	69,240	76.4%	75.2%
Cross Bay Veterans Memorial Bridge	12,151	84.6%	83.4%
Henry Hudson Bridge	41,161	92.8%	93.1%
Hugh L. Carey Tunnel	27,374	88.7%	87.6%
Marine Parkway-Gil Hodges Memorial Bridge	11,024	87.9%	86.5%
Queens Midtown Tunnel	47,601	87.6%	86.4%
Robert F. Kennedy Bridge - Bronx Plaza	44,783	73.9%	71.3%
Robert F. Kennedy Bridge - Manhattan Plaza	46,968	83.1%	81.7%
Throgs Neck Bridge	69,647	81.0%	79.7%
Verrazano-Narrows Bridge ¹	<u>115,093</u>	83.3%	82.3%
All Facilities ¹	485,042	82.4%	81.3%

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
January 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	January 2016 Total B&T E-ZPass Transactions	January 2016 Percentage of B&T Total Transactions	January 2015 Percentage of B&T Total Transactions
New York State Thruway Authority ⁶	1,638,726	8.32%	8.01%
Port Authority of NY and NJ	1,045,180	5.31%	5.33%
New Jersey Toll Agencies ⁷	1,027,746	5.22%	5.59%
Massachusetts Turnpike Authority ⁸	115,366	0.59%	0.59%
Pennsylvania Turnpike Commission	83,065	0.42%	0.39%
Maryland Transportation Authority	33,007	0.17%	0.16%
Virginia Department of Transportation ⁹	25,958	0.13%	0.12%
New Hampshire Department of Transportation	13,447	0.07%	0.07%
Delaware Department of Transportation	14,426	0.07%	0.07%
Other ¹⁰	<u>40,712</u>	<u>0.21%</u>	<u>0.19%</u>
Total	4,037,633	20.51%	20.52%

Other Agency B&T E-ZPass Transactions			
Agency Used By B&T Customers	January 2016	YTD 2016	January 2015
New York State Thruway Authority ⁶	2,431,762	2,431,762	2,235,495
Port Authority of NY and NJ	3,058,644	3,058,644	2,864,370
New Jersey Toll Agencies ⁷	5,237,030	5,237,030	4,532,868
New York State Bridge Authority	234,896	234,896	205,616
Massachusetts Turnpike Authority ⁸	494,010	494,010	426,327
Pennsylvania Turnpike Commission	260,366	260,366	206,642
Maryland Transportation Authority	289,283	289,283	313,378
Virginia Department of Transportation ⁹	164,895	164,895	150,698
New Hampshire Department of Transportation	91,889	91,889	84,561
Delaware Department of Transportation	214,324	214,324	199,401
Other ¹⁰	<u>304,845</u>	<u>304,845</u>	<u>242,039</u>
Total	12,781,944	12,781,944	11,461,395

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
January 2016
Preliminary data subject to final audit

E-ZPass Customer Service Statistics

MTA Bridges and Tunnels Customers				
	January 2016	YTD 2016	YTD 2015	
Accounts Opened:				
Internet	6,203	6,203	5,740	
Walk-In	2,073	2,073	1,829	
Mail	254	254	197	
On-The-Go	<u>7,271</u>	<u>7,271</u>	<u>5,779</u>	
Total Accounts Opened	15,801	15,801	13,545	
Total Active Accounts		3,000,025	2,744,571	
Number of E-ZPass Tags Issued ¹¹	38,365	38,365	34,826	
Total Active Tags ¹²		4,719,377	4,399,542	
Total Reload Cards Distributed	2,112	151,237	114,153	
Reload Card % of Cash Replenishments	16.23%	18.98%	12.99%	

Customer Service Indicators				
	January 2016	YTD 2016	YTD 2015	
Phone Calls Answered by Customer Service Center:				
Customer Service Representatives	237,854	237,854	217,261	
Automated System	<u>554,879</u>	<u>554,879</u>	<u>487,838</u>	
Total Phone Calls Answered	792,733	792,733	705,099	
Average Phone Call Waiting Time (in min.):				
General Call Unit	0.28	0.28	0.34	
Commercial Call Unit	0.48	0.48	1.02	
Avg. Monthly B&T E-ZPass Trips Per Account	5.04	5.04	5.14	
Average Number of Active Tags Per Account	1.57	1.57	1.60	

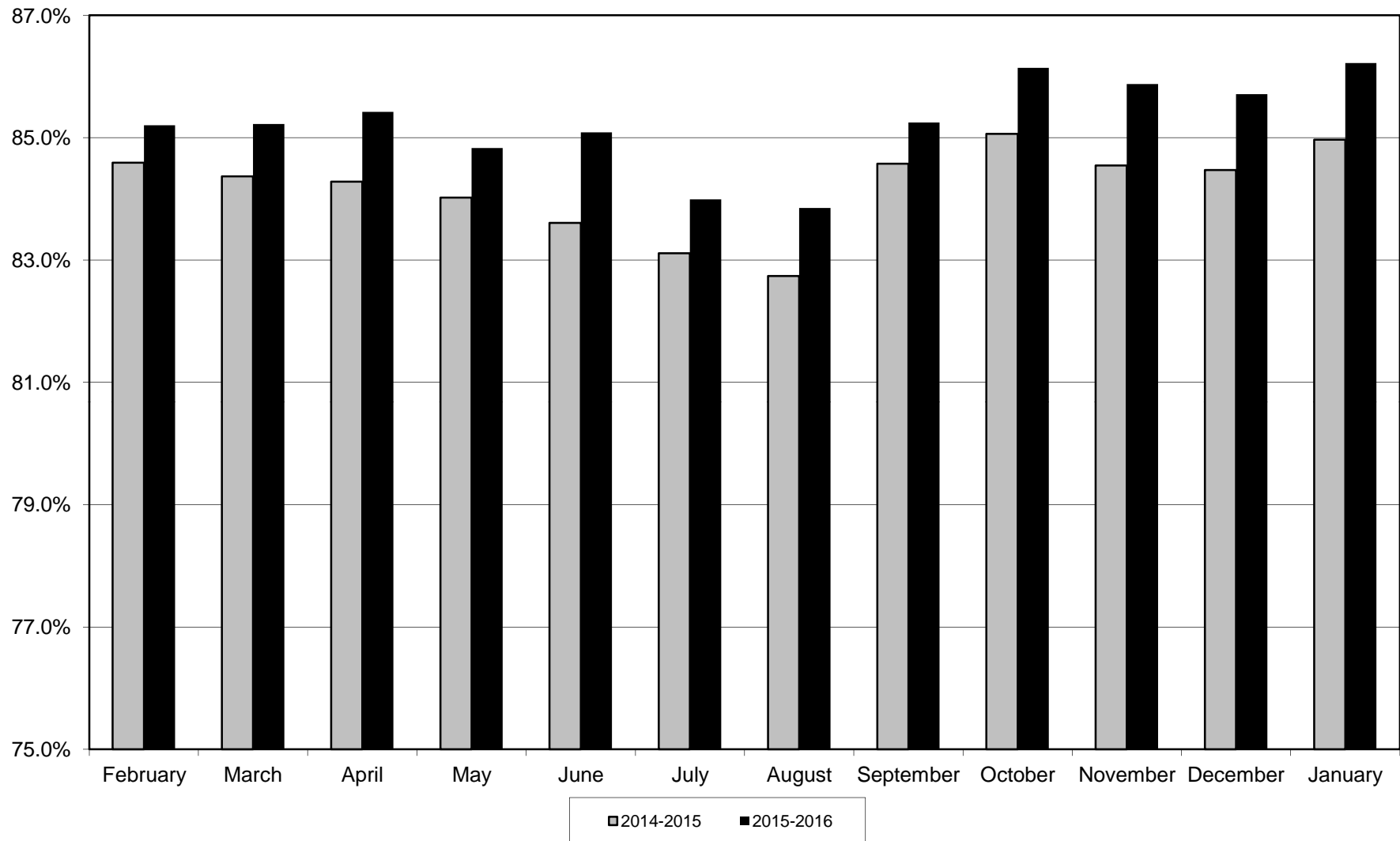
E-ZPass Tag Replacement Program				
	January 2016	YTD 2016	2011-2016	
Number of Replacement Tags Mailed	19,949	20,671	1,856,803	
Number of Tags Returned ¹³	11,182	14,273	1,813,040	
Number of Tags Pending Return	N/A	N/A	43,763	

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
February 2014 through January 2016**





Bridges and Tunnels

Financial Report January 2016



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

(in thousands)

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

Cash-Unrestricted	\$18,527
Investments:	
Unrestricted	143,846
Restricted	911,863
Accrued interest receivable	771
Accounts receivable	15,807
Tolls due from other agencies	27,935
Prepaid expenses	<u>5,233</u>
 Total current assets	 <u>1,123,982</u>

NONCURRENT ASSETS:

Investments:	
Restricted	107,004
Insurance recovery receivable	126,325
Facilities, less acc.dep of \$1,394,151	4,670,258
Capital lease 2 Broadway net acc. dep.	40,954
Derivative Hedge Assets	3,580
Security Deposits	<u></u>
 Total noncurrent assets	 <u>4,948,121</u>

TOTAL ASSETS: 6,072,103**DEFERRED OUTFLOWS OF RESOURCES:**

Pension Assets	83,604
Accumulated decreases in fair value of derivative instruments	160,954
Defeasance costs	<u>158,000</u>

TOTAL DEFERRED OUTFLOWS OF RESOURCES: 402,558**TOTAL ASSETS AND DEFERRED OUTFLOWS
OF RESOURCES**\$6,474,661

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

(in thousands)

LIABILITIES**CURRENT LIABILITIES:**

Current portion-long term debt	\$212,160
Interest Payable	59,454
Accounts Payable	87,285
Payable to MTA-CAP	34,942
Due to MTA-Operating Expenses	4,892
Due to NYCTA-Operating Expenses	671
Accrued salaries	14,513
Accrued Vac & Sick Benefits	18,374
Current portion of estimated liability arising from injury	19,891
Current portion of capital lease obligation	6,117
Pollution remediation projects	1,829
Due to New York City Transit Authority	57,544
Due to Metropolitan Transportation Authority	86,873
Unredeemed Tolls	148,244
Tolls due to other agencies	35,256
E-ZPass Airport Toll Liability	<u>13,151</u>
Total current liabilities	<u>801,196</u>

NONCURRENT LIABILITIES:

Long term debt	9,027,406
Other postemployment benefits other than pensions	583,469
Estimated liability arising from injury	20,669
Capital lease obligations	139,281
Derivative Hedge Liabilities	165,166
Security deposits-Contra	<u> </u>
Total noncurrent liabilities	<u>9,935,991</u>

TOTAL LIABILITIES 10,737,187**DEFERRED INFLOWS OF RESOURCES:****Pension Assets** 291,907**NET POSITION** (4,554,433) ***TOTAL LIABILITIES & NET POSITION** \$6,474,661

*The negative Net Position of \$4,475,319 consists of various fund balances such as surplus monies and purchase of assets on behalf of MTA and NYCTA. The negative balance occurs because the assets are transferred to MTA and NYCTA during the year, and taken off the B&T Statement of Net Position; while the debt to purchase these assets remains as a liability on the Statement of Net Position of B&T.

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
January 2016
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	132.344	135.459	3.116	2.4	0.000	0.000	0.000	-	132.344	135.459	3.116	2.4
Other Operating Revenue	1.924	2.338	0.414	21.5	0.000	0.000	0.000	-	1.924	2.338	0.414	21.5
Capital & Other Reimbursements	0.000	0.000	0.000	-	1.929	1.179	(0.750)	(38.9)	1.929	1.179	(0.750)	(38.9)
Investment Income	0.036	0.029	(0.007)	(18.4)	0.000	0.000	0.000	-	0.036	0.029	(0.007)	(18.4)
Total Revenue	\$134.304	\$137.826	\$3.522	2.6	\$1.929	\$1.179	(\$0.750)	(38.9)	\$136.233	\$139.005	\$2.772	2.0
Expenses												
<i>Labor:</i>												
Payroll	\$11.311	\$10.477	\$0.834	7.4	\$0.819	\$0.433	\$0.385	47.1	\$12.129	\$10.910	\$1.219	10.1
Overtime	2.446	1.685	0.761	31.1	0.130	0.119	0.011	8.7	2.576	1.804	0.772	30.0
Health and Welfare	2.544	1.885	0.659	25.9	0.202	0.101	0.101	50.1	2.746	1.986	0.760	27.7
OPEB Current Payment	1.501	1.433	0.068	4.5	0.000	0.000	0.000	-	1.501	1.433	0.068	4.5
Pensions	3.063	3.177	(0.114)	(3.7)	0.237	0.118	0.119	50.3	3.300	3.295	0.005	0.2
Other Fringe Benefits	2.241	2.124	0.117	5.2	0.114	0.057	0.057	50.2	2.355	2.181	0.174	7.4
Reimbursable Overhead	(0.427)	(0.351)	(0.076)	(17.8)	0.427	0.351	0.076	17.8	0.000	0.000	0.000	-
Total Labor Expenses	\$22.678	\$20.430	\$2.248	9.9	\$1.929	\$1.179	\$0.750	38.9	\$24.608	\$21.609	\$2.999	12.2
<i>Non-Labor:</i>												
Electric Power	\$0.467	\$0.234	\$0.233	49.9	\$0.000	\$0.000	\$0.000	-	\$0.467	\$0.234	\$0.233	49.9
Fuel	0.270	0.000	0.270	100.0	0.000	0.000	0.000	-	0.270	0.000	0.270	100.0
Insurance	1.207	1.149	0.058	4.8	0.000	0.000	0.000	-	1.207	1.149	0.058	4.8
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	6.459	4.338	2.121	32.8	0.000	0.000	0.000	-	6.459	4.338	2.121	32.8
Professional Service Contracts	3.221	5.379	(2.158)	(67.0)	0.000	0.000	0.000	-	3.221	5.379	(2.158)	(67.0)
Materials & Supplies	0.340	0.029	0.311	91.5	0.000	0.000	0.000	-	0.340	0.029	0.311	91.5
Other Business Expenses	3.013	2.260	0.753	25.0	0.000	0.000	0.000	-	3.013	2.260	0.753	25.0
Total Non-Labor Expenses	\$14.977	\$13.389	\$1.588	10.6	\$0.000	\$0.000	\$0.000	-	\$14.977	\$13.389	\$1.588	10.6
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.	\$37.656	\$33.819	\$3.837	10.2	\$1.929	\$1.179	\$0.750	38.9	\$39.585	\$34.998	\$4.587	11.6
Depreciation	\$10.123	\$9.759	\$0.364	3.6	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.759	\$0.364	3.6
OPEB Obligation	6.151	6.151	(0.000)	(0.0)	0.000	0.000	0.000	-	6.151	6.151	(0.000)	(0.0)
Total Expenses after Non-Cash Liability Adjs.	\$53.930	\$49.729	\$4.201	7.8	\$1.929	\$1.179	\$0.750	38.9	\$55.859	\$50.908	\$4.951	8.9
Less: Depreciation	\$10.123	\$9.759	\$0.364	3.6	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.759	\$0.364	3.6
Less: OPEB Obligation	6.151	6.151	(0.000)	(0.0)	0.000	0.000	0.000	-	6.151	6.151	(0.000)	(0.0)
Total Expenses	\$37.656	\$33.819	\$3.837	10.2	\$1.929	\$1.179	\$0.750	38.9	\$39.585	\$34.998	\$4.587	11.6
Net Surplus/(Deficit)	\$96.648	\$104.007	\$7.359	7.6	\$0.000	\$0.000	\$0.000	-	\$96.648	\$104.007	\$7.359	7.6

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
January 2016
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Favorable (Unfavorable)				Favorable (Unfavorable)				Favorable (Unfavorable)			
	Adopted Budget	Actual	Variance	Percent	Adopted Budget	Actual	Variance	Percent	Adopted Budget	Actual	Variance	Percent
Net Income/(Deficit)									\$96.648	\$104.007	\$7.359	7.6
Less: Capitalized Assets									1.494	0.281	1.213	81.2
Reserves									2.240	2.240	0.000	0.0
Adjusted Net Income/(Deficit)									\$92.914	\$101.486	\$8.572	9.2
Less: Debt Service									54.072	50.585	3.487	6.4
Income Available for Distribution									\$38.842	\$50.901	\$12.059	31.0
Distributable To:												
MTA - Investment Income									0.036	0.029	(0.007)	(18.4)
MTA - Distributable Income									24.049	30.350	6.301	26.2
NYCTR - Distributable Income									14.757	20.522	5.765	39.1
Total Distributable Income									\$38.842	\$50.901	\$12.059	31.0
Support to Mass Transit:												
Total Revenues									136.233	139.005	2.772	2.0
Less: Total Operating Expenses									<u>39.585</u>	<u>34.998</u>	<u>4.587</u>	11.6
Net Operating Income/(Deficit)									\$96.648	\$104.007	\$7.359	7.6
Deductions from Net Operating Income:												
Capitalized Assets									1.494	0.281	1.213	81.2
Reserves									2.240	2.240	0.000	0.0
B&T Debt Service									23.456	18.973	4.483	19.1
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$27.190	\$21.494	\$5.696	20.9
Total Support to Mass Transit									\$69.457	\$82.513	\$13.056	18.8

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

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
January Year-To-Date
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	132.344	135.459	3.116	2.4	0.000	0.000	0.000	-	132.344	135.459	3.116	2.4
Other Operating Revenue	1.924	2.338	0.414	21.5	0.000	0.000	0.000	-	1.924	2.338	0.414	21.5
Capital & Other Reimbursements	0.000	0.000	0.000	-	1.929	1.179	(0.750)	(38.9)	1.929	1.179	(0.750)	(38.9)
Investment Income	0.036	0.029	(0.007)	(18.4)	0.000	0.000	0.000	-	0.036	0.029	(0.007)	(18.4)
Total Revenue	\$134.304	\$137.826	\$3.522	2.6	\$1.929	\$1.179	(\$0.750)	(38.9)	\$136.233	\$139.005	\$2.772	2.0
Expenses												
<i>Labor:</i>												
Payroll	\$11.311	\$10.477	\$0.834	7.4	\$0.819	\$0.433	\$0.385	47.1	\$12.129	\$10.910	\$1.219	10.1
Overtime	2.446	1.685	0.761	31.1	0.130	0.119	0.011	8.7	2.576	1.804	0.772	30.0
Health and Welfare	2.544	1.885	0.659	25.9	0.202	0.101	0.101	50.1	2.746	1.986	0.760	27.7
OPEB Current Payment	1.501	1.433	0.068	4.5	0.000	0.000	0.000	-	1.501	1.433	0.068	4.5
Pensions	3.063	3.177	(0.114)	(3.7)	0.237	0.118	0.119	50.3	3.300	3.295	0.005	0.2
Other Fringe Benefits	2.241	2.124	0.117	5.2	0.114	0.057	0.057	50.2	2.355	2.181	0.174	7.4
Reimbursable Overhead	(0.427)	(0.351)	(0.076)	(17.8)	0.427	0.351	0.076	17.8	0.000	0.000	0.000	-
Total Labor Expenses	\$22.678	\$20.430	\$2.248	9.9	\$1.929	\$1.179	\$0.750	38.9	\$24.608	\$21.609	\$2.999	12.2
<i>Non-Labor:</i>												
Electric Power	\$0.467	\$0.234	\$0.233	49.9	\$0.000	\$0.000	\$0.000	-	\$0.467	\$0.234	\$0.233	49.9
Fuel	0.270	0.000	0.270	100.0	0.000	0.000	0.000	-	0.270	0.000	0.270	100.0
Insurance	1.207	1.149	0.058	4.8	0.000	0.000	0.000	-	1.207	1.149	0.058	4.8
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	6.459	4.338	2.121	32.8	0.000	0.000	0.000	-	6.459	4.338	2.121	32.8
Professional Service Contracts	3.221	5.379	(2.158)	(67.0)	0.000	0.000	0.000	-	3.221	5.379	(2.158)	(67.0)
Materials & Supplies	0.340	0.029	0.311	91.5	0.000	0.000	0.000	-	0.340	0.029	0.311	91.5
Other Business Expenses	3.013	2.260	0.753	25.0	0.000	0.000	0.000	-	3.013	2.260	0.753	25.0
Total Non-Labor Expenses	\$14.977	\$13.389	\$1.588	10.6	\$0.000	\$0.000	\$0.000	-	\$14.977	\$13.389	\$1.588	10.6
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.	\$37.656	\$33.819	\$3.837	10.2	\$1.929	\$1.179	\$0.750	38.9	\$39.585	\$34.998	\$4.587	11.6
Depreciation	\$10.123	\$9.759	\$0.364	3.6	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.759	\$0.364	3.6
OPEB Obligation	6.151	6.151	(0.000)	(0.0)	0.000	0.000	0.000	-	6.151	6.151	(0.000)	(0.0)
Total Expenses after Non-Cash Liability Adjs.	\$53.930	\$49.729	\$4.201	7.8	\$1.929	\$1.179	\$0.750	38.9	\$55.859	\$50.908	\$4.951	8.9
Less: Depreciation	\$10.123	\$9.759	\$0.364	3.6	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.759	\$0.364	3.6
Less: OPEB Obligation	6.151	6.151	(0.000)	(0.0)	0.000	0.000	0.000	-	6.151	6.151	(0.000)	(0.0)
Total Expenses	\$37.656	\$33.819	\$3.837	10.2	\$1.929	\$1.179	\$0.750	38.9	\$39.585	\$34.998	\$4.587	11.6
Net Surplus/(Deficit)	\$96.648	\$104.007	\$7.359	7.6	\$0.000	\$0.000	\$0.000	-	\$96.648	\$104.007	\$7.359	7.6

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
January Year-To-Date
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Net Income/(Deficit)									\$96.648	\$104.007	\$7.359	7.6
Less: Capitalized Assets									1.494	0.281	\$1.213	81.2
Reserves									2.240	2.240	0.000	0.0
Adjusted Net Income/(Deficit)									\$92.914	\$101.486	\$8.572	9.2
Less: Debt Service									54.072	50.585	3.487	6.4
Income Available for Distribution									\$38.842	\$50.901	\$12.059	31.0
Distributable To:												
MTA - Investment Income									0.036	0.029	(0.007)	(18.4)
MTA - Distributable Income									24.049	30.350	6.301	26.2
NYCTR - Distributable Income									14.757	20.522	5.765	39.1
Total Distributable Income									\$38.842	\$50.901	\$12.059	31.0
Support to Mass Transit:												
Total Revenues									136.233	139.005	2.772	2.0
Less: Total Operating Expenses									<u>39.585</u>	<u>34.998</u>	<u>4.587</u>	11.6
Net Operating Income/(Deficit)									\$96.648	\$104.007	\$7.359	7.6
Deductions from Net Operating Income:												
Capitalized Assets									1.494	0.281	1.213	81.2
Reserves									2.240	2.240	0.000	0.0
B&T Debt Service									23.456	18.973	4.483	19.1
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$27.190	\$21.494	\$5.696	20.9
Total Support to Mass Transit									\$69.457	\$82.513	\$13.056	18.8

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

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
EXPLANATION OF VARIANCES BETWEEN BUDGET AND ACTUAL ACCRUAL BASIS
(\$ in millions)

			January 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	3.116	2.4%	Higher toll revenue due to 2.3% increase in traffic resulting from favorable trends before and after Winter Storm Jonas	3.116	2.4%	Same as month
Other Operating Revenue	0.414	21.5%	Higher Other Operating Revenue primarily due to higher E-ZPass and other toll administrative fees	0.414	21.5%	Same as month
Investment Income	(0.007)	-18.4%	Minor variance.	(0.007)	-18.4%	Same as month
Payroll	0.834	7.4%	Lower payroll expenses primarily due to vacancies.	0.834	7.4%	Same as month
Overtime	0.761	31.1%	See overtime tables	0.761	31.1%	Same as month
Health and Welfare	0.659	25.9%	Lower expenses primarily due to vacancies and the timing of welfare plan payments	0.659	25.9%	Same as month
OPEB Current Payment	0.068	4.5%	Minor variance.	0.068	4.5%	Same as month
Pensions	(0.114)	-3.7%	Higher non-reimbursable expenses due to lower than allocated capital reimbursement offsets. Total non-reimbursable and reimbursable variance is slightly favorable.	(0.114)	-3.7%	Same as month
Other Fringe Benefits	0.117	5.2%	Lower expenses primarily due to vacancies	0.117	5.2%	Same as month
Electric Power	0.233	49.9%	Lower fuel expenses due to timing against the monthly budget allocation.	0.233	49.9%	Same as month
Fuel	0.270	100.0%	Lower fuel expenses due to timing against the monthly budget allocation.	0.270	100.0%	Same as month
Insurance	0.058	4.8%	Lower fuel expenses due to timing against the monthly budget allocation.	0.058	4.8%	Same as month
Maintenance and Other Operating Contracts	2.121	32.8%	Lower expenses due to timing of major maintenance projects (\$0.741M), E-ZPass Customer Service Center costs (\$0.169M), maintenance of E-ZPass equipment (\$0.158) and other expenses against the monthly budget allocation	2.121	32.8%	Same as month
Professional Service Contracts	(2.158)	-67.0%	Higher expenses due to the timing of bond issuance costs against the monthly budget allocation	(2.158)	-67.0%	Same as month
Materials & Supplies	0.311	91.5%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the monthly adopted budget allocation.	0.311	91.5%	Same as month
Other Business Expense	0.753	25.0%	Lower expenses primarily for Credit Card Fees (\$0.248M) and other expenses across several areas, due to timing against the monthly adopted budget allocation.	0.753	25.0%	Same as month
Depreciation	0.364	3.6%	Minor variance.	0.364	3.6%	Same as month
Other Post Employment Benefits	(0.000)	0.0%	Minor variance.	(0.000)	0.0%	Same as month
Reimbursable						
Capital and Other Reimbursements	(0.750)	-38.9%	Lower capital reimbursements against the monthly budget allocation.	(0.750)	-38.9%	Same as month
Payroll	0.385	47.1%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.385	47.1%	Same as month
Overtime	0.011	8.7%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.011	8.7%	Same as month
Health and Welfare	0.101	50.1%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.101	50.1%	Same as month
OPEB Current Payment	0.000	-	Lower than planned reimbursable expenses against the monthly budget allocation.	0.000	-	Same as month
Pensions	0.119	50.3%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.119	50.3%	Same as month
Other Fringe Benefits	0.057	50.2%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.057	50.2%	Same as month
Reimbursable Overhead	0.076	17.8%	Lower than planned reimbursable expenses against the monthly budget allocation.	0.076	17.8%	Same as month

MTA Bridges and Tunnels
February Financial Plan - 2016 Adopted Budget
Non-Reimbursable/Reimbursable Overtime
(\$ in millions)

	January						January Year-to-Date					
	Adopted Budget		Actuals		Var. - Fav./(Unfav)		Adopted Budget		Actuals		Var. - Fav./(Unfav)	
	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$
NON-REIMBURSABLE OVERTIME												
OPERATIONS & MAINTENANCE												
<u>Scheduled Service</u>	4,577	\$0.326	4,206	\$0.300	372 8.1%	\$0.026 8.0%	4,577	\$0.326	4,206	\$0.300	372 8.1%	\$0.026 8.0%
<u>Unscheduled Service</u>	151	\$0.012	1,224	\$0.097	(1,073) -710.3%	(\$0.085) -708.3%	151	\$0.012	1,224	\$0.097	(1,073) -710.3%	(\$0.085) -708.3%
<u>Programmatic/Routine Maintenance</u>	993	\$0.091	1,871	\$0.171	(878) -88.4%	(\$0.080) -87.9%	993	\$0.091	1,871	\$0.171	(878) -88.4%	(\$0.080) -87.9%
<u>Unscheduled Maintenance</u>	1,208	\$0.110	587	\$0.053	622 51.4%	\$0.057 51.8%	1,208	\$0.110	587	\$0.053	622 51.4%	\$0.057 51.8%
<u>Vacancy/Absentee Coverage</u>	16,228	\$1.196	14,141	\$1.042	2,088 12.9%	\$0.154 12.9%	16,228	\$1.196	14,141	\$1.042	2,088 12.9%	\$0.154 12.9%
<u>Weather Emergencies</u>	3,772	\$0.294	874	\$0.068	2,899 76.8%	\$0.226 76.9%	3,772	\$0.294	874	\$0.068	2,899 76.8%	\$0.226 76.9%
<u>Safety/Security/Law Enforcement</u>	3,137	\$0.228	1,390	\$0.101	1,748 55.7%	\$0.127 55.7%	3,137	\$0.228	1,390	\$0.101	1,748 55.7%	\$0.127 55.7%
<u>Other</u>	116	\$0.011	3,397	\$0.322	(3,281) *	(\$0.311) *	116	\$0.011	3,397	\$0.322	(3,281) -2828.4%	(\$0.311) -2827.3%
<u>*All Other Departments and Accruals</u>		\$0.178		(\$0.469)		\$0.647 363.5%		\$0.178		(\$0.469)		\$0.647 363.5%
Subtotal	30,182	\$2.446	27,687	\$1.685	2,495 8.3%	\$0.761 31.1%	30,182	\$2.446	27,687	\$1.685	2,495 8.3%	\$0.761 31.1%
REIMBURSABLE OVERTIME	1,692	\$0.130	1,846	\$0.119	(154)	\$0.011	1,692	\$0.130	1,846	\$0.119	(154)	\$0.011
TOTAL OVERTIME	31,874	\$2.576	29,533	\$1.804	2,341 7.3%	\$0.772 30.0%	31,874	\$2.576	29,533	\$1.804	2,341 7.3%	\$0.772 30.0%

MTA Bridges and Tunnels
February Financial Plan - 2016 Adopted Budget
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>	372 8.1%	\$0.026 8.0%	Lower than planned expenses	372 8.1%	\$0.026 8.0%	Lower than planned expenses
<u>Unscheduled Service</u>	(1,073) -710.3%	(\$0.085) -708.3%	Higher than planned expenses	(1,073) -710.3%	(\$0.085) -708.3%	Higher than planned expenses
<u>Programmatic/Routine Maintenance</u>	(878) -88.4%	(\$0.080) -87.9%	Higher than planned expenses	(878) -88.4%	(\$0.080) -87.9%	Higher than planned expenses
<u>Unscheduled Maintenance</u>	622 51.4%	\$0.057 51.8%	Lower than planned expenses	622 51.4%	\$0.057 51.8%	Lower than planned expenses
<u>Vacancy/Absentee Coverage</u>	2,088 12.9%	\$0.154 12.9%	Lower than planned expenses	2,088 12.9%	\$0.154 12.9%	Lower than planned expenses
<u>Weather Emergencies</u>	2,899 76.8%	\$0.226 76.9%	Lower than planned expenses	2,899 76.8%	\$0.226 76.9%	Lower than planned expenses
<u>Safety/Security/Law Enforcement</u>	1,748 55.7%	\$0.127 55.7%	Lower than planned expenses	1,748 55.7%	\$0.127 55.7%	Lower than planned expenses
<u>Other</u>	(3,281) *	(\$0.311) *	Higher than planned expenses	(3,281) -2828.4%	(\$0.311) -2827.3%	Higher than planned expenses
<u>*All Other Departments and Accruals</u>		\$0.647 363.5%	Primarily due to adjustments for the 28-day OT payroll lag		\$0.647 363.5%	Primarily due to adjustments for the 28-day OT payroll lag
Subtotal	2,495 8.3%	\$0.761 31.1%		2,495 8.3%	\$0.761 31.1%	
REIMBURSABLE OVERTIME	(154) 0.0%	\$0.011 0.0%	Lower than planned overtime needed on projects eligible for reimbursement from the capital program	(154) 0.0%	\$0.011 0.0%	Lower than planned overtime needed on projects eligible for reimbursement from the capital program
TOTAL OVERTIME	2,341	\$0.772		2,341	\$0.772	

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.

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 JanuaryYear to date ending January 2016**Comparison Current Year vs. Prior Year:**

Prior Year*		Current Year		Percentage Change			Prior Year*		Current Year		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
2.9	\$19.5	3.2	\$22.7	12.1%	16.5%	Bronx-Whitestone	2.9	\$19.5	3.2	\$22.7	12.1%	16.5%
0.6	1.2	0.6	1.3	4.5%	9.4%	Cross Bay	0.6	1.2	0.6	1.3	4.5%	9.4%
1.6	4.7	1.7	5.5	10.0%	15.0%	Henry Hudson	1.6	4.7	1.7	5.5	10.0%	15.0%
1.2	7.3	1.3	8.0	6.8%	10.3%	Hugh L. Carey	1.2	7.3	1.3	8.0	6.8%	10.3%
0.5	1.0	0.5	1.1	4.8%	10.8%	Marine Parkway	0.5	1.0	0.5	1.1	4.8%	10.8%
2.1	12.9	2.1	13.4	0.7%	3.8%	Queens Midtown	2.1	12.9	2.1	13.4	0.7%	3.8%
2.1	15.2	2.2	16.1	1.7%	5.8%	RFK - Bronx	2.1	15.2	2.2	16.1	1.7%	5.8%
2.2	13.4	2.3	14.7	6.1%	9.8%	RFK - Manhattan	2.2	13.4	2.3	14.7	6.1%	9.8%
3.0	22.1	3.1	24.3	5.7%	10.1%	Throgs Neck	3.0	22.1	3.1	24.3	5.7%	10.1%
4.8	26.0	5.1	28.4	5.2%	9.2%	Verrazano-Narrows	4.8	26.0	5.1	28.4	5.2%	9.2%
21.0	\$123.3	22.2	\$135.5	5.9%	9.9%	Total	21.0	\$123.3	22.2	\$135.5	5.9%	9.9%
	\$5.874		\$6.095		3.8%	Revenue Per Vehicle		\$5.874		\$6.095		3.8%

Note: Numbers may not add due to rounding.

*Toll increase implemented March 22, 2015

Comparison Actual vs. Adopted Budget:

Jan Budget		Jan Actual		Percentage Change			YTD Budget		YTD Actual		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
21.7	132.3	22.2	135.5	2.3%	2.4%	Total All	21.7	\$132.3	22.2	\$135.5	2.3%	2.4%
	\$6.093		\$6.095		0.0%	Revenue Per Vehicle		\$6.093		\$6.095		0.0%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
TOTAL POSITIONS BY FUNCTION AND DEPARTMENT
NON-REIMBURSABLE/REIMBURSABLE and FULL-TIME POSITIONS/FULL-TIME EQUIVALENTS
January 2016

Department	Adopted Budget	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Executive	10	7	3	4 Professional vacancies and 1 Managerial overage
Law ⁽¹⁾	14	15	(1)	1 Professional overage
CFO ⁽²⁾	25	18	7	5 Managerial vacancies and 2 Professional vacancies
Administration ⁽³⁾	36	37	(1)	1 Managerial overage
EEO	2	1	1	1 Managerial vacancy
Total Administration	87	78	9	
Operations				
Revenue Management	42	39	3	2 Managerial vacancies and 1 Professional vacancy
Operations (Non-Security)	712	505	207	152 BTO and 55 Managerial vacancies
Total Operations	754	544	210	
Maintenance				
Maintenance	212	190	22	17 Maintainer and 5 Managerial vacancies
Operations - Maintainers	166	157	9	9 Maintainer vacancies
Total Maintenance	378	347	31	
Engineering/Capital				
Engineering & Construction	184	146	38	16 Managerial and 22 Professional vacancies
Safety & Health	11	9	2	2 Professional vacancies
Law ⁽¹⁾	23	19	4	4 Professional vacancies
CFO-Planning & Budget Capital	27	16	11	4 Managerial and 7 Professional vacancies
Total Engineering/Capital	245	190	55	
Public Safety				
Operations (Security)	232	232	-	
Internal Security - Operations	42	37	5	5 Professional vacancies
Total Public Safety	274	269	5	
Total Positions	1,738	1,428	310	
Non-Reimbursable	1,651	1,341	310	
Reimbursable	87	87	-	
Total Full-Time	1,738	1,428	310	

(1) Includes Legal and Procurement staff.

(2) Includes Controller and Operating Budget staff.

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

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
TOTAL POSITIONS BY FUNCTION AND OCCUPATION
FULL-TIME POSITIONS and FULL-TIME EQUIVALENTS
January 2016

	Adopted Budget	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Managers/Supervisors	34	30	4	5 vacancies in CFO, 1 vacancy in EEO, 1 overage in Executive and 1 in Administration
Professional, Technical, Clerical	53	48	5	4 vacancies in Executive, 2 in CFO, and 1 overage in Law
Operational Hourlies	-	-	-	
Total Administration	87	78	9	
Operations				
Managers/Supervisors	211	154	57	55 Managerial vacancies in Operations and 2 in Revenue Management
Professional, Technical, Clerical	34	33	1	1 Professional vacancy in Revenue Management
Operational Hourlies ⁽¹⁾	509	357	152	152 BTO vacancies in Operations
Total Operations	754	544	210	
Maintenance				
Managers/Supervisors	20	15	5	5 vacancies in Operations
Professional, Technical, Clerical	15	15	-	
Operational Hourlies ⁽²⁾	343	317	26	17 Maintainer vacancies in Operations and 9 in Maintenance
Total Maintenance	378	347	31	
Engineering/Capital				
Managers/Supervisors	62	42	20	16 vacancies in Engineering and 4 in CFO
Professional, Technical, Clerical	183	148	35	22 vacancies in Engineering, 7 in CFO, 4 in Law, and 2 in Safety and Health
Operational Hourlies	-	-	-	
Total Engineering/Capital	245	190	55	
Public Safety				
Managers/Supervisors	45	45	-	
Professional, Technical, Clerical	33	28	5	5 Professional vacancies in Internal Security
Operational Hourlies ⁽³⁾	196	196	-	
Total Public Safety	274	269	5	
Total Positions				
Managers/Supervisors	372	286	86	
Professional, Technical, Clerical	318	272	46	
Operational Hourlies	1,048	870	178	
Total Positions	1,738	1,428	310	

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

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

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



Bridges and Tunnels

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Capital Program Project Status Report February 2016

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
STATUS REPORT
FEBRUARY 29, 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 February, 5 commitments with a total value of \$6.4 million were awarded from 2016 plan (*See Attachment 1, 2016 Commitment Chart; Attachment 7 – 2016 Commitment Plan*). Additionally 2 commitments were made for total of \$4.9 million from the 2015 commitments. (*See Attachment 9, 2015 Commitment Plan*).

Year to date, 16 commitments have been made with a total value of \$10.4 million against a plan calling for 15 commitments with a total value of \$10.3 million from 2016 plan. Additionally, year to date, 5 commitments have been made with a total value of \$5.1 million from 2015 plan.

Completions

There were no projects planned or completed in February (*See Attachment 3 - 2016 Completion Chart; Attachment 4 – 2016 Major Project Completions; Attachment 5 - 2016 Project Completion Plan; Attachment 10 – 2015 Completion Plan*).

Close-outs

There were five Task level Closeouts in February for \$2.4 million. (*See Attachment 6 – 2016 Task Level Closeouts*). Year to date there are 9 Task Level Closeouts for \$35.8 million.

Award Date Changes for Remaining Commitments

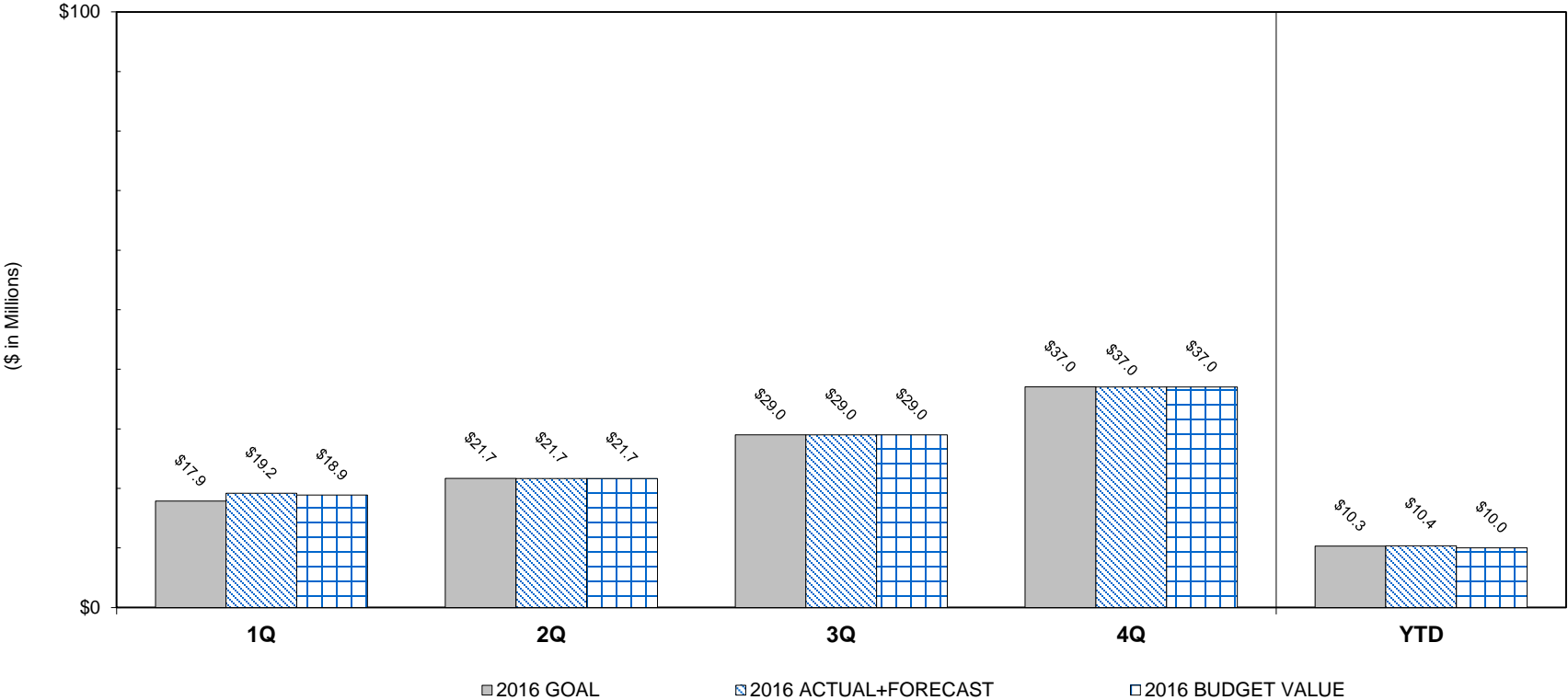
There are no significant date changes in the month of February.

Completion Date Changes for Remaining Projects

There were no changes for remaining completions.

MTA Bridges and Tunnels
Commitments as of February 29, 2016

2016 Budget Goal:	\$105.5	
2016 Annual Forecast	\$106.9	
YTD Goal:	\$10.3	
YTD Actual:	\$10.4	(100.3% of YTD Goal)
YTD Budgeted Value:	\$10.0	(97.1% of YTD Goal)
Left to Commit:	\$96.5	

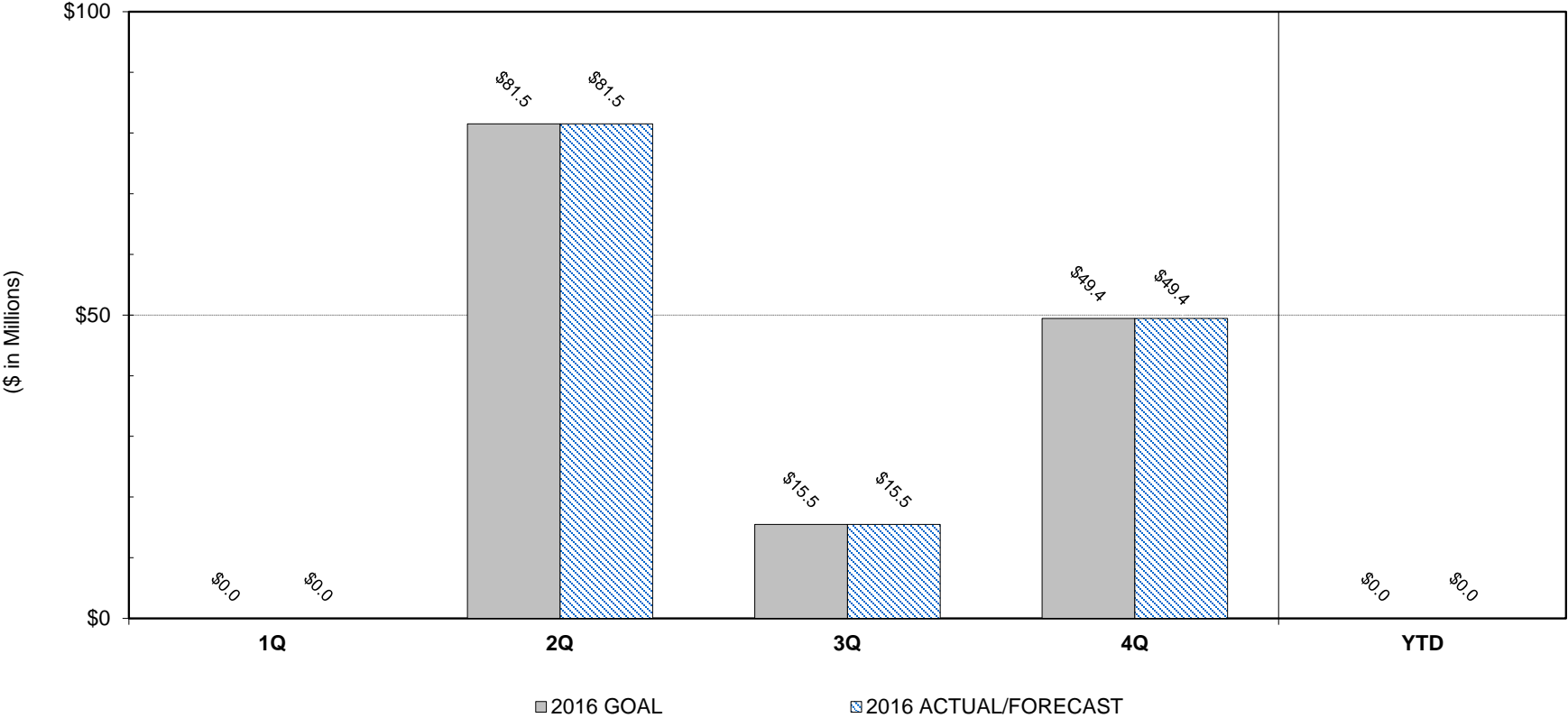


MTA Bridges and Tunnels: Status of Major Commitments as of February 29, 2016

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	\$12.5	\$12.5	Sep-16	Jan-16	Sep-16	F
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 February 29, 2016

2016 Budget Goal:	\$146.4
2016 Annual Forecast:	\$146.4
YTD Goal:	\$0.0
YTD Actual:	\$0.0
Left to Complete:	\$146.4



MTA Bridges and Tunnels: Status of Major Completions as of February 29, 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	65%	0%	May-16	May-16	F	
G5140108	ThrogsNeck Integrated Electronic Security	\$20.4	\$20.4	82%	76%	May-16	May-16	F	
D601TN52	Miscellaneous Structural Rehabilitation	\$22.0	\$22.0	93%	58%	May-16	May-16	F	
D604VN87	Substation #1 Rehabilitation	\$16.6	\$16.6	92%	0%	Jun-16	Jun-16	F	
D601RK76	Miscellaneous Structural Repair	\$11.2	\$11.2	50%	0%	Sep-16	Sep-16	F	
D602HH88	HH88A: Replace Upper & Lower Level Plza & Southbnd. Apr.	\$49.4	\$49.4	56%	60%	Dec-16	Dec-16	F	

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

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 PROJECT COMPLETIONS**

Project ID (ACEP)	Project Description	Type	Goal End Date	Goal Value	Budgeted Value	Actual End Date	Actual Value	Forecast End Date	Forecast Value
D602MP21	Rehabilitate Rockaway Point Blvd Overpass	Project	May-16	\$11,052,001	\$11,052,001			May-16	\$11,052,001
G5140108	ThrogsNeck Integrated Electronic Security	Project	May-16	\$20,374,391	\$20,374,391			May-16	\$20,374,391
D601TN52	Miscellaneous Structural Rehabilitation	Project	May-16	\$22,043,388	\$22,043,388			May-16	\$22,043,388
			May-16 Total	\$53,469,780	\$53,469,780				
ED040301	Flood Mitigation-Equip.Relocations-BBT Service Building	Project	Jun-16	\$2,917,066	\$2,917,066			Jun-16	\$2,917,066
D605BB21	Service Building Rehabilitation	Project	Jun-16	\$8,480,358	\$8,480,358			Jun-16	\$8,480,358
D604VN87	Substation #1 Rehabilitation	Project	Jun-16	\$16,634,699	\$16,634,699			Jun-16	\$16,634,699
			Jun-16 Total	\$28,032,123	\$28,032,123				
D603AW48	2nd Generation E-Zpass In-Lane	Study	Aug-16	\$3,533,142	\$3,533,142			Aug-16	\$3,533,142
			Aug-16 Total	\$3,533,142	\$3,533,142				
D601RK76	Miscellaneous Structural Repair	Project	Sep-16	\$11,171,357	\$11,171,357			Sep-16	\$11,171,357
ED010304	Queens Midtown Tunnel Mitigation-Flood Gates&Other	Construction	Sep-16	\$771,677	\$771,677			Sep-16	\$771,677
			Sep-16 Total	\$11,943,034	\$11,943,034				
D602HH88	HH88A: Replace Upper & Lower Level Plza & Southbnd. Appr.	Phase A - Project	Dec-16	\$49,437,562	\$49,437,562			Dec-16	\$49,437,562
			Dec-16 Total	\$49,437,562	\$49,437,562				
			Grand Total	\$146,415,640	\$146,415,640				
	<u>Unplanned Completions</u>								
			Grand Total:	\$146,415,640	\$146,415,640		\$0	Remaining	\$146,415,640

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

**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
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
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	87,93.00
				Total	9	\$35,785,114.49

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	\$2,054,626
				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			Mar-16	\$501,352
D707HH30	Replacement of HHB Overcoat System	D03785	PM Design F/A	Mar-16	\$158,165	\$158,165			Mar-16	\$158,165
D604MPXA	Mechanical Systems Rehab	D03332	Ph2 - Operations F/A	Mar-16	\$29,000	\$29,000			Mar-16	\$29,000
D701QM18	Manhattan/Queens Plaza Structural Rehab	D03533	PM Design F/A Ph. 2	Mar-16	\$1,112,653	\$1,112,653			Mar-16	\$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			Mar-16	\$500,000
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	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			May-16	\$8,000,000
D702TN55	Replacement of Bronx and Queens Approach Viaducts (Study)	D03693	BC Development F/A	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			Jun-16	\$1,500,000
D701BW07	Fender Protection around Tower Piers (Const)	D03807	PM Design F/A	Jun-16	\$100,000	\$100,000			Jun-16	\$100,000
D704BW32	Installation of Fire Standpipe Connections	D03545	10% Design & RFP Dev.	Jun-16	\$200,000	\$200,000			Jun-16	\$200,000
D704BW32	Installation of Fire Standpipe Connections	D03544	PM Design F/A	Jun-16	\$100,000	\$100,000			Jun-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			Jun-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			Jun-16	\$2,313,395
D704HH13	Replacement of Facility Lighting System	D03779	PM Const. F/A	Jun-16	\$254,000	\$254,000			Jun-16	\$254,000
D701RK19	Seismic/Wind Retrofit & Structural Rehab Ph1	D03591	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000			Jun-16	\$1,000,000
D701RK70	Miscellaneous Structural Rehabilitation	D03661	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000			Jun-16	\$1,000,000
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	\$250,000
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03395	PM Construction F/A	Jun-16	\$1,659,983	\$1,659,983			Jun-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			Jun-16	\$800,000
D707RK70	Miscellaneous Structural Rehabilitation	D03669	PM Design F/A	Jun-16	\$150,000	\$150,000			Jun-16	\$150,000
D702VN11	Brooklyn Approach Reconstruction	D03716	Design	Jun-16	\$2,000,000	\$2,000,000			Jun-16	\$2,000,000
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			Jul-16	\$2,500,000
D701CB18	CB Scour Protect/Repair/Rpl CB/MP Pier Fender Sys	D03575	Conceptuall Dsign & Env. Permits	Jul-16	\$1,000,000	\$1,000,000			Jul-16	\$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			Jul-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			Aug-16	\$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	\$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			Sep-16	\$200,000
D704HC64	Brooklyn Service Building Electrical Rehab.	D03735	PM Design F/A & D/B RFP Dev.	Sep-16	\$224,973	\$224,973			Sep-16	\$224,973
D705HC80	Rehabilitation of Ventilation Buildings	D03754	PM Design F/A	Sep-16	\$1,000,000	\$1,000,000			Sep-16	\$1,000,000
D701HH07	Structural Rehabilitation	D03767	Design	Sep-16	\$1,200,000	\$1,200,000			Sep-16	\$1,200,000
D707HH30	Replacement of HHB Overcoat System	D03786	Design	Sep-16	\$750,863	\$750,863			Sep-16	\$750,863
D701QM18	Manhattan/Queens Plaza Structural Rehab	D03534	DesignPh. 2	Sep-16	\$5,046,010	\$5,046,010			Sep-16	\$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			Sep-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			Sep-16	\$768,803
D701RK20	Main Bridge Cable Inspection and Rehabilitation	D03607	PM Design F/A	Sep-16	\$865,929	\$865,929			Sep-16	\$865,929
D702RK23	Construction of New Harlem River Drive Ramp	D03630	BC Development F/A	Sep-16	\$56,243	\$56,243			Sep-16	\$56,243
D702VN84	Reconstruction of VN Approach Ramps - Ph1	D03404	Design	Sep-16	\$12,500,000	\$12,500,000			Sep-16	\$12,500,000
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			Oct-16	\$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			Oct-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			Nov-16	\$6,000,000
D704HH13	Replacement of Facility Lighting System	D03780	Construction Adm.	Nov-16	\$800,000	\$800,000			Nov-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			Nov-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			Dec-16	\$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		
				Grand Total	\$105,526,103	\$106,538,803	YTD Total	\$10,354,944	Remaining	\$96,509,577
										Grand Total
										\$106,864,521

MTA Bridges and Tunnels: Status of 2015 Major Commitments as of February 29, 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	\$26.3	\$26.3	Jun-15	N/A	Dec-16	F 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 Task	Task Description	Original Goal Start Date	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
ED040303	Flood Mitigation- Generator at GIVB	E03434	Design during construction	Jun-15	Feb-16	\$58,267.00	\$75,000			Mar-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			Mar-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			Dec-16	\$26,318,636
					Dec-16 Total	\$26,318,636	\$26,318,636				
					Grand Total	\$46,285,628	\$46,601,484	YTD Total	\$5,109,493		
										Remaining:	\$41,291,923

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 Total	\$3,308,868	\$3,308,868				
				Grand Total	\$3,308,868	\$3,308,868				

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



Bridges and Tunnels

Procurements March 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	March 2, 2016
Vendor Name	
Contract Number	
Contract Manager Name	
Table of Contents Ref #	

Board Action					
Order	To	Date	Approval	Info	Other
1	President	3/2/16			
2	MTA B&T Committee	3/21/16			
3	MTA Board	3/23/16			

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

Internal Approvals (cont.)							
Order	Approval	Order	Approval	Order	Approval	Order	Approval
	Chief Financial Officer <i>mmt</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 Majority Vote</u>		<u># of Actions</u>	<u>\$ Amount</u>
Schedule C	Competitive Requests for Proposals	1	\$145.000M
<u>Schedules Requiring Two-Thirds Vote</u>		<u># of Actions</u>	<u>\$ Amount</u>
Schedule F	Personal Service Contracts	3	\$ 46.942M
Schedule G	Miscellaneous Service Contracts	1	\$ 0.173M
Schedule I	Modifications to Purchase and Public Works Contracts	1	\$ 1.937M
SUBTOTAL		6	\$ 194.052M

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

TOTAL	6	\$ 194.052M
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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
MARCH 2016

MTA BRIDGES & TUNNELS

Procurements Requiring Majority Vote:

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

- | | | |
|---|--|--------------------------------------|
| 1. Various Contractors | Aggregate not- to exceed amount for each agency:
\$95,000,000.00 (B&T)
\$50,000,000.00 (NYCT)
\$145,000,000.00 | <u>Staff Summary Attached</u> |
|
Contract Nos. GFM-516 (B&T)
C-31711 (NYCT) | | |
|
3 yr. contract – Competitive RFP
B&T –20 Proposals--9 Contracts to be awarded
NYCT –20 Proposals--8 Contracts to be awarded
Multi-agency procurement for miscellaneous construction services on an as-needed basis for B&T and NYCT. | | |

Procurements Requiring Two-Thirds Vote:

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

- | | | |
|--|------------------------|--------------------------------------|
| 1. Ammann & Whitney Consulting Engineers, P.C.
Contract No. PSC-15-2973A
Hardesty & Hanover Construction Services, LLC
Contract No. PSC-15-2973B
Henningson, Durham & Richardson Architectural and Engineering, P.C.
Contract No. PSC-15-2973C
LiRo Engineers, Inc.
Contract No. PSC-15-2973D
Parsons Brickerhoff, Inc.
Contract No. PSC-15-2973E
STV Incorporated
Contract No. PSC-15-297F | \$36,000,000.00 | <u>Staff Summary Attached</u> |
|
6 yr. contract - Competitive RFP-11 Proposals
Provide as-needed construction administrative, inspection and support services to fully oversee construction projects on a broad range of construction projects, including bridge and tunnel facilities, equipment, buildings and ancillary structures. | | |

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
MARCH 2016

- | | | | |
|----|--|---|-------------------------------|
| 2. | WSP USA Corporation
Contract No. PSC-15-2978A
Hardesty & Hanover, LLC
Contract No. PSC-15-2978B
HNTB New York Engineering &
Architecture, P.C.
Contract No. PSC-15-2978C
Ammann & Whitney Consulting
Engineers, P.C.
Contract No. PSC-15-2978D
2 yr. 9 mo. contract - Competitive RFP-7 Proposals
Provide biennial bridge inspection and miscellaneous design services at the Robert F.
Kennedy and Verrazano-Narrows Bridges. | \$2,967,937.38

\$2,820,090.00

\$3,003,355.37

<u>\$1,550,520.00</u>
<u>\$10,341,902.75</u> | <u>Staff Summary Attached</u> |
|----|--|---|-------------------------------|

3. **Elzly Technology Corporation**
Contract No. PSC-15-2971 **\$600,000.00**
 4 yr. contract-Competitive RFP-2 Proposals
 B&T requires the services of a consultant to assist B&T's Engineering and Construction Paint Group on issues pertaining to coatings on an as-needed basis. The services required include studying, analyzing and evaluating existing coating systems utilized on B&T's structures. The Consultant shall assist in: (i) recommending compatible coating systems, surface preparations and other construction means and methods for future paint program activities; and (ii) review and/or prepare technical specifications for B&T based on its findings from site investigations, current available data and new technologies. The scope of services under the prospective contract has not significantly changed compared with the prior contract.

The service requirements were publicly advertised; three firms submitted qualification information. All three firms, Alta Vista Solutions, PC (AVS), Elzly Technology Corp (Elzly) and Simpson Gumpertz & Heger (SGH) were selected to receive the RFP. Two firms, AVS and Elzly, submitted proposals. The proposals were evaluated against established criteria set forth in the RFP, including an understanding of the technical requirements, the expertise of the proposed personnel, and cost. The Selection Committee unanimously recommended that the Authority enter into negotiations with Elzly. The recommendation stressed Elzly's thorough understanding of the scope of work. Of the two proposals submitted, Elzly demonstrated the highest level of expertise with regard to corrosion protection and protective coatings. Elzly has extensive experience advising B&T on painting/coating projects, they are thoroughly familiar with B&T's computerized bridge maintenance program.

Elzly submitted rates for direct labor, overhead and profit based on the sample tasking contained in the RFP that were deemed far more competitive than AVS's. Elzly's proposed direct labor rates and overhead reflect a marginal increase over the rates in their current contract and the profit rate remains unchanged. Therefore, Elzly's proposed rates are deemed fair and reasonable. Elzly is deemed to be a responsible consultant.

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
MARCH 2016

G: Miscellaneous Service Contracts

(Staff Summaries required for items greater than: \$100K Sole Source; \$250K Other Non-Competitive; \$1M RFP;
No Staff Summary required if Sealed Bid Procurement)

4. **Longo Electrical-Mechanical, Inc.** **\$172,700.00**
Contract No. 14-MNT-2932

5 yr. contract - Competitive Bid – 4 bids

MTA Bridges and Tunnels (B&T) is seeking Board approval under the All-Agency Guidelines for Procurement of Services for the award of a competitively bid miscellaneous service contract to Longo Electrical-Mechanical, Inc. (Longo) to provide maintenance, repair, fabrication and inspection of mechanical motors located at the Harlem River and Marine Parkway lift spans.

On March 11, 2015 B&T issued a solicitation for a Contractor to provide maintenance, repair, fabrication and inspection of mechanical motors located at the Harlem River and Marine Parkway lift spans for a period of five (5) years. Due to the specialized nature of the work, which requires rigging large electric motors in and out of the liftspan motor rooms, as well as troubleshooting and repairing large electric motors, B&T neither possesses the resources nor the equipment to perform the services. Therefore, the service requirements were publicly advertised. The solicitation notice was sent to 224 firms and four firms requested copies of the solicitation. On April 16, 2015, four bids were submitted and are ranked as follows:

<u>Bidders</u>	<u>Bid Amount</u>
Longo Electrical-Mechanical, Inc.	\$172,700.00
Walco Electric Company	\$174,406.25
K&G Power Systems	\$199,850.00
Premco Inc.	\$224,725.00

The scope of services under this contract has not changed from the prior contract. These bid prices are fixed for a five year period and represent a 3.5% decrease when compared with prices under the current contract. Based on competition, the price is considered fair and reasonable. Longo has Significant Adverse Information (“SAI”) as defined in the All-Agency Responsibility Guidelines. Longo addressed the issue to the satisfaction of the B&T General Counsel and the Chief Procurement Officer who determined them responsible notwithstanding the SAI on January 12, 2016. After evaluation of the bids, it was determined that Longo is the lowest responsive, responsible bidder. The MTA Department of Diversity and Civil Rights initially established goals of 10% MBE and 10% WBE for this contract but approved a total waiver of those goals based on (i) Longo’s good faith effort to secure MWBE participation; (ii) the highly specialized nature of the work on electrical motors; and (iii) the size of the contract. Funding is available in the Operating Budget chargeable to General Ledger 711627.

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
MARCH 2016

I: Modifications to Purchase & Public Works Contracts

(Approvals/Staff Summaries required for individual change orders greater than \$250K. Approvals without Staff Summaries required for change orders greater than 15% of previous approved amount which are also at least \$50K)

5. **El Sol Contracting & Construction Corp./ El Sol Limited Enterprises J.V.** **\$1,937,000.00** **Staff Summary Attached**
Contract No. RK-65A

B&T is seeking the Board's approval under the All-Agency Procurement Guidelines to modify this contract with El Sol Contracting & Construction Corp. / El Sol Limited Enterprises J.V. (El Sol) for additional work to remove and dispose of additional asbestos containing material.

Staff Summary

Page 1 of 2

Item Number 1 (Final)					
Dept & Dept Head Name: Engineering and Construction, Joseph Keane, P.E. <i>Joseph Keane</i>					
Division & Division Head Name: Engineering and Construction, Aris Stathopoulos, P.E. <i>Aris Stathopoulos</i>					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	3/2/16			
2	MTA B&T Committee	3/21/16			
3	MTA Board	3/23/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>[Signature]</i>	4	Executive Vice President <i>[Signature]</i>		
2	General Counsel <i>[Signature]</i>	5	President <i>[Signature]</i>		
3	Chief Procurement Officer <i>[Signature]</i>				

SUMMARY INFORMATION	
Vendor Name Various	Contract Number B&T GFM-516 NYCT C-31711
Description Miscellaneous Construction on an As-Needed Basis	
Total Amount Aggregate Total: B&T GFM-516 \$95,000,000 NYCT C-31711 \$50,000,000	
Contract Term (including Options, if any) Three (3) years with (two 1-year options)	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Renewal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input checked="" type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Other: Funding Source to be allocated by Work Order.	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All-Agency Procurement Guidelines to award multi-agency public work contracts via the competitive RFP process for Miscellaneous Construction on an As-Needed Basis for these participating agencies: B&T and NYCT. Each agency separately selected firms as listed below:

B&T Contract GFM-516 - Nine (9) firms selected:

- D'Onofrio General Contractors Corp.
- El Sol Contracting & Construction Corp.
- Halmar International, LLC
- John P. Picone, Inc.
- Masterpiece U.S., Inc.
- Navillus Tile, Inc. dba Navillus Contracting
- Paul J. Scariano, Inc. (PJS)

(rev. 1/22/14)

Staff Summary

Page 2 of 3

- Restani Construction Corp.
- Unicorn Construction Enterprises, Inc.

NYCT Contract C-31711 – Eight (8) firms selected:

- Geomatrix Services
- J-Track, LLC
- John P. Picone
- Lighton Industries, Inc.
- Masterpiece US Inc.
- Poscillico Civil, Inc.
- T. Moriarty & Son Inc.
- RailWorks Transit, Inc.

II. DISCUSSION

In June 2015, the Board authorized the use of the competitive Request for Proposal (RFP) process in order to procure miscellaneous construction services on an as-needed basis for four participating agencies (B&T, NYCT, LIRR and MTACC). At the time of solicitation, MTACC decided that they would not participate in the joint procurement and would instead conduct their own separate solicitation. LIRR has not yet completed their selection process, and B&T will therefore seek Board approval on their behalf once their final selections are made. The three agencies' requirements were publicly advertised. Under this joint solicitation, led by B&T, each agency will award and administer their respective as-needed contracts. Separate RFPs were issued and the committee selection process was conducted individually by each agency due to the varying requirements among the agencies including the need to support the work at multiple locations and the consideration that many smaller firms would be unable to provide the personnel to simultaneously meet all of the agencies' construction service requests.

During the contract term, as a Scope of Work for each miscellaneous work order is identified, the contracted firms will be provided with the scope, a site tour will be conducted and bids will be submitted. The contractor submitting the lowest bid shall be awarded that specific work order. Since most of the construction projects are smaller than our individual projects and/or involve urgently needed repairs, it would be inefficient, time-consuming and would not meet the agencies' expedited needs at times to conduct separate competitively bid solicitations for each project.

The selection of contractors to be awarded these as-needed contracts was accomplished by a one-step RFP process. The three agencies all evaluated firms against established criteria including proposer's record of performance, qualifications of firm's specific personnel proposed, safety record and quality assurance program. Proposals for the agencies' contracts were received on January 15, 2016.

The selections are summarized below:

B&T Contract GFM-516:

Twenty proposals were received. Based on the established criteria, B&T's Selection Committee chose eleven firms (Ahern, D'Onofrio, E.E. Cruz, El Sol, Halmar, Picone, Masterpiece, Navillus, PJS, Restani, and Unicorn). Nine of the selected eleven firms, except for Ahern and E.E. Cruz were determined to be responsive and responsible contractors with extensive background of prior and current public agency work. PJS has Significant Adverse Information ("SAI") as determined by the All-Agency Responsibility Guidelines. PJS addressed the issue to the satisfaction of the Chairman, who determined them responsible notwithstanding the SAI on 2/23/16. Two firms, Ahern Painting Contractors Corp., and E.E. Cruz & Company, Inc. are still in the evaluation process and we anticipate that these contracts will be presented to the Board in the near future.

(rev. 1/22/14)

Staff Summary

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NYCT Contract C-31711:

Twenty proposals were received. Based on the established criteria, NYCT's Selection Committee chose eight firms (Geomatrix, J-Track, Picone, Lighton, Masterpiece, Poscillico, T. Moriarty, and RailWorks). All eight of the selected firms were determined to be responsive and responsible contractors with extensive background of prior and current public agency work. Railworks has Significant Adverse Information ("SAI") as determined by the All-Agency Responsibility Guidelines. RailWorks addressed the issue to the satisfaction of the Chairman, who determined them responsible notwithstanding the SAI on 2/26/16.

It is recommended that the Board authorize the Authority to enter into contracts with the above selected firms.

III. D/M/WBE INFORMATION

The MTA DDCR established the following goals for the two agencies: (i) B&T GFM-516 MBE/WBE goals of 15%/15% respectively; and (ii) NYCT C-31711 DBE/MBE/WBE goals 17%/15%/15% respectively. All of the firms, with the exception of D'Onofrio General Contractors Corporation and Poscillico Civil, Inc., have achieved its previous MWDBE goals on previous MTA contracts. D'Onofrio General Contractors Corporation and Poscillico Civil, Inc. have not completed any MTA contracts with goals; therefore, no assessment of the firms' MWDBE performance can be determined at this time.

IV. IMPACT ON FUNDING

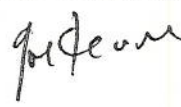
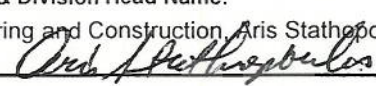




Funding will be established for each individual work order prior to their issuance.

V. ALTERNATIVES

There are no recommended alternatives. The Authority's agencies do not have the resources to perform this work with in-house forces.

Staff Summary

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Item Number 1 (Final)						SUMMARY INFORMATION															
Dept & Dept Head Name: Engineering and Construction, Joe Keane, P.E. <div style="text-align: center; margin-top: 10px;">  </div>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Vendor Name</th> <th style="width: 30%;">Contract Number</th> </tr> <tr> <td>A) Ammann & Whitney Consulting Engineers, P.C.</td> <td>PSC-15-2973A</td> </tr> <tr> <td>B) Hardesty & Hanover Construction Services, LLC</td> <td>PSC-15-2973B</td> </tr> <tr> <td>C) Henningson, Durham & Richardson Architectural and Engineering P.C.</td> <td>PSC-15-2973C</td> </tr> <tr> <td>D) LiRo Engineers, Inc.</td> <td>PSC-15-2973D</td> </tr> <tr> <td>E) Parsons Brinckerhoff, Inc.</td> <td>PSC-15-2973E</td> </tr> <tr> <td>F) STV Incorporated</td> <td>PSC-15-2973F</td> </tr> </table>		Vendor Name	Contract Number	A) Ammann & Whitney Consulting Engineers, P.C.	PSC-15-2973A	B) Hardesty & Hanover Construction Services, LLC	PSC-15-2973B	C) Henningson, Durham & Richardson Architectural and Engineering P.C.	PSC-15-2973C	D) LiRo Engineers, Inc.	PSC-15-2973D	E) Parsons Brinckerhoff, Inc.	PSC-15-2973E	F) STV Incorporated	PSC-15-2973F
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E) Parsons Brinckerhoff, Inc.	PSC-15-2973E																				
F) STV Incorporated	PSC-15-2973F																				
Division & Division Head Name: Engineering and Construction, Aris Stathopoulos, P.E. <div style="text-align: center; margin-top: 10px;">  </div>						Description As-Needed Construction Administration, Inspection And Support Services															
Board Reviews						Total Amount Aggregate total: \$36,000,000															
Order	To	Date	Approval	Info	Other	Contract Term (including Options, if any) Six Years															
1	President	3/2/16				Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No															
2	MTA B&T Committee	3/21/16				Renewal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															
3	MTA Board	3/23/16				Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive															
Internal Approvals						Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:															
Order	Approval	Order	Approval	Funding Source <input checked="" type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Other: Funding Source to be allocated by Work Order.																	
1	Chief Financial Officer 	4	EVP 																		
2	SVP & General Counsel 	5	President 																		
3	VP & Chief Procurement Officer																				

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All-Agency Guidelines for Procurement of Services to award personal service contracts to the six firms listed above for the aggregate amount of \$36,000,000 and a contract duration of six years.

II. DISCUSSION

B&T requires the services of multiple consultant firms to provide as-needed construction administrative, inspection and support services to fully oversee construction projects on a broad range of construction projects, including bridge and tunnel facilities, equipment, buildings and ancillary structures. The services under these contracts will be awarded via work orders as needs arise. These contracts are for "zero-dollar" with no minimum guarantee of any assignment and will replace eight contracts currently in place where remaining funding is limited.

The requirements were publicly advertised. Twenty-three firms submitted qualification information for review and evaluation by the selection committee. Based on a review of those qualifications, twelve firms were selected to receive the RFP as follows: AECOM USA, Inc. (AECOM), Ammann & Whitney Consulting Engineers, P.C. (A&W), Hardesty & Hanover Construction Services, LLC (H&H), HAKS Engineers, Architects and Land Surveyors, PC (HAKS), Henningson, Durham & Richardson Architectural and Engineering P.C. (HDR), Hill International, Inc. (Hill), KS Engineers, P.C. (KSE), LiRo

Staff Summary

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Engineers, Inc. (LiRo), Parsons Brinckerhoff, Inc. (PB), STV Incorporated (STV), T.Y. Lin International Engineering, Architecture and Land Surveying, P.C. (TYLIN), and Tectonic Engineering & Surveying Consultants P.C. (Tectonic). Eleven firms submitted proposals (all but Hill), which were evaluated against established criteria set forth in the RFP including technical work proposed, depth of understanding of the project, qualifications of the firm for specific personnel proposed and cost. Costs were reviewed by the Committee through the use of sample tasks. All selected firms submitted a competitive proposal compared to the Engineering Estimate. Based on the committee's review of all submittals and its consideration of proposed costs, the Agency is recommending six firms to receive contracts under the referenced RFP. The committee's selections were based on the following:

A&W, H&H, LiRo, PB and STV were selected by the selection committee due to their superior technical ratings and their satisfactory performance as incumbents on the current as-needed contract. HDR was also selected based on their technical proposal and their good understanding of the work.

Services under these Contracts will be awarded via work orders utilizing the negotiated Contract labor, overhead and fixed fees. These negotiated rates are considered fair and reasonable. The cost elements for individual work orders will be reviewed separately to ensure that they are fair and reasonable. Depending on a variety of factors including type and estimated value of the services, most of the work will be issued based on competition between the firms being awarded these contracts. A comparison of the rates and overheads of the proposals to the existing contracts found the costs in-line with the current contracts. All six firms are considered to be responsible consultants.

III. D/M/WBE INFORMATION

The MTA Department of Diversity and Civil Rights has established goals of 10% MBE and 10% WBE for each of these contracts. All of the six consultants listed have achieved their previous MWBE goals on previous MTA contracts.

IV. IMPACT ON FUNDING

Funding will be established for each individual work order prior to their issuance.

V. ALTERNATIVES

Perform the work using in-house personnel. At this time, B&T lacks the sufficient available staff with the necessary expertise to perform all of the work in the specific tasks required under the scope of work.

Staff Summary

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Item Number 2 (Final)					
Dept & Dept Head Name: Engineering and Construction, Joe Keane, P.E. <i>Joe Keane</i>					
Division & Division Head Name: Engineering and Construction, Philip Swanton, P.E.					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	3/02/16			
2	MTA B&T Committee	3/21/16			
3	MTA Board	3/23/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>Alisa</i>	4	Executive Vice President <i>JS</i>		
2	General Counsel <i>MMT</i>	5	President <i>JS</i>		
3	Chief Procurement Officer <i>SM</i>				

SUMMARY INFORMATION	
Vendor Name A) WSP USA Corporation B) Hardesty & Hanover, LLC C) HNTB New York Engineering & Architecture, P.C. D) Ammann & Whitney Consulting Engineers, P.C.	Contract No. PSC-15-2978A PSC-15-2978B PSC-15-2978C PSC-15-2978D
Description 2016 Biennial Bridge Inspection & Design of Miscellaneous Structural Repairs at the Robert F. Kennedy & Verrazano Narrows Bridges	
Total Amount PSC-15-2978A, \$2,967,937.38; PSC-15-2978B, \$2,820,090.00; PSC-15-2978C, \$3,003,355.37; PSC-15-2978D, \$1,550,520.00	
Contract Term (including Options, if any) Two years, nine months (through 12/31/18)	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Renewal? <input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All-Agency Guidelines for Procurement of Services to award four personal service contracts for the 2016 Biennial Bridge Inspections at the: (i) Robert F. Kennedy Bridge: Main Line (Contract PSC-15-2978A) to WSP USA Corporation (WSP), (ii) Robert F. Kennedy Bridge (Approach Ramps & Lift Span) (Contract PSC-15-2978B) to Hardesty & Hanover, LLC (H&H), (iii) Verrazano-Narrows Bridge (Main Span) (Contract PSC-15-2978C) to HNTB New York Engineering & Architecture, P.C. (HNTB), and (iv) Verrazano-Narrows Bridge (Approach Ramps) (Contract PSC-15-2978D) to Ammann & Whitney Consulting Engineers, P.C. (A&W). The negotiated contract amounts are: (A) \$2,967,937.38 (B) \$2,820,090.00 (C) \$3,003,355.37 (D) \$1,550,520.00. Each contract will be for a duration of approximately two years, nine months through December 31, 2018.

II DISCUSSION

B&T requires the services of four consultant firms to provide biennial bridge inspection and miscellaneous design services at the Robert F. Kennedy and Verrazano-Narrows Bridges. These inspections assist in our mission to keep B&T's assets in a state of good repair, and are required by the New York State Department of Transportation.

The requirements were publicly advertised. Ten firms submitted qualification information for review and evaluation by the selection committee. Seven firms were chosen to receive the RFP based on a review of those qualifications and all seven submitted proposals: Ammann & Whitney Consulting Engineers, P.C. (A&W); HAKS Engineers, Architects and Land Surveyors, P.C. (HAKS); Hardesty & Hanover, LLC (H&H); HNTB New York Engineering & Architecture, P.C.; Stantec Consulting Services, Inc. (SCS); Weidinger Associates, Inc. (WAI); and WSP USA Corporation (WSP). Subsequent to

Staff Summary

Page 2 of 3

Surveyors, P.C. (HAKS); Hardesty & Hanover, LLC (H&H); HNTB New York Engineering & Architecture, P.C.; Stantec Consulting Services, Inc. (SCS); Weidlinger Associates, Inc. (WAI); and WSP USA Corporation (WSP). Subsequent to submitting proposals, two firms (HAKS and WAI) withdrew from the process. Proposals were evaluated against established criteria set forth in the RFP including technical work proposed, depth of understanding of the project, qualifications of the firm for specific personnel proposed and cost. Based on the committee's review of all submittals and its consideration of proposed costs, the committee selected WSP for Group A (Robert F. Kennedy Bridge: Main Line), H&H for Group B (Robert F. Kennedy Bridge: Approach Ramps & Lift Span), HNTB for Group C (Verrazano-Narrows Bridge: Main Span) and A&W for Group D (Verrazano-Narrows Bridge: Approach Ramps).

The Committee's selections were based on the following:

- WSP submitted a comprehensive, high-quality technical proposal for this group. They proposed a full inspection team with an excellent record of inspection experience on TBTA bridges and other area facilities.
- H&H demonstrated strong experience with lift span inspections, such as the Marine Parkway Bridge (NY) and the Benjamin Harrison Lift Bridge (VA) and proposed an inspection team with an excellent record of performance on prior biennial inspections.
- HNTB has a very knowledgeable inspection team with extensive experience and has demonstrated a strong record of performance for the Authority and other agencies on facility inspections.
- A&W has a proactive management team with a proven record of responsiveness to Authority needs.
- While the remaining firm (SCS) was technically qualified, it had comparably little experience with biennial inspections of this size.

The overall cost of the four recommended 2016 Biennial Contracts reflects an increase of 16.7% compared with the preceding 2014 Biennial Contracts (PSC-13-2944). This is generally due to the increased level of effort required due to new federal and state mandatory requirements. The tabulation below represents a summary of costs for the 2014 Biennial Contracts, and the costs proposed, estimated and negotiated for the recommended 2016 Biennial Contracts (all excluding allowances).

	2014 Contracts	2016 Contracts			Comparisons	
Group	Amount	B&T Estimate	Proposed	Negotiated	2016 Negotiated vs. 2014	2016 Negotiated vs. Estimate
A	\$1,939,843.00	\$2,396,000.00	\$2,442,383.38	\$2,217,937.38	14.3%	-7.43%
B	\$1,501,010.29	\$2,297,000.00	\$2,485,769.00	\$2,220,090.00	47.9%	-3.35%
C	\$1,940,830.99	\$2,350,000.00	\$2,087,286.12	\$2,053,355.37	5.8%	-12.62%
D	\$ 984,209.51	\$1,181,000.00	\$1,197,047.00	\$1,150,520.00	16.9%	-2.58%

All Groups have additional effort in the 2016 cycle, as compared to the 2014 cycle, for new roadway condition inspection and reporting, as well as implementation of new, more detailed federal reporting standards.

Additionally, Group B is higher (47.9%) than the 2014 contract due to the new task for expansion of the Authority's computerized biennial data information system, addition of a new structural health monitoring task at Piers 56 to 59 at the HRLS, and the addition of the diving inspection task at the HRLS per federal and state requirements.

Group D is also higher (16.9%) than the 2014 contract due to the new task for expansion of the Authority's computerized biennial data information system, and for performing the inspection and developing all required reports for a newly constructed ramp.

Based on the above, the negotiated amounts are considered fair and reasonable. A&W, H&H, HNTB and WSP are each considered to be responsible consultants.

Staff Summary

Summary of 2016 Proposed Contracts			
<u>Group</u>	<u>Negotiated Amount</u>	<u>Allowance</u>	<u>Contract Amount with Allowance</u>
A	\$2,217,937.38	\$750,000.00	\$ 2,967,937.38
B	\$2,220,090.00	\$600,000.00	\$ 2,820,090.00
C	\$2,053,355.37	\$950,000.00	\$ 3,003,355.37
D	\$1,150,520.00	\$400,000.00	\$ 1,550,520.00

The total amount for each contract will include the assigned allowances as shown in the table above. Services under these allowances are to provide support based on the results of the inspection and include: (i) interim or special inspections; (ii) spalling concrete removal supervision; (iii) sign gantries and light pole inspections; (iv) auxiliary design services for the repair of defective structural conditions; (v) preliminary studies and scope development for future capital improvement projects; (vi) auxiliary testing services for elements such as concrete cores, steel coupons, and cable wires and (vii) design of repairs for storm related damages. These services will be provided via work orders on an as-needed basis. The allowances are based on historical costs and will permit B&T to quickly respond to the needs of each facility.

III. D/M/WBE INFORMATION

The MTA Department of Diversity and Civil Rights has established goals of 15% MBE and 15% WBE for each of these contracts. A&W, H&H, HNTB and WSP have each achieved their MWDBE goals on previous MTA contracts.

IV. IMPACT ON FUNDING

Funding in the amount of \$10,341,902.75 is available in the Operating Budget under GFM-518, General Ledger #711101.

V. ALTERNATIVES

There are no recommended alternatives. B&T does not have the resources required to perform these New York State inspection requirements.

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 5 (Final)

Vendor Name (& Location) El Sol Contracting & Construction Corp. / El Sol Limited Enterprises J.V. (Maspeth, NY)		Contract Number RK-65A	AWO/Modification # 5
Contract Title: Bronx Plaza/Structure Rehabilitation at the RFK Bridge			
Contract Term (including Options, if any) December 12, 2014 – June 11, 2019		Original Amount: \$213,400,793.50	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Prior Modifications: \$1,505,679.50	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive		Prior Budgetary Increases: N/A	
Solicitation Type <input type="checkbox"/> RFP <input checked="" type="checkbox"/> Bid <input type="checkbox"/> Other:		Current Amount: \$214,906,473.00	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		This Request: \$1,937,000.00	
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.		% of This Request to Current Amount: .98%	
		% of Modifications (including This Request) to Original Amount: 1.61%	

Discussion:

B&T is seeking the Board's approval under the All-Agency Procurement Guidelines to modify this contract with El Sol Contracting & Construction Corp. / El Sol Limited Enterprises J.V. (El Sol) for additional work to remove and dispose of asbestos containing material in a negotiated amount of \$1,937,000.00.

The Contract as awarded includes: (i) replacement of the RFK bridge deck and some of the supporting superstructure elements of the Bronx Plaza to extend the service life another 50 years; (ii) partial replacement of bridge decks at 2 ramps (the Manhattan to Queens and the Queens to Manhattan ramps); (iii) reconstruction of the Bronx Toll Plaza to provide maximum flexibility for future advancements in toll collection technology; (iv) improved capacity, efficiency, and safety of the Bronx Toll Plaza; (v) bridge painting; and (vi) lead and asbestos abatement in isolated locations.

The Contract requires removal of asbestos containing material (ACM) along the longitudinal block joints within the project limits. During removal of block joints, it was determined that over time, parts of the block joint concrete that came in contact with the ACM had spalled and fallen onto the wood shielding below. After sampling and testing this concrete debris, it was determined that the debris must be removed and disposed of as ACM. The extra work to abate the additional ACM is associated with and integral with the Contract block joint removals and must precede the ongoing Contract demolition and painting operations which are schedule-critical.

El Sol proposed \$2,009,124 for this work; the Engineer's estimate is \$1,956,292. Negotiations were conducted and the parties agreed to an amount of \$1,937,000, which is 1% below the estimate and is fair and reasonable. There is a significant amount of ACM which was not known and could not have been reasonably anticipated, and must be abated immediately in order not to cause costly delays to the project. In order not to impact the critical schedule, El Sol was authorized to proceed with the first section of abatement in the amount of \$372,500 (for 500LF).

Funding for this amendment is available in the 2010-2014 Capital Program under Project D602RK65 Construction.