

Bridges and Tunnels Committee Meeting

July 2016

Bridges & Tunnels Committee Meeting

2 Broadway, 20th Floor Board Room

Monday, 7/25/2016

12:00 - 12:30 PM ET

1. Public Comments Period

2. Approval of Minutes - June 2016

BT Committee Minutes - June 2016 - Page 3

3. Approval of Committee Work Plan

BT Committee Work Plan - Page 8

4. Report on Operations - May 2016

BT Report on Operations - May 2016 - Page 15

5. Safety Report - May 2016

BT Safety Report - May 2016 - Page 28

6. E-ZPass Performance Report - May 2016

BT E-ZPass Performance Report - May 2016 - Page 30

7. Financial Report - May 2016

BT Financial Report - May 2016 - Page 36

8. Capital Program Project Status Report - June 2016

BT Capital Program Project Status Report - June 2016 - Page 50

9. Procurements

BT Procurements - July 2016 - Page 65

Competitive

BT Competitive - Page 68

Date of next meeting: Monday, September 26, 2016 at 12:00 p.m.



Bridges and Tunnels

Minutes of Committee Meeting June 2016

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

June 20, 2016

11:30 a.m.

In attendance were the Honorable:

Mitchell H. Pally

Also in Attendance:
Andrew Albert
Charles G. Moerdler

Donald Spero, President
Pashko Camaj, Acting Vice President of Safety and Health Initiatives
Angelo Cerbone, Assistant Vice President and Controller
James Fortunato, Executive Vice President and Chief of Operations
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
M. Margaret Terry, Senior Vice President and General Counsel

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

June 20, 2016

Minutes of TBTA Committee held June 20, 2016 at 11:30 a.m. A list of those in attendance is attached.

Public Speakers

There was one public speaker. Murray Bodin stated that the world is changing and so is Bridges and Tunnels because it changes, listens and is interested in moving forward.

Minutes

Upon a motion duly made and seconded, the Committee member who was present at the Committee Meeting considered and voted in favor of the minutes of the Committee Meeting held on May 23, 2016, although a Committee Quorum was not present.

Committee Work Plan

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

Mr. Spero also remarked that preliminarily, TBTA had record traffic on June 17, 2016 of approximately 982,000 vehicles, which exceeded the 2003 traffic record.

Report on Operations

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

In April 2016, there were 25.5 million crossings as compared to 24.8 million crossings in April 2015, which is an increase of 2.5%; rainfall amounts totaled 1.7 inches over 11 days in April 2016 versus rainfall amounts of 1.8 inches over 8 days in April 2015; gas prices averaged \$2.17 per gallon in April 2016, which was \$0.35 lower than April 2015; E-ZPass volume increased in April 2016 by 3.2% as compared to April 2015, while crossings using cash and other payment methods decreased by 1.5%; passenger car travel was up by 2.9% and other vehicle travel decreased by 1.5%. Compared to the same periods last year, preliminary traffic figures for May 2016 are 1.9% higher. Memorial Day weekend traffic (Thursday through Monday) was 5.16% higher (4.2 million vehicles) than the 2015 Memorial Day weekend.

Safety Report

With regard to the Report on Safety for April 2016, Mr. Camaj referred the Committee to the charts on page 30 of the Committee materials that include 12-month rolling averages and highlight performance indicators in the categories of customer collisions, customer collisions with injuries, employee accident reports, lost time injuries and contractor injuries. Compared to the previous reporting period, the total customer collision rate increased from 5.68 to 6.33; the total customer injury collision rate increased from 0.94 to 1.03; the number of employee accident reports decreased from 277 to 237 or 14.4%; the rate for employee lost time injuries decreased from 5.6 to 5.3 or 5.4%; and the contractor lost time injury rate decreased from 3.29 to 2.12 or 35.6%. Mr. Camaj mentioned that leading indicator metrics regarding construction safety inspections have continued to increase. Commissioner Pally commented that it is interesting that employee and contractor rates go down yet customer rates go up at the same time and expects it is related to the amount of traffic.

E-ZPass Performance Report

With regard to the E-ZPass Performance Report for April 2016, Mr. Spero stated that the E-ZPass market share was 86.0% or 0.6% higher than the prior April. A total of 21,005 E-ZPass accounts were opened in April 2016, including 9,920 E-ZPass On-the-Go, which is 47% of the accounts opened for the month and more than 1,000 On-the-Go tags were sold in the lanes over three different Saturdays in the last month. Commissioner

Albert commented that the Cross Bay Bridge was the only facility that had fewer E-ZPass customers than the year before and Mr. Spero stated that from a market share perspective it was slightly lower.

Financial Report

Mr. Spero stated that through April 2016, toll revenue was \$582.3 million, which is \$24.5 million or 4.4% higher than plan. Traffic was 4.6% higher against the budget. Preliminary traffic figures for May indicate a 2.2% increase in traffic against plan (approximately 588,000 vehicles), and there is a 1.0% (approximately \$1.6 million) increase in revenue against the budget. Year to date traffic through April was up 6.8% year-over-year (approximately 6.1 million vehicles), and preliminary May traffic was up approximately 1.9%.

Total expenses through April were \$141.5 million, which is \$18.0 million or 11.3% lower than budget. Non-Labor spending was 10.8% lower than plan (\$7.1 million) due to timing of expenses and maintenance and other operating contracts. Labor expenses were approximately \$11.0 million lower (11.6%) as a result of payroll vacancies. Overtime was down 17.7% against plan or \$1.7 million due to the mild winter weather. Total support to mass transit was \$362.3 million, which is \$57.3 million or 18.8% better than plan.

Capital Program Status Report

With regard to the Capital Program Status Report for May 2016, Mr. Keane stated that six commitments were made with a total value of \$26.0 million. Year-to-date, 37 commitments were made with a total value of \$63.0 million, which represents 41% of the planned \$151.8 million 2016 commitments. The most significant commitment was in connection with a Memorandum of Agreement with the New York City Department of Transportation for enabling work for future direct connector ramp construction between the Robert F. Kennedy Bridge and the Harlem River Drive Ramp for \$22.9 million. There were two project completions planned and achieved in May at the Throgs Neck Bridge. One was for a structural repair project and the other was for an Electronic Security System project totaling \$39.5 million. There were 42 task level closeouts in May with a value of \$32.9 million and there have been 59 task level closeouts year-to-date with a value of \$76.8 million.

Commissioner Albert asked when the new ramp from the Robert F. Kennedy Bridge to the Harlem River Drive would be finished. Mr. Keane responded that the work will begin in 2019 and he expects that it will be finished within two to three years – 2021 or 2022.

Procurements

Mr. Masterson stated that there is one (1) procurement totaling \$1.9 million.

Non-Competitive Procurements

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

Competitive Procurements

Mr. Masterson stated that there is one (1) competitive procurement totaling \$1.9 million, which is a modification to a personal service contract for the joint venture of WSP Sells and HNTB to add funding for construction support services for RK-75, Interim Rehabilitation of the Manhattan Plaza at the RFK Bridge, and for RK-65A, Bronx Plaza Structure Rehabilitation. Commissioner Pally asked why there is a reference to a seven years and five months contract. Mr. Masterson responded that it has to do with the design and final construction support services not the construction itself.

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

WSP Sells/HNTB JV.	Contract No. PSC-11-2865	\$1,932,508.08
	B&T is seeking Board approval under the All-Agency Guidelines for Procurement of	

Services to amend this Contract with WSP Sells/HNTB JV. to add funding for construction support services for Project RK-75, Interim Rehabilitation of the Manhattan Plaza at the RFK Bridge and funding for additional construction support services for Project RK-65A, Bronx Plaza Structure Rehabilitation.

The Committee member who was present at the Committee Meeting considered and voted in favor of the competitive procurement, by a vote of one (1) in favor, although a Committee Quorum was not present.

Ratifications

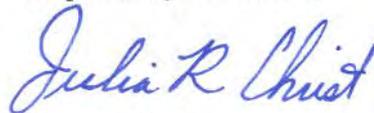
Mr. Masterson stated that there are no ratifications.

Commissioner Moerdler mentioned a recurring Community Board issue regarding whether the southbound bicycle lane on the Henry Hudson Bridge can be expanded by moving the barriers toward the center of the Bridge. He believes that the change would present a historic landmark issue that would need to go through the State for approval and that if the lane were to be expanded it may not be feasible from a traffic standpoint. Mr. Spero agreed that TBTA would look into this matter.

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

<u>TOPIC</u>	<u>Responsibility</u>
Approval of Minutes	Committee Chair & Members
Committee Work Plan	Committee Chair & Members
Report on Operations/Safety	Revenue Management/ Health & Safety
Financial Report	Controller/Planning & Budget
E-ZPass Performance Report	Revenue Management
Capital Program Project Status Report	Engineering & Construction/ Planning & Budget
Procurements	Procurement & Materials
Action Items (if any)	

II. SPECIFIC AGENDA ITEMS

	<u>Responsibility</u>
<u>August 2016</u>	
No meeting scheduled.	
<u>September 2016</u>	
Customer Environment Survey – 2nd Quarter 2016	Operations
2017 Preliminary Budget	Planning & Budget
Diversity Report – 2 nd Quarter 2016	EEO
<u>October 2016</u>	
2017 Preliminary Budget	Planning & Budget
<u>November 2016</u>	
Customer Environment Survey – 3rd Quarter 2016	Operations
2017 Preliminary Budget	Planning & Budget
B&T Committee Charter – Review	MTA Board
<u>December 2016</u>	
2017 Proposed Committee Work Plan	Committee Chair & Members
2017 Proposed Final Budget	Planning & Budget
Diversity Report – 3 rd Quarter 2016	EEO
<u>January 2017</u>	
Approval of 2017 Work Plan	Committee Chair & Members
<u>February 2017</u>	
Preliminary Review of 2016 Operating Budget Results	Planning & Budget
2017 Adopted Budget/Financial Plan 2017-2020	Planning & Budget
2016 B&T Operating Surplus	Controller
Customer Environment Survey – 4 th Quarter 2016	Operations
Diversity Report – 4 th Quarter 2016	EEO

March 2017

Annual Procurement Contracts Report

Procurement & Materials/
Finance

April 2017

Final Review of 2016 Year-End Operating Results

Planning & Budget

May 2017

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

Operations
EEO

June 2017

No items scheduled.

July 2017

No items scheduled.

BRIDGES & TUNNELS COMMITTEE WORK PLAN

Detailed Summary

I. RECURRING

Approval of Minutes

Approval of the official proceedings of the Committee Meeting.

Report on Operations/Safety

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

E-ZPass Performance Report

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

Financial Report

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

Capital Program Project Status Report

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

Procurements

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

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

II. SPECIFIC AGENDA ITEMS

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.

2016 B&T Operating Surplus

The Committee will recommend action to the Board.

Customer Environment Survey – 4th Quarter 2016

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

Diversity Report – 4th Quarter 2016

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

MARCH 2017

Annual Procurement Contracts Report

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

APRIL 2017

Final Review of 2016 Year-End Operating Results

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

MAY 2017

Customer Environment Survey – 1st Quarter 2017

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

Diversity Report – 1st Quarter 2017

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

JUNE 2017

No items scheduled.

JULY 2017

No items scheduled.



Bridges and Tunnels

Report on Operations May 2016



MTA Bridges and Tunnels May 2016 Traffic Trends

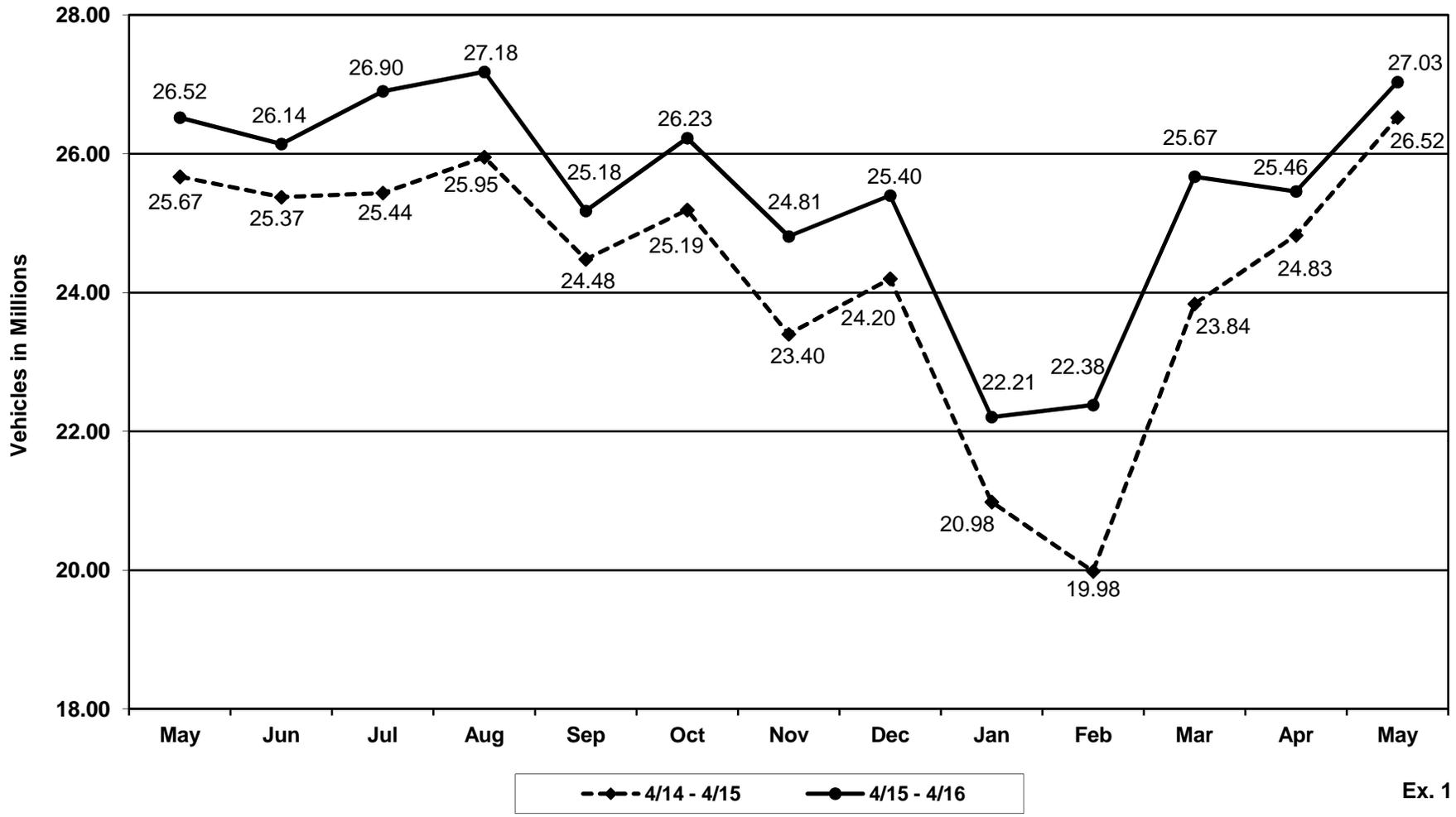
Summary

Traffic was higher on a year-to-year basis, with 27.0 million crossings this month vs. 26.5 million crossings in May 2015 (Exhibit 1).

Rainfall this May was 3.9 inches over 11 days compared to 1.6 inches over 6 days in 2015. Gas prices averaged \$2.33 per gallon this May, which was \$0.45 less than last year at this time.

E-ZPass volume increased in May by 3.2% compared to the same month in 2015, while crossings using cash and other payment methods declined 5.3% (Exhibit 7). Passenger car travel was up 2.0% and other vehicle travel was up 1.0% from May of 2015 (Exhibit 8).

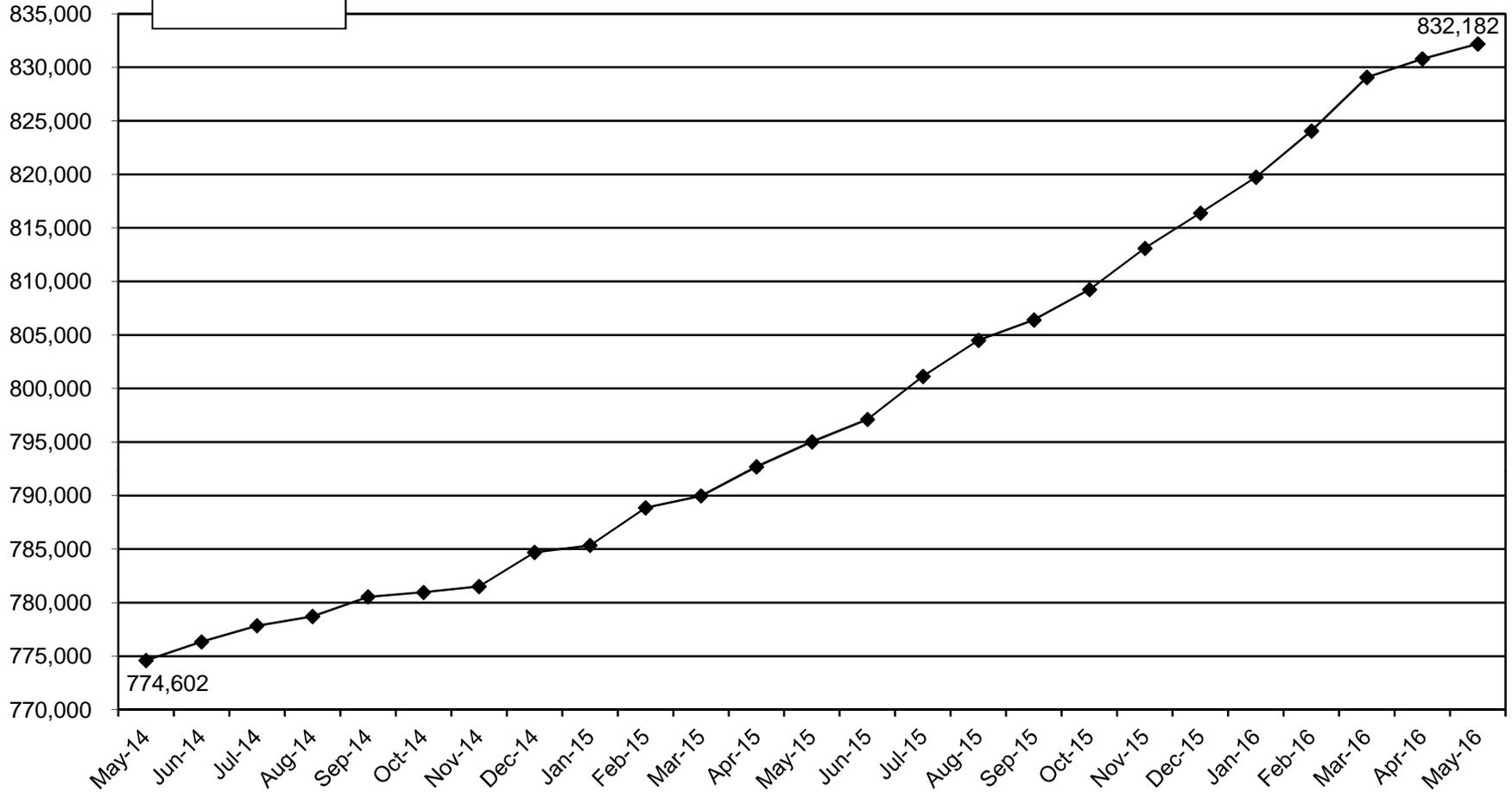
MTA Bridges and Tunnels Traffic Volume - All Facilities Two Years Ending May 2016



Ex. 1

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

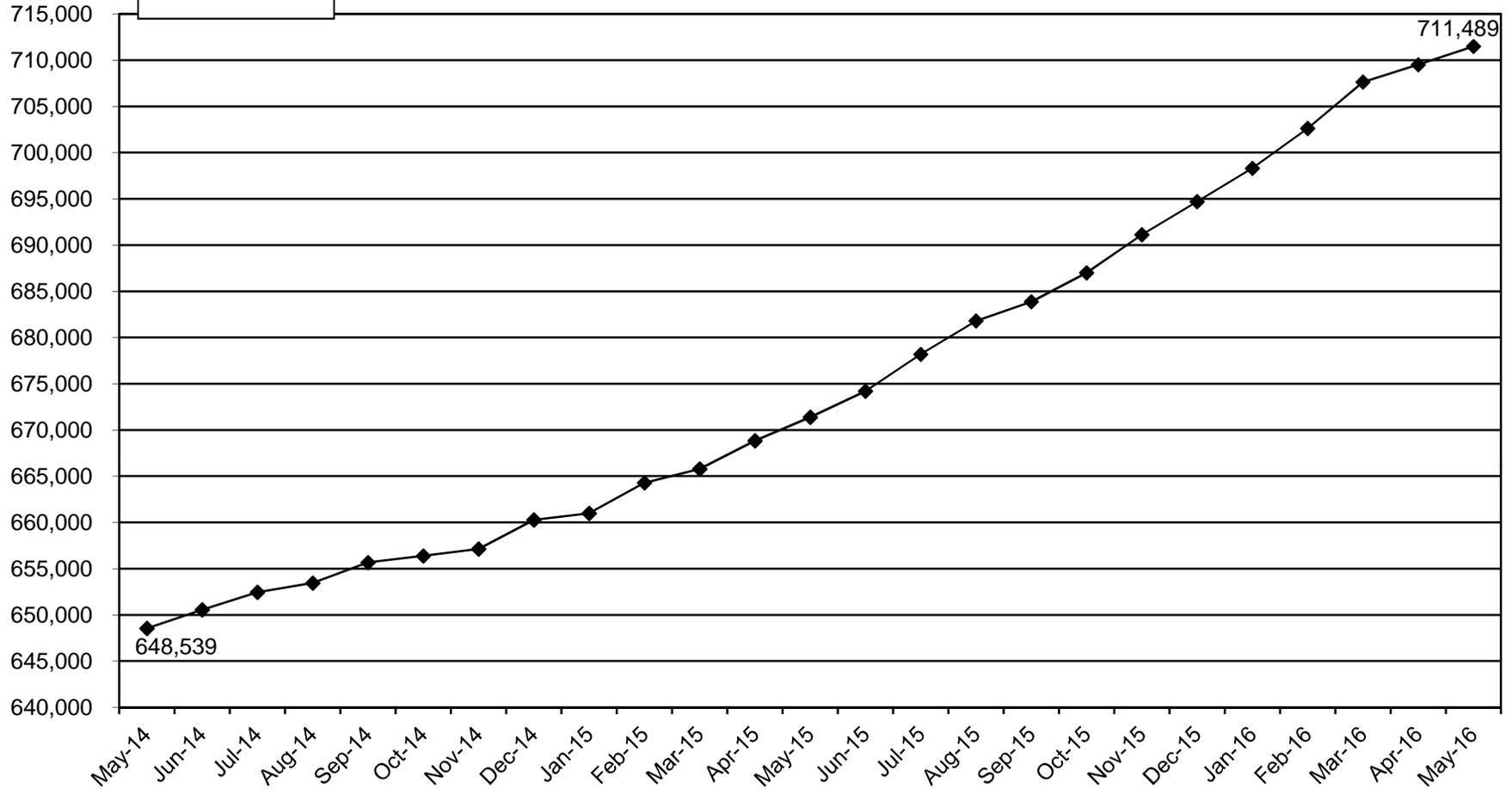
All Vehicles



Ex. 2

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

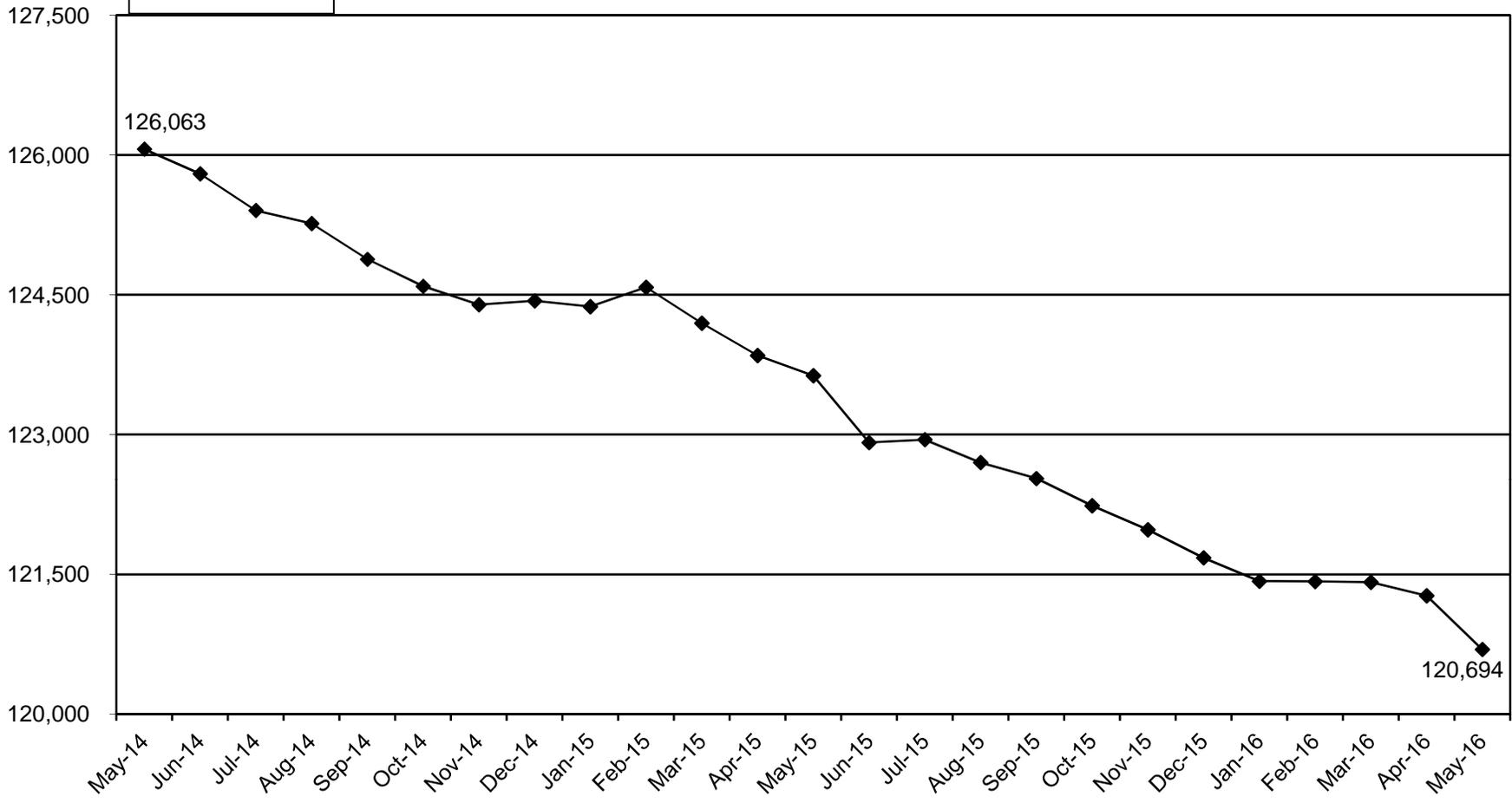
**E-ZPass
Vehicles**



Ex. 3

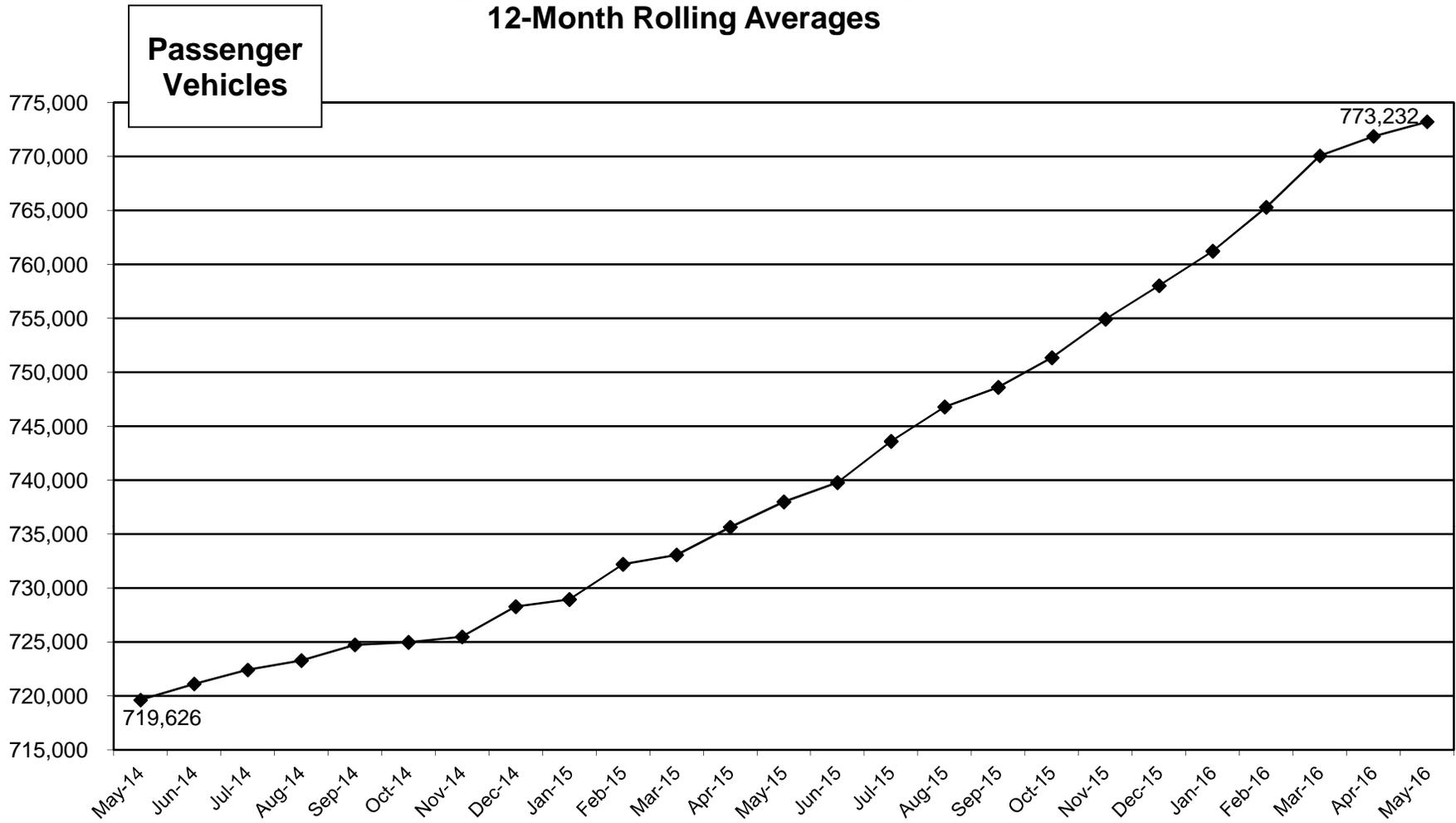
MTA Bridges and Tunnels Average Daily Traffic: May 2014 - May 2016 12-Month Rolling Averages

Cash
Vehicles*



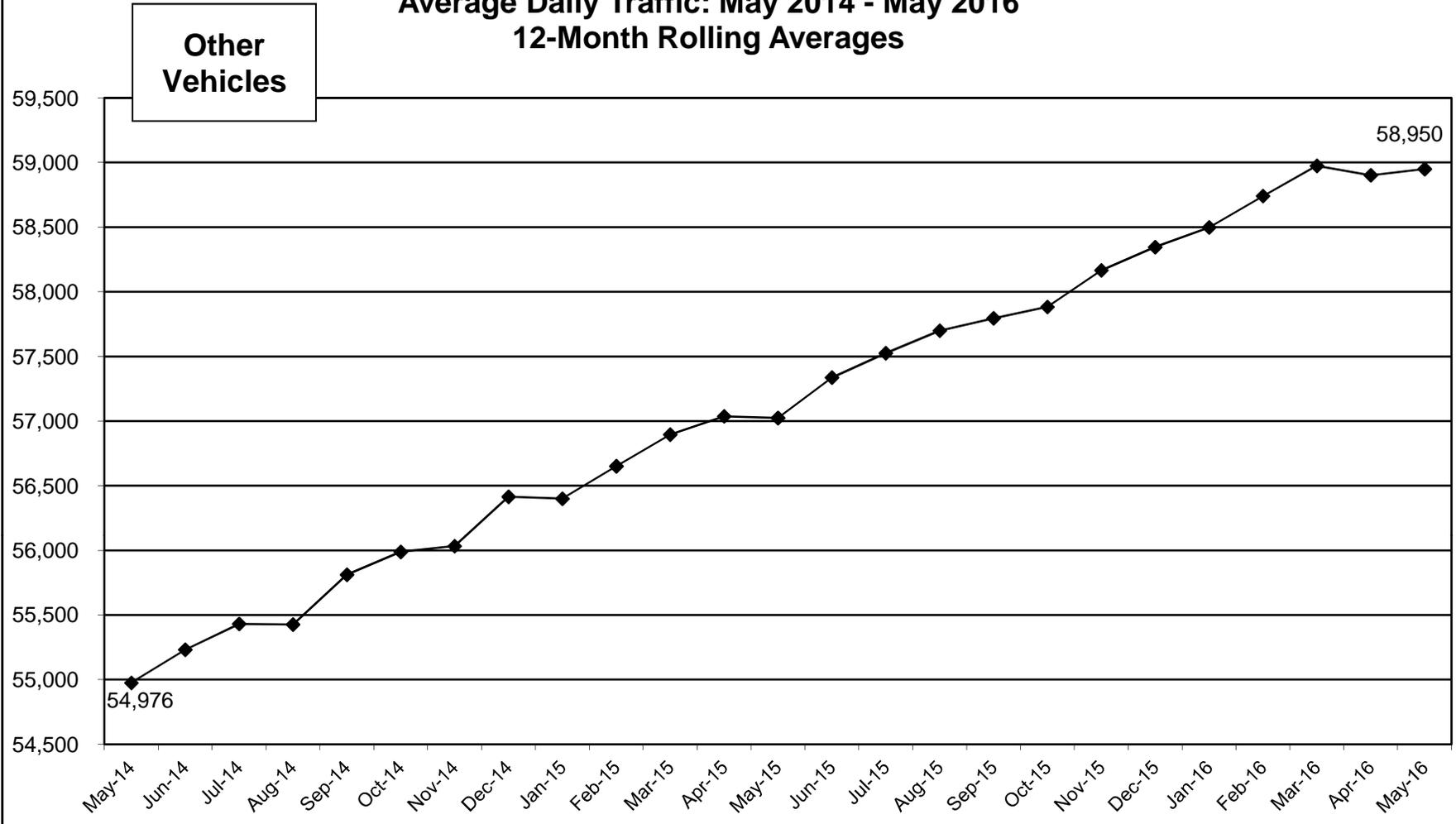
*Includes token, ticket and Tolls by Mail transactions.

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



Ex. 5

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



Ex. 6

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

Corridor	Toll Media	May ⁽¹⁾	3 Months ⁽²⁾ (Mar-May)	6 Months ⁽³⁾ (Dec-May)	9 Months ⁽⁴⁾ (Sep-May)	12 Months ⁽⁵⁾ (Jun-May)
All Facilities	Total Vehicles	1.9%	4.0%	5.0%	4.7%	4.7%
	E-ZPass	3.2%	5.1%	6.2%	6.0%	6.0%
	Cash ⁽⁶⁾	-5.3%	-2.4%	-2.2%	-2.3%	-2.4%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	2.4%	5.0%	6.1%	6.1%	6.0%
	E-ZPass	3.9%	6.3%	7.7%	7.7%	7.6%
	Cash ⁽⁶⁾	-3.4%	-0.4%	-0.4%	-0.4%	-0.7%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-0.9%	0.4%	1.8%	1.7%	2.1%
	E-ZPass	0.4%	1.5%	3.1%	3.0%	3.4%
	Cash ⁽⁶⁾	-9.6%	-7.7%	-7.3%	-7.2%	-6.9%
Verrazano-Narrows Bridge	Total Vehicles	3.6%	5.6%	5.8%	5.2%	4.8%
	E-ZPass	5.1%	6.9%	7.1%	6.5%	6.1%
	Cash ⁽⁶⁾	-5.2%	-2.0%	-2.1%	-2.6%	-3.1%
Henry Hudson Bridge	Total Vehicles	5.4%	6.9%	8.1%	6.8%	6.5%
	E-ZPass	6.1%	7.2%	8.2%	6.7%	6.4%
	Tolls By Mail	-3.9%	1.6%	6.8%	7.8%	7.8%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	0.2%	3.6%	4.8%	5.2%	5.6%
	E-ZPass	1.1%	4.5%	6.0%	6.5%	7.0%
	Cash ⁽⁶⁾	-5.9%	-2.4%	-3.3%	-3.3%	-2.6%

(1) May 2016 vs. May 2015.

(2) March 2016 to May 2016 vs. March 2015 to May 2015.

(3) December 2015 to May 2016 vs. December 2014 to May 2015.

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

(5) June 2015 to May 2016 vs. June 2014 to May 2015.

(6) Includes tokens and tickets.

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

Corridor	Vehicle Type	May ⁽¹⁾	3 Months ⁽²⁾ (Mar-May)	6 Months ⁽³⁾ (Dec-May)	9 Months ⁽⁴⁾ (Sep-May)	12 Months ⁽⁵⁾ (Jun-May)
All Facilities	Total Vehicles	1.9%	4.0%	5.0%	4.7%	4.7%
	Passenger	2.0%	4.2%	5.1%	4.9%	4.8%
	Other	1.0%	1.4%	2.8%	3.0%	3.4%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	2.4%	5.0%	6.1%	6.1%	6.0%
	Passenger	2.5%	5.2%	6.4%	6.3%	6.1%
	Other	1.8%	2.5%	4.0%	4.4%	5.0%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-0.9%	0.4%	1.8%	1.7%	2.1%
	Passenger	-0.9%	0.5%	1.9%	1.9%	2.2%
	Other	-1.0%	-1.0%	0.2%	-0.1%	0.4%
Verrazano-Narrows Bridge	Total Vehicles	3.6%	5.6%	5.8%	5.2%	4.8%
	Passenger	3.7%	5.9%	6.0%	5.4%	4.9%
	Other	1.2%	1.5%	2.5%	2.6%	2.9%
Henry Hudson Bridge	Total Vehicles	5.4%	6.9%	8.1%	6.8%	6.5%
	Passenger	5.5%	6.8%	8.0%	6.7%	6.4%
	Other	5.1%	11.0%	13.8%	15.3%	18.1%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	0.2%	3.6%	4.8%	5.2%	5.6%
	Passenger	0.2%	3.9%	4.9%	5.4%	5.9%
	Other	-0.1%	-0.2%	3.1%	2.0%	0.9%

(1) May 2016 vs. May 2015.

(2) March 2016 to May 2016 vs. March 2015 to May 2015.

(3) December 2015 to May 2016 vs. December 2014 to May 2015.

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

(5) June 2015 to May 2016 vs. June 2014 to May 2015.

Supplemental Data Page for the Report on Operations

<u>Month</u>	<u>Traffic & Average Gas Price¹</u>		<u>Weather²</u>			<u>Precipitation Days</u>
	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	
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	24,808,987	\$2.25	54	1.7	-	5
Dec-15	25,398,337	\$2.18	51	4.3	-	17
Jan-16	22,206,860	\$2.05	36	4.2	28.8	7
Feb-16	22,379,445	\$1.90	39	4.4	5.6	13
Mar-16	25,670,589	\$1.93	49	1.3	1.8	11
Apr-16	25,458,046	\$2.17	53	1.7	-	11
May-16	27,032,901	\$2.33	64	3.9	-	11

Note: Bold numbers are preliminary.

TABLE 2 - Year-over-Year Differences

<u>Month</u>	<u>Traffic & Gas Monthly Inc/(Dec)</u>		<u>Weather Monthly Inc/(Dec)</u>			<u>Precipitation Days</u>
	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	
2015 vs. 2014						
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	1,408,267	(\$0.78)	3	(2.2)	(0)	(3)
December	1,199,721	(\$0.60)	10	(1.8)	(1)	1
2016 vs. 2015						
January	1,223,571	(\$0.25)	6	(0.6)	13	(4)
February	2,395,766	(\$0.43)	15	2.4	(10)	5
March	1,833,944	(\$0.55)	11	(3.2)	(16)	(3)
April	632,989	(\$0.35)	(1)	(0.1)	-	3
May	512,279	(\$0.45)	(3)	2.3	-	5

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

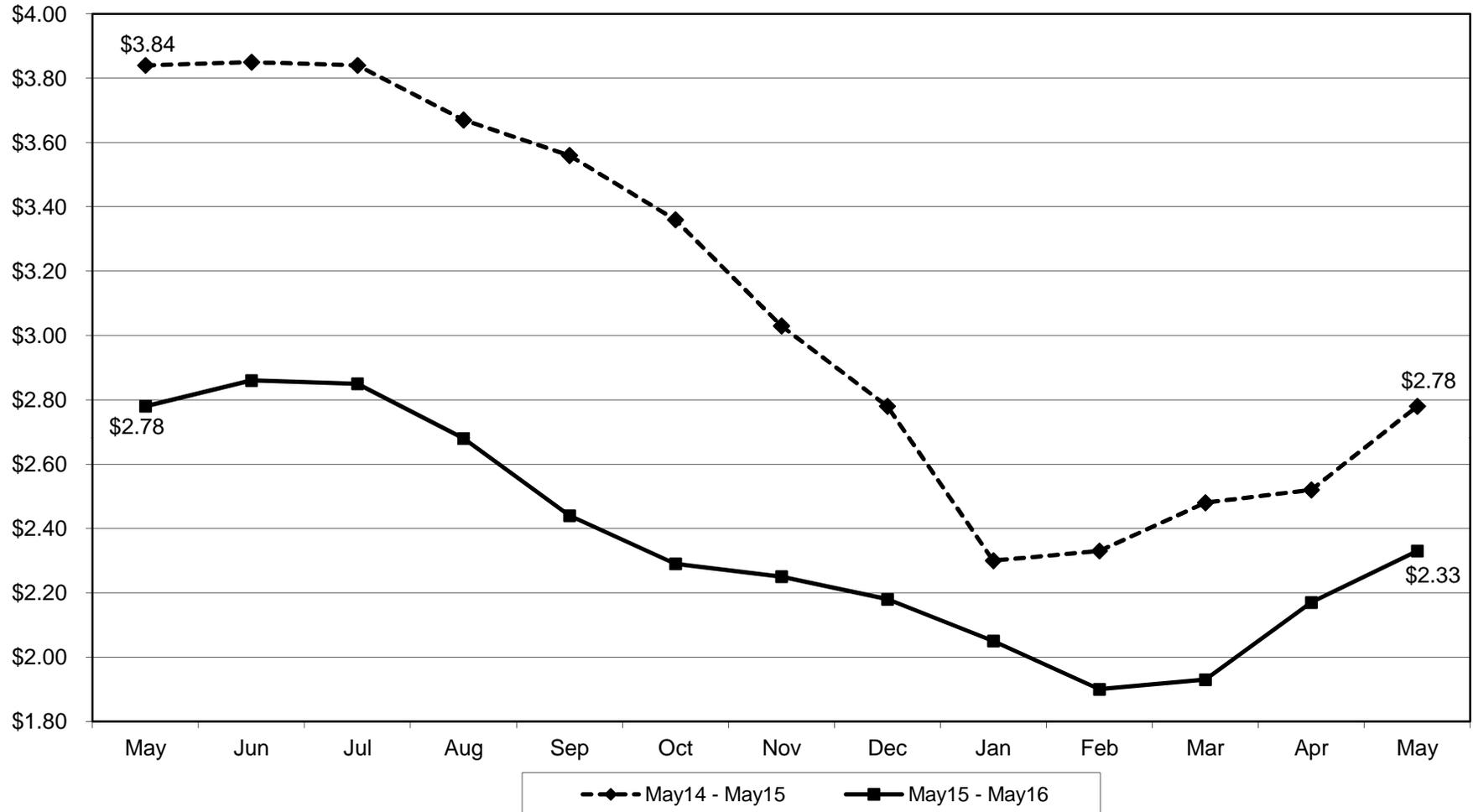
Average Daily Traffic: 12-Month Rolling Averages

<u>Month</u>	<u>All Vehicles¹</u>	<u>E-ZPass</u>	<u>Cash²</u>	<u>Passenger</u>	<u>Other</u>
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	813,097	691,118	121,979	754,931	58,166
Dec-15	816,384	694,706	121,678	758,038	58,346
Jan-16	819,736	698,310	121,426	761,238	58,498
Feb-16	824,042	702,619	121,423	765,302	58,741
Mar-16	829,053	707,637	121,416	770,078	58,975
Apr-16	830,782	709,512	121,271	771,881	58,902
May-16	832,182	711,489	120,694	773,232	58,950

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 May 2014 - May 2016





Bridges and Tunnels

Safety Report May 2016



Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	June 2014 - May 2015	June 2015 - May 2016	% Change
Customer Collisions Rate for Bridge Customers per Million Vehicles	5.63	6.61	17.4%
Customer Injury Collisions Rate for Bridge Customers per Million Vehicles	0.94	1.03	9.6%
Employee Accident Reports	266	241	-9.4%
Employee Lost Time Injuries Rate per 200,000 worker hours	5.1	5.6	9.8%
Construction Injuries per 200,000 worker hours	3.37	2.21	-34.4%

Leading Indicators				
Roadway Safety	2015		2016	
	May	Year End	May	Year to Date
Workforce Development (# of Participants)	165	1687	150	364
Fleet Preventative Maintenance Insp.	83	1186	120	505
Safety Taskforce Inspections	0	12	1	3
Construction Safety	May	Year End	May	Year to Date
Construction Safety Inspections	249	3419	369	1656
Fire Safety	May	Year End	May	Year to Date
Fire Code Audits Completed	1	13	1	4
FDNY Liaison Visits	12	23	2	8

Definitions:

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

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

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

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

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

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



Bridges and Tunnels

E-ZPass Performance Report May 2016



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

E-ZPass Performance at All B&T Facilities			
	May 2016	Year to Date	May 2015
Total E-ZPass Traffic ¹	23,221,011	105,709,632	22,497,463
<i>E-ZPass Market Share: Total</i>	85.9%	86.1%	84.8%
Cars	85.4%	85.6%	84.3%
Trucks	92.9%	93.4%	92.1%

Weekday E-ZPass Performance by Facility²			
Facility	May Average E-Zpass Weekday Traffic and Market Share		
	2016 Average Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	106,337	82.6%	82.3%
Cross Bay Veterans Memorial Bridge	21,401	87.5%	87.4%
Henry Hudson Bridge	70,545	94.7%	94.4%
Hugh L. Carey Tunnel	52,371	91.7%	91.0%
Marine Parkway-Gil Hodges Memorial Bridge	21,134	90.5%	89.6%
Queens Midtown Tunnel	77,406	91.2%	90.3%
Robert F. Kennedy Bridge - Bronx Plaza	68,688	80.6%	79.4%
Robert F. Kennedy Bridge - Manhattan Plaza	85,963	87.7%	87.2%
Throgs Neck Bridge	105,588	86.5%	85.5%
Verrazano-Narrows Bridge ¹	<u>177,165</u>	<u>88.7%</u>	<u>87.9%</u>
All Facilities ¹	786,598	87.6%	86.9%

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
May 2016**
Preliminary data subject to final audit

Weekday Peak Hour E-ZPass Performance by Facility³				
Facility	May E-ZPass Market Share			
	2016 AM Peak	2015 AM Peak	2016 PM Peak	2015 PM Peak
Bronx-Whitestone Bridge	87.8%	87.3%	83.9%	83.5%
Cross Bay Veterans Memorial Bridge	91.6%	91.1%	88.0%	87.8%
Henry Hudson Bridge	96.4%	92.2%	95.0%	90.0%
Hugh L. Carey Tunnel	94.9%	94.0%	91.4%	91.1%
Marine Parkway-Gil Hodges Memorial Bridge	93.2%	92.5%	90.5%	89.8%
Queens Midtown Tunnel	93.4%	91.1%	91.5%	90.6%
Robert F. Kennedy Bridge - Bronx Plaza	85.8%	84.7%	81.7%	80.3%
Robert F. Kennedy Bridge - Manhattan Plaza	90.3%	90.0%	88.6%	87.9%
Throgs Neck Bridge	90.9%	90.3%	86.9%	86.6%
Verrazano-Narrows Bridge ⁴	N/A	N/A	91.3%	90.7%
All Facilities	91.0%	89.8%	88.6%	87.6%

Weekend E-ZPass Performance by Facility			
Facility	May Average E-ZPass Weekend Traffic and Market Share		
	2016 Avg. Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	97,460	75.7%	75.2%
Cross Bay Veterans Memorial Bridge	17,224	81.5%	81.5%
Henry Hudson Bridge	60,421	92.3%	91.4%
Hugh L. Carey Tunnel	37,751	87.5%	86.1%
Marine Parkway-Gil Hodges Memorial Bridge	17,367	86.1%	85.5%
Queens Midtown Tunnel	56,715	86.8%	85.4%
Robert F. Kennedy Bridge - Bronx Plaza	60,783	73.5%	72.1%
Robert F. Kennedy Bridge - Manhattan Plaza	72,600	83.0%	81.9%
Throgs Neck Bridge	101,911	80.8%	80.0%
Verrazano-Narrows Bridge ¹	<u>154,381</u>	82.9%	81.4%
All Facilities ¹	676,613	81.8%	80.8%

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
May 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	May 2016 Total B&T E-ZPass Transactions	May 2016 Percentage of B&T Total Transactions	May 2015 Percentage of B&T Total Transactions
New York State Thruway Authority ⁶	1,995,592	8.31%	8.06%
Port Authority of NY and NJ	1,257,169	5.23%	5.18%
New Jersey Toll Agencies ⁷	1,236,546	5.15%	5.42%
Massachusetts Turnpike Authority ⁸	150,792	0.63%	0.65%
Pennsylvania Turnpike Commission	110,356	0.46%	0.43%
Maryland Transportation Authority	45,276	0.19%	0.17%
Virginia Department of Transportation ⁹	38,898	0.16%	0.15%
New Hampshire Department of Transportation	18,132	0.08%	0.08%
Delaware Department of Transportation	18,509	0.08%	0.07%
Other ¹⁰	<u>54,952</u>	<u>0.23%</u>	<u>0.22%</u>
Total	4,926,222	20.51%	20.42%

Other Agency B&T E-ZPass Transactions			
Agency Used By B&T Customers	May 2016	YTD 2016	May 2015
New York State Thruway Authority ⁶	3,031,323	13,090,558	2,963,659
Port Authority of NY and NJ	3,724,375	16,839,202	3,537,745
New Jersey Toll Agencies ⁷	6,456,536	28,416,280	6,157,847
New York State Bridge Authority	302,173	1,281,041	285,073
Massachusetts Turnpike Authority ⁸	666,372	2,811,301	651,087
Pennsylvania Turnpike Commission	360,717	1,519,573	286,866
Maryland Transportation Authority	425,197	1,802,450	419,928
Virginia Department of Transportation ⁹	218,039	966,195	212,187
New Hampshire Department of Transportation	120,381	500,313	112,960
Delaware Department of Transportation	314,880	1,244,626	302,042
Other ¹⁰	<u>452,105</u>	<u>1,811,341</u>	<u>401,268</u>
Total	16,072,098	70,282,880	15,330,662

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
May 2016
Preliminary data subject to final audit

E-ZPass Customer Service Statistics

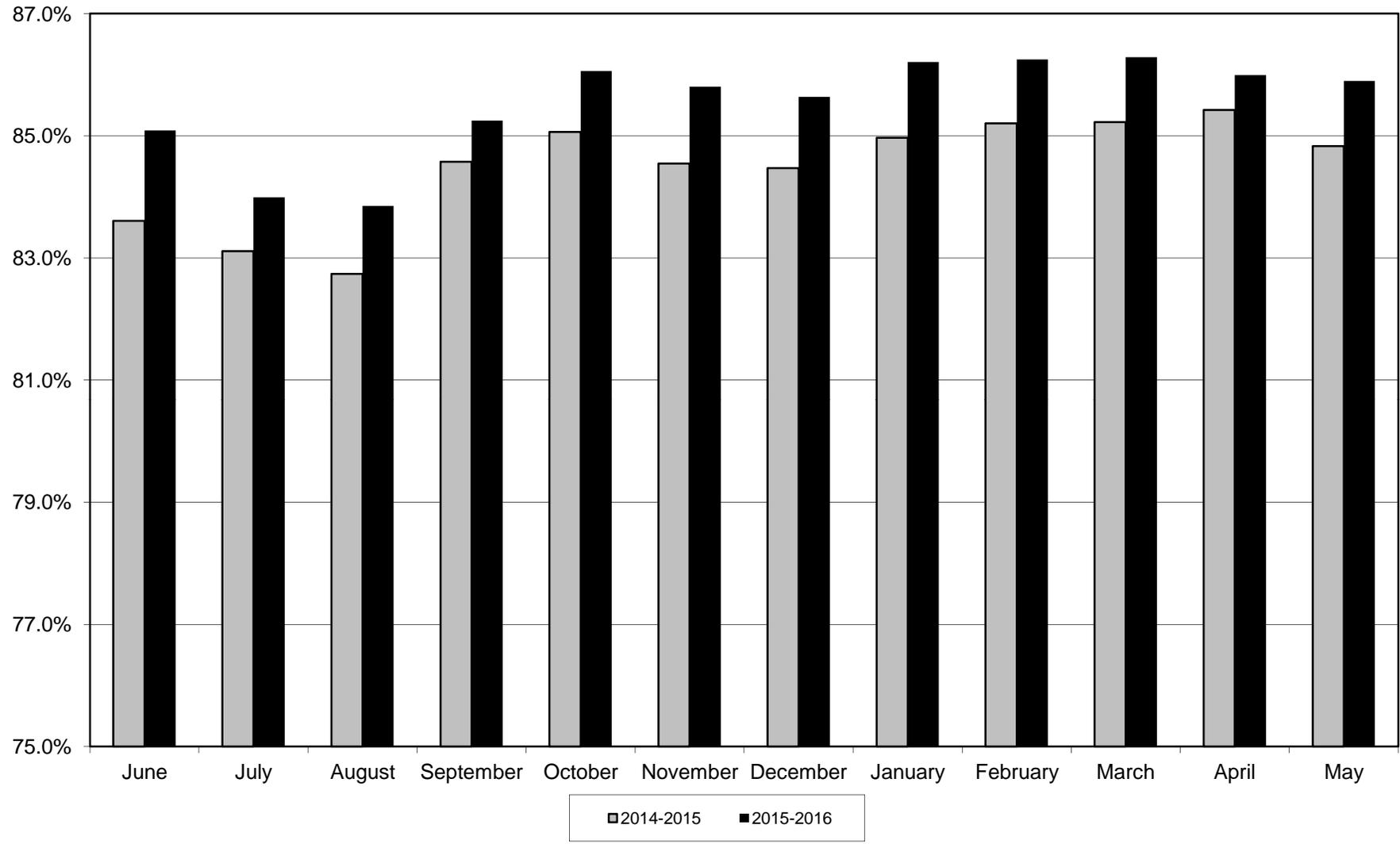
MTA Bridges and Tunnels Customers			
	May 2016	YTD 2016	YTD 2015
Accounts Opened:			
Internet	9,165	37,126	35,340
Walk-In	2,732	12,680	12,227
Mail	236	1,386	1,278
On-The-Go	<u>11,418</u>	<u>45,718</u>	<u>43,582</u>
Total Accounts Opened	23,551	96,910	92,427
Total Active Accounts		2,980,578	2,805,141
Number of E-ZPass Tags Issued ¹¹	53,112	234,596	242,017
Total Active Tags ¹²		4,740,061	4,475,965
Total Reload Cards Distributed	1,694	159,842	125,944
Reload Card % of Cash Replenishments	17.5%	17.0%	15.1%

Customer Service Indicators			
	May 2016	YTD 2016	YTD 2015
Phone Calls Answered by Customer Service Center:			
Customer Service Representatives	277,822	1,311,824	1,192,324
Automated System	<u>608,524</u>	<u>2,865,252</u>	<u>2,506,341</u>
Total Phone Calls Answered	886,346	4,177,076	3,698,665
Average Phone Call Waiting Time (in min.):			
General Call Unit	0.10	0.14	0.24
Commercial Call Unit	0.25	0.32	0.54
Avg. Monthly B&T E-ZPass Trips Per Account	6.17	5.66	5.64
Average Number of Active Tags Per Account	1.59	1.59	1.60

E-ZPass Tag Replacement Program			
	May 2016	YTD 2016	2011-2016
Number of Replacement Tags Mailed	4,981	65,552	1,901,684
Number of Tags Returned ¹³	5,769	71,286	1,870,053
Number of Tags Pending Return	N/A	N/A	31,631

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 June 2014 through May 2016





Bridges and Tunnels

Financial Report May 2016



MTA BRIDGES & TUNNELS
STATEMENT OF NET POSITION

As of May 31, 2016
(in thousands)

ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

CURRENT ASSETS:

Cash-Unrestricted	19,210
Investments:	
Unrestricted	100,454
Restricted	859,710
Accrued interest receivable	997
Accounts receivable	28,352
Tolls due from other agencies	31,672
Prepaid expenses	<u>3,953</u>
 Total current assets	 <u>1,044,349</u>

NONCURRENT ASSETS:

Investments:	
Restricted	107,506
Insurance recovery receivable	126,325
Facilities, less acc.dep of \$1,292,984	4,785,359
Capital lease 2 Broadway net acc. dep.	40,600
Derivative Hedge Assets	3,580
Security Deposits	<u>11,600</u>
 Total noncurrent assets	 <u>5,074,969</u>

TOTAL ASSETS: 6,119,318

DEFERRED OUTFLOWS OF RESOURCES:

Deferred outflows of resources related to Pension	67,128
Accumulated decreases in fair value of derivative instruments	160,954
Defeasance costs	<u>155,169</u>

TOTAL DEFERRED OUTFLOWS OF RESOURCES: 383,250

TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES 6,502,568

MTA BRIDGES & TUNNELS
STATEMENT OF NET POSITION

As of May 31, 2016
(in thousands)

LIABILITIES AND INFLOWS OF RESOURCES

CURRENT LIABILITIES:

Current portion-long term debt	212,379
Interest Payable	29,882
Accounts Payable	63,370
Payable to MTA-CAP	59,714
Due to MTA-Operating Expenses	5,642
Due to NYCTA-Operating Expenses	880
Accrued salaries	14,929
Accrued Vac & Sick Benefits	18,373
Current portion of estimated liability arising from injury	13,592
Current portion of capital lease obligation	6,117
Pollution remediation projects	1,829
Due to New York City Transit Authority	43,144
Due to Metropolitan Transportation Authority	57,168
Unredeemed Tolls	151,831
Tolls due to other agencies	53,283
E-ZPass Airport Toll Liability	<u>5,852</u>
 Total current liabilities	 <u>737,986</u>

NONCURRENT LIABILITIES:

Long term debt	9,021,022
Post Employment Benefits Other than Pensions	601,844
Estimated liability arising from injury	27,271
Capital lease obligations	139,782
Derivative Hedge Liabilities	165,166
Net Pension Liability	243,901
Security deposits-Contra	<u>11,600</u>
 Total noncurrent liabilities	 <u>10,210,586</u>

DEFERRED INFLOW OF RESOURCES

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

10,996,578

NET POSITION

-4,494,010 *

TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES & NET POSITION

6,502,568

*The negative Net Position of \$4,493,844 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
May 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	161.739	163.468	1.729	1.1	0.000	0.000	0.000	-	161.739	163.468	1.729	1.1
Other Operating Revenue	1.924	2.454	0.530	27.5	0.000	0.000	0.000	-	1.924	2.454	0.530	27.5
Capital & Other Reimbursements	0.000	0.000	0.000	-	1.929	1.572	(0.357)	(18.5)	1.929	1.572	(0.357)	(18.5)
Investment Income	0.036	0.035	(0.000)	(1.2)	0.000	0.000	0.000	-	0.036	0.035	(0.000)	(1.2)
Total Revenue	\$163.699	\$165.957	\$2.259	1.4	\$1.929	\$1.572	(\$0.357)	(18.5)	\$165.628	\$167.529	\$1.901	1.1
Expenses												
<i>Labor:</i>												
Payroll	\$11.384	\$10.064	\$1.320	11.6	\$0.819	\$0.618	\$0.201	24.5	\$12.203	\$10.682	\$1.521	12.5
Overtime	2.146	1.815	0.331	15.4	0.130	0.061	0.069	53.1	2.276	1.876	0.400	17.6
Health and Welfare	2.544	2.101	0.442	17.4	0.202	0.140	0.062	30.8	2.746	2.241	0.505	18.4
OPEB Current Payment	1.501	1.623	(0.122)	(8.1)	0.000	0.000	0.000	-	1.501	1.623	(0.122)	(8.1)
Pensions	3.063	3.137	(0.074)	(2.4)	0.237	0.165	0.072	30.5	3.300	3.302	(0.002)	(0.1)
Other Fringe Benefits	0.984	0.844	0.139	14.2	0.114	0.079	0.035	31.0	1.098	0.923	0.175	15.9
Reimbursable Overhead	(0.427)	(0.509)	0.082	19.2	0.427	0.509	(0.082)	(19.2)	0.000	0.000	0.000	-
Total Labor Expenses	\$21.194	\$19.075	\$2.119	10.0	\$1.929	\$1.572	\$0.357	18.5	\$23.123	\$20.647	\$2.477	10.7
<i>Non-Labor:</i>												
Electric Power	\$0.467	\$0.322	\$0.145	31.0	\$0.000	\$0.000	\$0.000	-	\$0.467	\$0.322	\$0.145	31.0
Fuel	0.242	0.095	0.146	60.5	0.000	0.000	0.000	-	0.242	0.095	0.146	60.5
Insurance	1.258	1.147	0.110	8.8	0.000	0.000	0.000	-	1.258	1.147	0.110	8.8
Claims	0.000	0.006	(0.006)	-	0.000	0.000	0.000	-	0.000	0.006	(0.006)	-
Paratransit Service Contracts	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Maintenance and Other Operating Contracts	7.842	7.118	0.724	9.2	0.000	0.000	0.000	-	7.842	7.118	0.724	9.2
Professional Service Contracts	3.221	2.149	1.073	33.3	0.000	0.000	0.000	-	3.221	2.149	1.073	33.3
Materials & Supplies	0.340	0.119	0.220	64.9	0.000	0.000	0.000	-	0.340	0.119	0.220	64.9
Other Business Expenses	2.474	1.631	0.844	34.1	0.000	0.000	0.000	-	2.474	1.631	0.844	34.1
Total Non-Labor Expenses	\$15.844	\$12.587	\$3.257	20.6	\$0.000	\$0.000	\$0.000	-	\$15.844	\$12.587	\$3.257	20.6
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.	\$37.038	\$31.662	\$5.376	14.5	\$1.929	\$1.572	\$0.357	18.5	\$38.967	\$33.234	\$5.733	14.7
Depreciation	\$10.123	\$9.791	\$0.333	3.3	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.791	\$0.333	3.3
OPEB Obligation	6.151	5.558	0.593	9.6	0.000	0.000	0.000	-	6.151	5.558	0.593	9.6
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$53.311	\$47.010	\$6.301	11.8	\$1.929	\$1.572	\$0.357	18.5	\$55.241	\$48.582	\$6.659	12.1
Less: Depreciation	\$10.123	\$9.791	\$0.333	3.3	\$0.000	\$0.000	\$0.000	-	\$10.123	\$9.791	\$0.333	3.3
Less: OPEB Obligation	6.151	5.558	0.593	9.6	0.000	0.000	0.000	-	6.151	5.558	0.593	9.6
Total Expenses	\$37.038	\$31.662	\$5.376	14.5	\$1.929	\$1.572	\$0.357	18.5	\$38.967	\$33.234	\$5.733	14.7
Net Surplus/(Deficit)	\$126.661	\$134.295	\$7.634	6.0	\$0.000	\$0.000	\$0.000	-	\$126.661	\$134.295	\$7.634	6.0

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
May 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
Net Income/(Deficit)									\$126.661	\$134.295	\$7.634	6.0
Less: Capitalized Assets Reserves									1.494	1.728	(0.234)	(15.7)
GASB Reserves									2.240	2.240	0.000	0.0
									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$122.927	\$130.327	\$7.400	6.0
Less: Debt Service									54.072	53.654	0.418	0.8
Income Available for Distribution									\$68.855	\$76.674	\$7.819	11.4
Distributable To:												
MTA - Investment Income									0.036	0.035	(0.000)	(1.2)
MTA - Distributable Income									34.436	43.270	8.834	25.7
NYCTR - Distributable Income									25.144	33.369	8.225	32.7
Total Distributable Income									\$59.615	\$76.674	\$17.058	28.6
Support to Mass Transit:												
Total Revenues									165.628	167.529	1.901	1.1
Less: Total Operating Expenses									<u>38.967</u>	<u>33.234</u>	<u>5.733</u>	14.7
Net Operating Income/(Deficit)									\$126.661	\$134.295	\$7.634	6.0
Deductions from Net Operating Income:												
Capitalized Assets Reserves									1.494	1.728	(0.234)	(15.7)
B&T Debt Service									2.240	2.240	0.000	0.0
GASB Reserves									23.456	21.862	1.595	6.8
									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$27.190	\$25.829	\$1.361	5.0
Total Support to Mass Transit									\$99.471	\$108.466	\$8.995	9.0

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

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
May 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	719.562	745.782	26.220	3.6	0.000	0.000	0.000	-	719.562	745.782	26.220	3.6
Other Operating Revenue	9.622	13.193	3.571	37.1	0.000	0.000	0.000	-	9.622	13.193	3.571	37.1
Capital & Other Reimbursements	0.000	0.000	0.000	-	9.647	8.106	(1.541)	(16.0)	9.647	8.106	(1.541)	(16.0)
Investment Income	0.178	0.166	(0.012)	(6.6)	0.000	0.000	0.000	-	0.178	0.166	(0.012)	(6.6)
Total Revenue	\$729.362	\$759.141	\$29.779	4.1	\$9.647	\$8.106	(\$1.541)	(16.0)	\$739.009	\$767.247	\$28.238	3.8
Expenses												
<i>Labor:</i>												
Payroll	\$55.526	\$48.780	\$6.746	12.1	\$4.093	\$3.176	\$0.917	22.4	\$59.619	\$51.956	\$7.663	12.9
Overtime	11.288	9.471	1.817	16.1	0.650	0.352	0.298	45.8	11.938	9.823	2.115	17.7
Health and Welfare	12.719	10.287	2.432	19.1	1.011	0.722	0.289	28.6	13.730	11.009	2.721	19.8
OPEB Current Payment	7.505	7.483	0.022	0.3	0.000	0.000	0.000	-	7.505	7.483	0.022	0.3
Pensions	15.314	15.662	(0.348)	(2.3)	1.186	0.846	0.340	28.7	16.500	16.508	(0.008)	(0.0)
Other Fringe Benefits	7.533	6.761	0.772	10.2	0.572	0.408	0.164	28.7	8.105	7.169	0.936	11.5
Reimbursable Overhead	(2.135)	(2.602)	0.467	21.9	2.135	2.602	(0.467)	(21.9)	0.000	0.000	0.000	-
Total Labor Expenses	\$107.750	\$95.843	\$11.907	11.1	\$9.647	\$8.106	\$1.541	16.0	\$117.397	\$103.949	\$13.448	11.5
<i>Non-Labor:</i>												
Electric Power	\$2.335	\$2.357	(\$0.022)	(1.0)	\$0.000	\$0.000	\$0.000	-	\$2.335	\$2.357	(\$0.022)	(1.0)
Fuel	1.281	0.578	0.703	54.9	0.000	0.000	0.000	-	1.281	0.578	0.703	54.9
Insurance	6.088	5.744	0.344	5.7	0.000	0.000	0.000	-	6.088	5.744	0.344	5.7
Claims	0.000	0.006	(0.006)	-	0.000	0.000	0.000	-	0.000	0.006	(0.006)	-
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	40.808	33.229	7.580	18.6	0.000	0.000	0.000	-	40.808	33.229	7.580	18.6
Professional Service Contracts	16.283	14.284	1.999	12.3	0.000	0.000	0.000	-	16.283	14.284	1.999	12.3
Materials & Supplies	1.666	1.386	0.280	16.8	0.000	0.000	0.000	-	1.666	1.386	0.280	16.8
Other Business Expenses	12.676	13.241	(0.566)	(4.5)	0.000	0.000	0.000	-	12.676	13.241	(0.566)	(4.5)
Total Non-Labor Expenses	\$81.137	\$70.824	\$10.312	12.7	\$0.000	\$0.000	\$0.000	-	\$81.137	\$70.824	\$10.312	12.7
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.	\$188.887	\$166.667	\$22.219	11.8	\$9.647	\$8.106	\$1.541	16.0	\$198.534	\$174.773	\$23.760	12.0
Depreciation	\$49.637	\$39.083	\$10.554	21.3	\$0.000	\$0.000	\$0.000	-	\$49.637	\$39.083	\$10.554	21.3
OPEB Obligation	30.753	22.825	7.928	25.8	0.000	0.000	0.000	-	30.753	22.825	7.928	25.8
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$269.276	\$228.575	\$40.701	15.1	\$9.647	\$8.106	\$1.541	16.0	\$278.923	\$236.681	\$42.242	15.1
Less: Depreciation	\$49.637	\$39.083	\$10.554	21.3	\$0.000	\$0.000	\$0.000	-	\$49.637	\$39.083	\$10.554	21.3
Less: OPEB Obligation	30.753	22.825	7.928	25.8	0.000	0.000	0.000	-	30.753	22.825	7.928	25.8
Total Expenses	\$188.887	\$166.667	\$22.219	11.8	\$9.647	\$8.106	\$1.541	16.0	\$198.534	\$174.773	\$23.760	12.0
Net Surplus/(Deficit)	\$540.475	\$592.473	\$51.998	9.6	\$0.000	\$0.000	\$0.000	-	\$540.475	\$592.473	\$51.998	9.6

Differences are due to rounding.
*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2016 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
May Year-To-Date
(\$ 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)									\$540.475	\$592.473	\$51.998	9.6
Less: Capitalized Assets									7.470	3.997	\$3.473	46.5
Reserves									11.200	11.200	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$521.805	\$577.276	\$55.471	10.6
Less: Debt Service									270.360	265.399	4.961	1.8
Income Available for Distribution									\$251.445	\$311.877	\$60.432	24.0
Distributable To:												
MTA - Investment Income									0.178	0.166	(0.012)	(6.6)
MTA - Distributable Income									148.865	181.592	32.727	22.0
NYCTR - Distributable Income									102.402	130.119	27.717	27.1
Total Distributable Income									\$251.445	\$311.877	\$60.432	24.0
Support to Mass Transit:												
Total Revenues									739.009	767.247	28.238	3.8
Less: Total Operating Expenses									<u>198.534</u>	<u>174.773</u>	<u>23.760</u>	12.0
Net Operating Income/(Deficit)									\$540.475	\$592.473	\$51.998	9.6
Deductions from Net Operating Income:												
Capitalized Assets									7.470	3.997	3.473	46.5
Reserves									11.200	11.200	0.000	0.0
B&T Debt Service									117.282	106.497	10.785	9.2
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$135.952	\$121.694	\$14.258	10.5
Total Support to Mass Transit									\$404.523	\$470.779	\$66.256	16.4

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)

Generic Revenue or Expense Category	Favorable/ (Unfavorable) Variance		May 2016	Favorable/ (Unfavorable) Variance		Year-to-Date
	\$	%	Reason for Variance	\$	%	Reason for Variance
Nonreimbursable						
Vehicle Toll Revenue	1.729	1.1%	Higher toll revenue due to 2.2% higher traffic	26.220	3.6%	Higher toll revenue due to traffic volume that was 4.1% above budgeted expectations
Other Operating Revenue	0.530	27.5%	Higher Other Operating Revenue primarily due to higher E-ZPass and other toll collection fees	3.571	37.1%	Higher Other Operating Revenue primarily due to higher E-ZPass and other toll collection fees
Investment Income	(0.000)	-1.2%	Minor variance	(0.012)	-6.6%	Minor variance
Payroll	1.320	11.6%	Lower payroll expenses against the YTD budget allocation primarily due to vacancies	6.746	12.1%	Lower payroll expenses against the YTD budget allocation primarily due to vacancies
Overtime	0.331	15.4%	See overtime tables	1.817	16.1%	See overtime tables
Health and Welfare	0.442	17.4%	Lower expenses primarily due to vacancies and the timing of expenses against the monthly budget allocation	2.432	19.1%	Lower expenses primarily due to vacancies and the timing of expenses against the YTD budget allocation
OPEB Current Payment	(0.122)	-8.1%	Minor variance	0.022	0.3%	Minor variance
Pensions	(0.074)	-2.4%	Higher non-reimbursable expenses due to lower than allocated capital reimbursement offsets. Total non-reimbursable and reimbursable variance is minor	(0.348)	-2.3%	Higher non-reimbursable expenses due to lower than allocated capital reimbursement offsets. Total non-reimbursable and reimbursable variance is minor
Other Fringe Benefits	0.139	14.2%	Lower expenses primarily due to vacancies	0.772	10.2%	Lower expenses primarily due to vacancies
Electric Power	0.145	0.7%	Lower electricity expenses primarily due to timing against the monthly budget allocation	(0.022)	-1.0%	Higher electricity expenses primarily due to timing of payments against the YTD budget allocation
Fuel	0.146	60.5%	Lower fuel expenses primarily due to timing against the monthly budget allocation	0.703	54.9%	Lower fuel expenses primarily due to timing against the YTD budget allocation
Insurance	0.110	8.8%	Lower insurance expenses primarily due to timing against the monthly budget allocation	0.344	5.7%	Lower insurance expenses primarily due to timing against the YTD budget allocation
Maintenance and Other Operating Contracts	0.724	9.2%	Lower expenses primarily due to the timing of expenses across several miscellaneous maintenance contracts against the monthly budget allocation.	7.580	18.6%	Lower expenses primarily due to the timing of Major Maintenance & Bridge Painting (\$1.689M), several miscellaneous maintenance contracts (\$2.369M) and EZ Pass Tags (\$0.945M), Auto & Other Vehicle purchases (\$0.389M) and Security Services (\$0.410M) against the YTD budget allocation
Professional Service Contracts	1.073	33.3%	Lower expenses due to timing of Bond Issuance costs (\$0.980M) and Engineer Services (\$0.288M) against the monthly budget allocation	1.999	12.3%	Lower expenses primarily due to the timing of miscellaneous outside service contracts (\$1.148M), Engineer Services (\$0.733M) and Planning Studies Consultants (\$0.548M) against the YTD budget allocation
Materials & Supplies	0.220	64.9%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the monthly adopted budget allocation	0.280	16.8%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the YTD adopted budget allocation
Other Business Expense	0.844	34.1%	Lower expenses primarily due to the timing of Credit Card Fees against the monthly adopted budget allocation	(0.566)	-4.5%	Higher expenses primarily due to the timing of Credit Card Fees against the YTD adopted budget allocation
Depreciation	0.333	3.3%	Variance primarily due to the timing of account entries	10.554	21.3%	Variance primarily due to the timing of account entries
Other Post Employment Benefits	0.593	9.6%	Lower expenses due to revised actuarial assessment	7.928	25.8%	Lower expenses due to revised actuarial assessment
Reimbursable						
Capital and Other Reimbursements	(0.357)	-18.5%	Lower capital reimbursements against the monthly budget allocation	(1.541)	-16.0%	Lower capital reimbursements against the YTD budget allocation
Payroll	0.201	24.5%	Lower than planned reimbursable expenses against the monthly budget allocation	0.917	22.4%	Lower than planned reimbursable expenses against the YTD budget allocation
Overtime	0.069	53.1%	Lower than planned reimbursable expenses against the monthly budget allocation	0.298	45.8%	Lower than planned reimbursable expenses against the YTD budget allocation
Health and Welfare	0.062	30.8%	Lower than planned reimbursable expenses against the YTD budget allocation	0.289	28.6%	Lower than planned reimbursable expenses against the YTD budget allocation
OPEB Current Payment	0.000	-	No variance	0.000	-	No variance
Pensions	0.072	30.5%	Minor variance	0.340	28.7%	Lower than planned reimbursable expenses against the YTD budget allocation
Other Fringe Benefits	0.035	31.0%	Minor variance	0.164	28.7%	Lower than planned reimbursable expenses against the YTD budget allocation
Reimbursable Overhead	(0.082)	-19.2%	Higher than planned reimbursable expenses against the monthly budget allocation	(0.467)	-21.9%	Higher than planned reimbursable expenses against the YTD budget allocation

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

	May						May 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>	5,776	\$0.409	6,044	\$0.428	(268)	(\$0.019)	23,153	\$1.648	22,721	\$1.617	432	\$0.031
					-4.6%	-4.6%					1.9%	1.9%
<u>Unscheduled Service</u>	165	\$0.014	48	\$0.004	118	\$0.010	785	\$0.065	195	\$0.016	591	\$0.049
					71.2%	71.4%					75.2%	75.4%
<u>Programmatic/Routine Maintenance</u>	995	\$0.091	1,251	\$0.114	(256)	(\$0.023)	4,967	\$0.455	7,818	\$0.716	(2,851)	(\$0.261)
					-25.7%	-25.3%					-57.4%	-57.4%
<u>Unscheduled Maintenance</u>	1,213	\$0.111	852	\$0.078	362	\$0.033	6,044	\$0.552	3,742	\$0.342	2,303	\$0.210
					29.8%	29.7%					38.1%	38.0%
<u>Vacancy/Absentee Coverage</u>	13,631	\$1.009	17,884	\$1.324	(4,253)	(\$0.315)	75,859	\$5.593	84,001	\$6.193	(8,142)	(\$0.600)
					-31.2%	-31.2%					-10.7%	-10.7%
<u>Weather Emergencies</u>	1,020	\$0.093	0	\$0.000	1,020	\$0.093	11,326	\$0.918	9,623	\$0.780	1,704	\$0.138
					100.0%	100.0%					15.0%	15.0%
<u>Safety/Security/Law Enforcement</u>	3,139	\$0.228	1,143	\$0.083	1,997	\$0.145	15,693	\$1.140	6,349	\$0.461	9,344	\$0.679
					63.6%	63.6%					59.5%	59.6%
<u>Other</u>	116	\$0.011	326	\$0.031	(210)	(\$0.020)	595	\$0.056	182	\$0.017	414	\$0.039
					**	**					69.5%	69.6%
*All Other Departments and Accruals		\$0.180		(\$0.247)		\$0.427		\$0.861		(\$0.671)		\$1.532
						**						**
Subtotal	26,055	\$2.146	27,546	\$1.815	(1,491)	\$0.331	138,422	\$11.288	134,630	\$9.471	3,793	\$1.817
					-5.7%	15.4%					2.7%	16.1%
REIMBURSABLE OVERTIME	1,687	\$0.130	927	\$0.061	760	\$0.069	8,436	\$0.650	5,585	\$0.352	2,851	\$0.298
					45.1%	53.1%					33.8%	45.8%
TOTAL OVERTIME	27,742	\$2.276	28,473	\$1.876	(731)	\$0.400	146,858	\$11.938	140,215	\$9.823	6,644	\$2.115
					-2.6%	17.6%					4.5%	17.7%

Figures are preliminary.

Totals may not add due to rounding

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

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

**Variance exceeds 100%.

MTA Bridges and Tunnels
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>	(268)	(\$0.019)	Higher than planned expenses	432	\$0.031	Lower than planned expenses
	-4.6%	-4.6%		1.9%	1.9%	
<u>Unscheduled Service</u>	118	\$0.010	Lower than planned expenses	591	\$0.049	Lower than planned expenses
	71.2%	71.4%		75.2%	75.4%	
<u>Programmatic/Routine Maintenance</u>	(256)	(\$0.023)	Higher than planned expenses	(2,851)	(\$0.261)	Higher than planned expenses
	-25.7%	-25.3%		-57.4%	-57.4%	
<u>Unscheduled Maintenance</u>	362	\$0.033	Lower than planned expenses	2,303	\$0.210	Lower than planned expenses
	29.8%	29.7%		38.1%	38.0%	
<u>Vacancy/Absentee Coverage</u>	(4,253)	(\$0.315)	Higher than planned expenses	(8,142)	(\$0.600)	Higher than planned expenses
	-31.2%	-31.2%		-10.7%	-10.7%	
<u>Weather Emergencies</u>	1,020	\$0.093	Lower than planned expenses	1,704	\$0.138	Lower than planned expenses
	100.0%	100.0%		15.0%	15.0%	
<u>Safety/Security/Law Enforcement</u>	1,997	\$0.145	Lower than planned expenses	9,344	\$0.679	Lower than planned expenses
	63.6%	63.6%		59.5%	59.6%	
<u>Other</u>	(210)	(\$0.020)	Higher than planned expenses	414	\$0.039	Lower than planned expenses
	**	**		69.5%	69.6%	
<u>*All Other Departments and Accruals</u>		\$0.427	Primarily due to adjustments for the 28-day OT payroll lag		\$1.532	Primarily due to adjustments for the 28-day OT payroll lag
		**			**	
Subtotal	(1,491)	\$0.331		3,793	\$1.817	
	-5.7%	15.4%		2.7%	16.1%	
REIMBURSABLE OVERTIME	760	\$0.069	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program	2,851	\$0.298	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program
	45.1%	53.1%		33.8%	45.8%	
TOTAL OVERTIME	(731)	\$0.400		6,644	\$2.115	

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

METROPOLITAN TRANSPORTATION AUTHORITY
2016 Overtime Reporting
Overtime Legend

OVERTIME DECOMPOSITION LEGEND DEFINITIONS

<u>Type</u>	<u>Definition</u>
<i>Scheduled Service</i>	Crew book/Regular Run/Shift hours (above 8 hours) required by train crews, bus/tower/block operators, transportation supervisors/dispatchers, fare sales and collection, Train & Engineers, as well as non-transportation workers whose work is directly related to providing service (includes coverage for holidays).
<i>Unscheduled Service</i>	Service coverage resulting from extraordinary events not related to weather, such as injuries, mechanical breakdowns, unusual traffic, tour length, late tour relief, and other requirements that arise that are non-absence related.
<i>Programmatic/Routine Maintenance</i>	<i>Program Maintenance</i> work for which overtime is planned (e.g. Railroad Tie Replacement, Sperry Rail Testing, Running Board Replacement Programs). This also includes <i>Routine Maintenance</i> work for which OT has been planned, as well as all other maintenance <u>not resulting from extraordinary events</u> , including running repairs. Program/Routine maintenance work is usually performed during hours that are deemed more practical in order to minimize service disruptions, and includes contractual scheduled pay over 8 hours.
<i>Unscheduled Maintenance</i>	Resulting from an <u>extraordinary event</u> (not weather-related) requiring the use of unplanned maintenance to perform repairs on trains, buses, subway and bus stations, depots, tracks and administrative and other facilities, including derailments, tour length and weekend coverage.
<i>Vacancy/Absentee Coverage</i>	Provides coverage for an absent employee or a vacant position.
<i>Weather Emergencies</i>	Coverage necessitated by extreme weather conditions (e.g. snow, flooding, hurricane, and tornadoes), as well as preparatory and residual costs.
<i>Safety/Security/Law Enforcement</i>	Coverage required to provide additional customer & employee protection and to secure MTA fleet facilities, transportation routes, and security training.
<i>Other</i>	Includes overtime coverage for clerical, administrative positions that are eligible for overtime.
<i>Reimbursable Overtime</i>	Overtime incurred to support projects that are reimbursed from the MTA Capital Program and other funding sources.

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

<u>Month of May</u>						<u>Year to date ending May 2016</u>							
Comparison Current Year vs. Prior Year:													
Prior Year		Current Year		Percentage Change			Prior Year*		Current Year		Percentage Change		
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue	
3.7	\$25.7	4.0	\$27.8	8.5%	8.0%	Bronx-Whitestone	15.9	\$110.2	18.0	\$126.0	12.7%	14.4%	
0.7	1.6	0.7	1.6	1.5%	2.3%	Cross Bay	3.0	6.4	3.2	7.0	5.9%	8.7%	
2.1	6.5	2.2	6.8	5.4%	4.7%	Henry Hudson	8.9	26.8	9.7	29.9	9.1%	11.6%	
1.6	9.5	1.6	9.9	4.4%	3.7%	Hugh L. Carey	7.0	41.9	7.5	45.3	6.4%	8.1%	
0.7	1.5	0.7	1.5	-1.2%	-1.9%	Marine Parkway	2.8	6.0	3.0	6.4	4.3%	6.6%	
2.5	16.0	2.4	15.6	-1.9%	-2.9%	Queens Midtown	11.7	73.2	11.6	74.0	-0.4%	1.0%	
2.7	19.7	2.6	19.0	-2.6%	-3.2%	RFK - Bronx	11.7	85.1	11.9	87.7	1.2%	3.1%	
3.0	18.9	2.9	18.3	-2.8%	-3.4%	RFK - Manhattan	12.6	77.9	13.0	81.5	2.9%	4.6%	
3.8	29.4	3.8	29.5	0.1%	0.1%	Throgs Neck	16.4	124.3	17.2	133.5	5.1%	7.4%	
5.8	32.7	6.0	33.6	3.6%	2.7%	Verrazano-Narrows	26.0	144.5	27.8	154.6	6.6%	7.0%	
26.5	\$161.6	27.0	\$163.5	1.9%	1.2%	Total	116.1	\$696.2	122.7	\$745.8	5.7%	7.1%	
	<u>\$6.093</u>		<u>\$6.047</u>		<u>-0.8%</u>	Revenue Per Vehicle		<u>\$5.994</u>		<u>\$6.076</u>		<u>1.4%</u>	

Note: Numbers may not add due to rounding.

*Toll increase implemented March 22, 2015

Comparison Actual vs. Adopted Budget:

May Budget		May Actual		Percentage Change			YTD Budget		YTD Actual		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
26.4	161.7	27.0	163.5	2.2%	1.1%	Total All	117.9	\$719.6	122.7	\$745.8	4.1%	3.6%
	<u>\$6.116</u>		<u>\$6.047</u>		<u>-1.1%</u>	Revenue Per Vehicle		<u>\$6.102</u>		<u>\$6.076</u>		<u>-0.4%</u>

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
May 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	22	3	5 Managerial vacancies and 2 Professional overages
Administration ⁽³⁾	36	38	(2)	2 Professional overages
EEO	2	1	1	1 Managerial vacancy
Total Administration	87	83	4	
Operations				
Revenue Management	42	37	5	4 Managerial vacancies and 1 BTO vacancy
Operations (Non-Security)	712	499	213	167 BTO and 46 Managerial vacancies
Total Operations	754	536	218	
Maintenance				
Maintenance	212	206	6	6 Managerial vacancies
Operations - Maintainers	166	156	10	10 Maintainer vacancies
Total Maintenance	378	362	16	
Engineering/Capital				
Engineering & Construction	184	158	26	15 Managerial and 11 Professional vacancies
Safety & Health	11	8	3	1 Managerial vacancy and 2 Professional vacancies
Law ⁽¹⁾	23	18	5	1 Managerial and 4 Professional vacancies
CFO-Planning & Budget Capital	27	16	11	4 Managerial and 7 Professional vacancies
Total Engineering/Capital	245	200	45	
Public Safety				
Operations (Security)	232	232	-	
Internal Security - Operations	42	36	6	6 Professional vacancies
Total Public Safety	274	268	6	
Total Positions				
	1,738	1,449	289	
Non-Reimbursable	1,651	1,362	289	
Reimbursable	87	87	-	
Total Full-Time				
	1,738	1,449	289	

(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
May 2016

	Adopted Budget	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Managers/Supervisors	34	29	5	5 vacancies in CFO, 1 vacancy in EEO, and 1 overage in Executive
Professional, Technical, Clerical	53	54	(1)	4 vacancies in Executive, 2 overages in Administration, 1 overage in CFO, and 1 in Law
Operational Hourlies	-	-	-	
Total Administration	87	83	4	
Operations				
Managers/Supervisors	211	161	50	46 vacancies in Operations and 4 in Revenue Management
Professional, Technical, Clerical	34	34	-	
Operational Hourlies ⁽¹⁾	509	341	168	167 BTO vacancies in Operations and 1 vacancy in Revenue Management
Total Operations	754	536	218	
Maintenance				
Managers/Supervisors	20	14	6	6 vacancies in Maintenance
Professional, Technical, Clerical	15	15	-	
Operational Hourlies ⁽²⁾	343	333	10	10 Maintainer vacancies in Operations
Total Maintenance	378	362	16	
Engineering/Capital				
Managers/Supervisors	62	41	21	15 vacancies in Engineering, 4 in CFO, 1 vacancy in Safety and Health, and 1 in Law
Professional, Technical, Clerical	183	159	24	11 vacancies in Engineering, 7 in CFO, 4 in Law, and 2 in Safety and Health
Operational Hourlies	-	-	-	
Total Engineering/Capital	245	200	45	
Public Safety				
Managers/Supervisors	45	45	-	
Professional, Technical, Clerical	33	27	6	6 vacancies in Internal Security
Operational Hourlies ⁽³⁾	196	196	-	
Total Public Safety	274	268	6	
Total Positions				
Managers/Supervisors	372	290	82	
Professional, Technical, Clerical	318	289	29	
Operational Hourlies	1,048	870	178	
Total Positions	1,738	1,449	289	

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

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

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



Bridges and Tunnels



Capital Program Project Status Report June 2016

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

Introduction

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

Commitments

In June, six commitments with a total value of \$1.9 million were awarded from the 2016 plan (*See Attachment 1, 2016 Commitment Chart; Attachment 7 – 2016 Commitment Plan*).

Year to date, 33 commitments have been made with a total value of \$21.9 million compared to the plan calling for 45 commitments with a total value of \$39.5 million from the 2016 plan. All ten commitments totaling \$43.0 million have been made from the 2015 plan.

Completions

There were four project completions, as planned in June for \$39.1 million (*See Attachment 3 - 2016 Completion Chart; Attachment 4 – 2016 Major Project Completions; Attachment 5 - 2016 Project Completion Plan; Attachment 10 – 2015 Completion Plan*). The major completions in June were:

- MP21, Rehabilitation Rockaway Point Boulevard Overpass for \$11.1 million
- VN87, Substation #1 Rehabilitation for \$16.6 million

Closeouts

There were eight task level closeouts in June for \$7.9 million. (*See Attachment 6 – 2016 Task Level Closeouts*). Year to date there are 67 task level closeouts totaling \$84.7 million.

Award Date Changes for Remaining Commitments

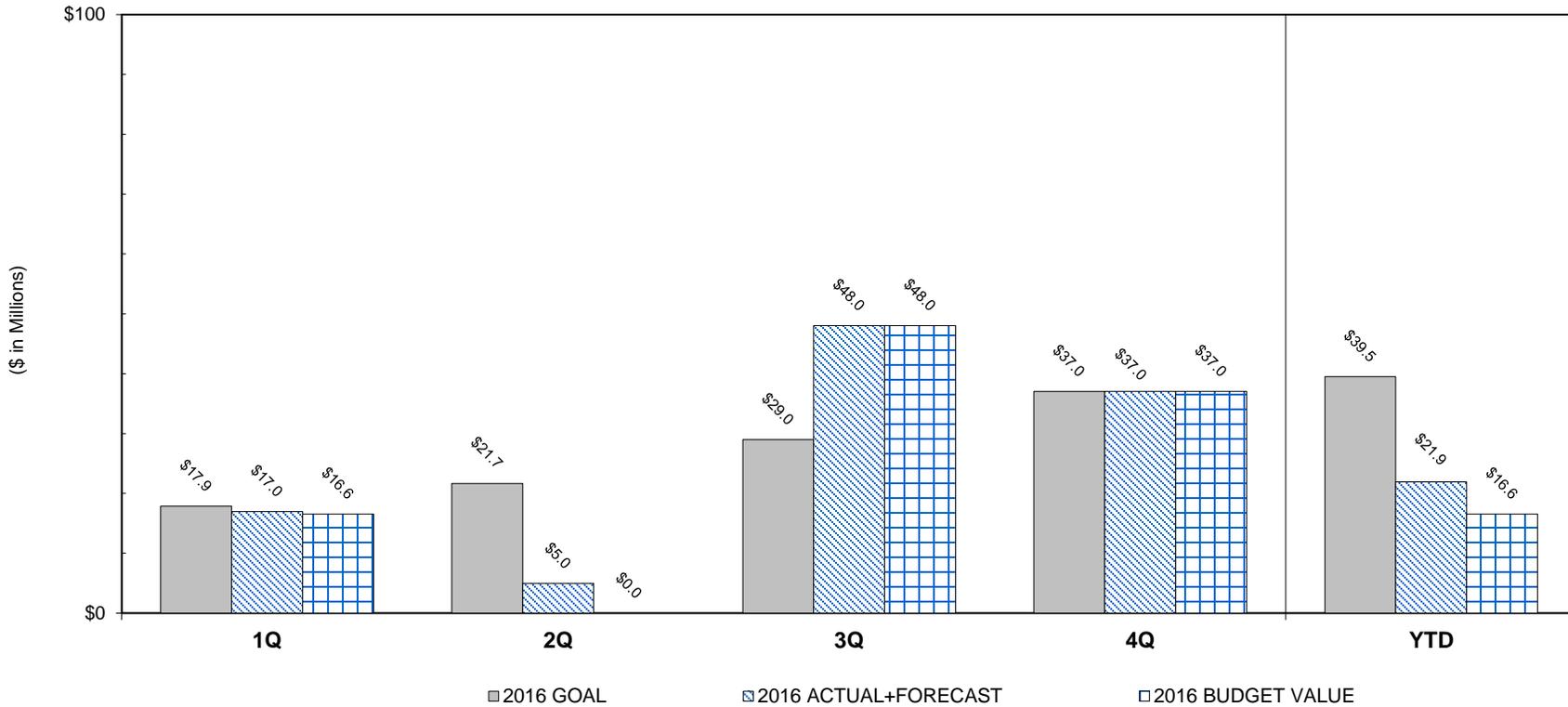
There are no significant date changes this month.

Completion Date Changes for Remaining Projects

There were no completion date changes this month.

MTA Bridges and Tunnels
Commitments as of June 30, 2016

2016 Budget Goal:	\$105.5	
2016 Annual Forecast:	\$107.0	
YTD Goal:	\$39.5	
YTD Actual:	\$21.9	(55.5% of YTD Goal)
YTD Budgeted Value:	\$16.6	(41.9% of YTD Goal)
Left to Commit:	\$85.1	

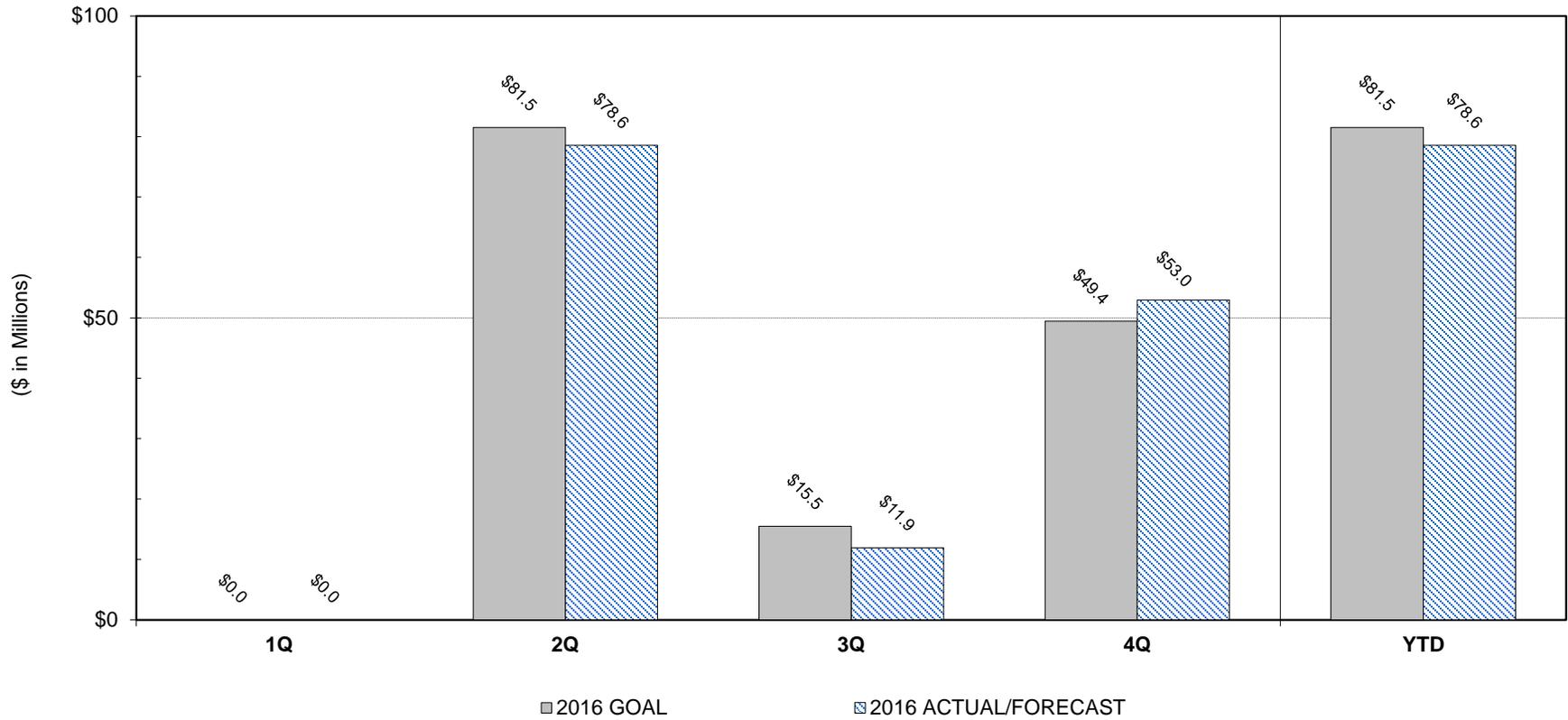


MTA Bridges and Tunnels: Status of Major Commitments as of June 30, 2016

Project		Budget (\$ in Millions)			Award Date			Notes
		2016 Goal	Actual / Forecast*	Budgeted Value	2016 Goal	Advertisement Date	Actual / Forecast	
D702VN84	Reconstruction of VN Approach Ramps - Ph1	\$12.5	\$12.5	\$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 June 30, 2016

2016 Budget Goal:	\$146.4	
2016 Annual Forecast:	\$143.5	
YTD Goal:	\$81.5	
YTD Actual:	\$78.6	(96.4% of YTD Goal)
Left to Complete:	\$64.9	



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

Project		Budget (\$ in Millions)		Completions Status		Completion Date			Notes
		2016 Goal	Actual / Forecast*	Physical % Complete	% Contingency Spent	2016 Goal	Actual / Forecast		
D602MP21	Rehabilitate Rockaway Point Blvd Overpass	\$11.1	\$11.1	91%	0%	May-16	Jun-16	A	1
G5140108	ThrogsNeck Integrated Electronic Security	\$20.4	\$20.4	94%	76%	May-16	May-16	A	
D601TN52	Miscellaneous Structural Rehabilitation	\$22.0	\$19.1	99%	60%	May-16	May-16	A	2
D604VN87	Substation #1 Rehabilitation	\$16.6	\$16.6	94%	0%	Jun-16	Jun-16	A	
D601RK76	Miscellaneous Structural Repair	\$11.2	\$11.2	60%	51%	Sep-16	Sep-16	F	
D602HH88	HH88A: Replace Upper & Lower Level Plza & Southbnd. Appr.	\$49.4	\$49.4	80%	60%	Dec-16	Dec-16	F	

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

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

Note 2: Phase TN52 and TN52A are complete

**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	Jun-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 (Phased)	Project	May-16	\$22,043,388	\$22,043,388	May-16	\$19,113,227		
			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			Nov-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				
Unplanned Completions									
			Grand Total:	\$146,415,640	\$146,415,640		\$78,571,742	Remaining	\$64,913,737

* 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 PrototypePh(PSC-08-2849B),WO#27	E00001483A	Feb-16	\$42,332.98
ED040207	Replace MPB Electrical Equipmt at North Abutment	E02155	PM Design/Build RFP F/A(TBTA-E1514)	E00001514B	Feb-16	\$165,393.00
ED010209	Restore VNB TwrBase Elect/Lightg Sys+Ped Access Br	E02035	PM Construction F/A (TBTA-E1751)	E00001751A	Feb-16	\$87,093.40
D706AW21	Program Administration	D03400	2015 Program Adm F/A(TBTA-D1768)	D00001768A	Feb-16	\$356,088.58
D706AW21	Program Administration	D03401	2015 Indirect Program Adm F/A(TBTA-D1769)	D00001769A	Feb-16	\$1,838,493.85
D604BB45	Replace Electrical Switchgear 7 Equipment	D02568	Operations F/A Maintenance (TBTA-D1360)	D00001360A	Mar-16	\$97,237.21
D602BW89	Deck Replacement-Elevated and On Grade Approach	D02602	Operations F/A (TBTA-D1546)	D00001546A	Mar-16	\$168,835.82
ED010240	Restore Queens Midtown Tunnel - Structural	E02990	SBMP-QM40X2-Remove Ceiling Tiles (See Jan.- Funding)	E00002061B	Mar-16	\$0.00
D505QM01	Service & FE Building Rehab	D03189	SBMP-C-Post Garage & Workshop Rehab	D00001614B	Mar-16	\$1,079,122.13
D607HH10	Paint -Curb Stringers	D02622	Paint Construction Admin.(PSC-10-2864)	D00001321A	Apr-16	\$43,780.34
D602HH10	Upper Level Sidewalk/Curb Stringers	D02617	Construction Admin. (PSC-10-2864)	D00001319A	Apr-16	\$2,875,977.72
D602RK73	Deck Replacement-RFK MQ Ramp	D02974	Construction Admin. MQ Ramp (PSC-11-2894)	D00001486A	Apr-16	\$3,613,729.65
D502TN82	Rehabilitation of Orthotropic Deck	D02417	Prototype Subfloorbeam Repair (TN50)	D00001238B	Apr-16	\$138,020.00
G5140104	B&T Triborough Hardening	G01818	B&T Force Account Support	G00001453A	May-16	\$899,503.44
D601TN60	Anchorage Dehumidification	D02739	PM Design F/A(TBTA-D1539)	D00001539A	May-16	\$686,891.06
D601MP16	Miscellaneous Steel Repairs DES	D02650	PM Design F/A(TBTA-D1510)	D00001510B	May-16	\$781,284.26
D601BW97	Concrete Anchorage Repairs	D02605	Construction (Bronx Anchorage)	D00001513B	May-16	\$5,040,681.74
D601BW14	Miscellaneous Structural Rehabilitation DES	D02579	PM Design F/A(TBTA-D1573)	D00001573A	May-16	\$659,783.71
D601HH07	Structural Rehabilitation - Phase I	D02901	Design during cns(CSS) PSC-06-2807A	D00001430A	May-16	\$264,740.31
D601VN35	Steel Repair & Concrete Rehab. & Drainage Systems	D02771	Design(PSC-06-2807A #40)	D00001468A	May-16	\$436,944.33
D506AW28	Scope Development	D02360	ScopeDev-MP21(PSC-06-2807B #9)	D00001191B	May-16	\$304,926.99
D606AW22	Miscellaneous	D03243	VE/CR/RA-QM40/S-VE/RA-QM18-2891E 10	D00001657A	May-16	\$564,992.60
D606AW22	Miscellaneous	D03251	Risk Assess, Est.RK23A-PSC-12-2891E	D00001649A	May-16	\$249,260.82
D606AW28	Scope Development	D02956	ScopeDev-HH07PhII-Skewback	D00001403C	May-16	\$746,804.74
D606AW28	Scope Development	D02995	Inv./ScopeDev-TN Dehum(PSC-06-2807A	D00001425A	May-16	\$136,033.79
D606AW28	Scope Development	D03089	Scope Dev-Staff St.Brdg(PSC06-2807A	D00001473A	May-16	\$157,499.84
D606AW28	Scope Development	D03231	Scope Dev-HH13(PSC-12-2891A,wo14)	D00001662A	May-16	\$297,714.07
D604VN87	Substation #1 Rehabilitation	D02802	PM Dsgn/Bld RFP F/A(TBTA-D1479)	D00001479A	May-16	\$794,702.88
D602RK65	Deck Replacement - Bronx/Manhattan Ramps/TollPlaza	D02694	RK65D-PM Const F/A-Util Reloc&Upgra(TBTA-D1276)	D00001276B	May-16	\$1,478,280.45
D601TN52	Miscellaneous Structural Rehabilitation	D03021	PM Const F/A (TN-52A-TBTA-D1563)	D00001563A	May-16	\$299,430.76
D702VN84	Reconstruction of VN Approach Ramps - Phase1	D03402	BC Development F/A(TBTA-D1782)	D00001782A	May-16	\$0.00
D702VN11	Brooklyn Approach Reconstruction	D03427	BC Development F/A(TBTA-D1781)	D00001781A	May-16	\$0.00
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03350	BC Development F/A(TBTA-D1770)	D00001770A	May-16	\$2,905.52
D602RK65	Deck Replacement - Bronx/Manhattan Ramps/TollPlaza	D02693	RK65D-CM-Util Reloc&Upg-PSC-10-2858	D00001292B	May-16	\$2,732,153.65

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

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE DATE	CERTIFICATE AMOUNT
ED050201	Restore CBB Service Bldg	E03174	SBMP Cns-Demo of femaleBTO trailer	E00001974A	May-16	\$131,327.04
ED040208	Replace MPB Navigation & Security Lighting Systems	E02165	Const. Admin. PSC-08-2849A Task #35	E00001615A	May-16	\$94,962.54
ED010209	Restore VNB TwrBase Elect/Lightg Sys+Ped Access Br	E02036	Constr.Admin. PSC-08-2849A, Task#34	E00001523C	May-16	\$170,016.17
ED050202	Hugh L. Carey Tunnel Environmental Cleanup	E02198	ConstrPrototypePhi(GFM-495F,WO#63)	E00001452A	May-16	\$844,604.80
ED050203	Queens Midtown Tunnel Environmental Cleanup	E02206	Constr PrototypePhi GFM-495F, WO#72	E00001470A	May-16	\$1,302,000.00
ED060201	Sandy Program Administration	E03218	Grants Management (TBTA-E1993)	E00001993A	May-16	\$1,052,703.01
ED060201	Sandy Program Administration	E03219	E & C Support (TBTA_E1994)	E00001994A	May-16	\$1,256,884.45
D605AW12	Hazardous Materials Abatement	D02437	PM Construction F/A (TBTA-D1267)	D00001267E	May-16	\$1,584,512.82
D606AW22	Miscellaneous	D02465	Project management F/A (TBTA-D1336)	D00001336B	May-16	\$510,393.89
D503AW37	Operation Centers TS Systems	D02387	Capital Material Purchase -Video Wall (TBTA-D1241)	D00001241A	May-16	\$207,249.14
D603AW48	2nd Generation E-Zpass In- Lane	D02839	AET-Phase 1 Capital Material Purchases (TBTA-1287)	D00001287A	May-16	\$85,105.05
D503AW52	Advance Automated Traffic Detection	D02305	Capital Material Purchase(CMP-AW52A-TBTA-D1125)	D00001125A	May-16	\$32,179.60
D403AW80	VMS & Gantry Installation	D02161	Capital Material Purchase VMS Installation (TBTA-D1047)	D00001047B	May-16	\$111,044.59
ED05BB28	BBT Vent Building Abatement	E00315	Design & Test -Cleanup (PSC00-2570)(TBTA-E97(E00000097A	May-16	\$103,284.51
D601BB28	Rehab. Walls, Roadway, Firelines, Ceiling Repair	D02563	Operations -F/A (Maintenance Crews TBTA-D1725)	D00001725A	May-16	\$142,936.50
D502BW89	Elevated & On Grade (Bronx) Approach	D01992	PM Construction F/A (TBTA-D1115)	D00001115A	May-16	\$2,441,510.38
D704RK21	Install Fire Standpipe/ Upgrade Protection System	D03393	BC Development F/A (TBTA-D1784)	D00001784A	May-16	\$26,938.41
D602RK75	Interim Repairs- Toll Plaza Deck	D03185	Construction Phase 1 (GFM-495 WO #35)	D00001596C	May-16	\$6,112,573.35
D602VN03	Toll Plaza- East & West Bound Ramps Improvements	D02962	Utility/ Conduit Installation GFM-495F	D00001412B	May-16	\$171,980.00
D701VN10	Anchorage & Piers Rehabilitation and Sealing	D03389	BC Development F/A (TBTA-D1780)	D00001780A	May-16	\$0.00
D701VN89	Tower Pier Rehab/Construct Mooring Platform	D03386	BC Development F/A(TBTA-D1785)	D00001785A	May-16	\$1,594.96
D604MP03	Programmable Logic Controller & Mechanical Rehabilitation	D02638	PM Design F/A (TBTA-1428)	D00001428A	Jun-16	\$1,166,320.16
D701TN53	Approach Viaduct Seismic Retrofit/Structural Rehabilitation	D03376	BC Development F/A (TBTA-D1779)	D00001779A	Jun-16	\$41,299.12
D602RK75	Interim Repairs-Toll Plaza Deck	D03130	Construction Phase I (GFM-508 WO#1)	D00001559B	Jun-16	\$1,707,097.75
D602TN49	Suspended Span Replacement- Phase A	D03098	Construction-Overlay Installation-Southbound	D00001538A	Jun-16	\$1,958,646.40
D601QM18	Entrance and Exit Plaza Structural Rehabilitation	D03172	Prototype Construction-Manhattan Exit	D00001592A	Jun-16	\$665,415.09
D505QM01	Service & FE Building Rehabilitation	D02922	Borden Avenue Remediation GFM-495 WO#25	D00001477C	Jun-16	\$1,167,472.00
D501TB23	Harlem River Drive Ramp	D03043	Construction-Traffic Signals 127th Street and 2nd Avenue	D00001472B	Jun-16	\$265,239.26
G5140105	B&T BBT Emergency Generator	G01356	Emergency Generators(TBTA-G902)	G00000902A	Jun-16	\$953,510.90
Total					67	\$84,732,247.61

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

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

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

ACEP	Project Description	IMPACT Task	Task Description	Goal Start	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
				Date						
D701BW07	Fender Protection around Tower Piers (Const)	D03808	10% Design & D/B RFP Development	Jun-16	\$1,500,000	\$1,500,000			-	-
D701BW07	Fender Protection around Tower Piers (Const)	D03807	PM Design F/A	Jun-16	\$100,000	\$100,000			-	-
D704BW32	Installation of Fire Standpipe Connections	D03545	10% Design & RFP Dev.	Jun-16	\$200,000	\$200,000			-	-
D704BW32	Installation of Fire Standpipe Connections	D03544	PM Design F/A	Jun-16	\$100,000	\$100,000			-	-
D704HC07	Rehabilitation of HCT Ventilation Systems	D03598	BC Development F/A	Jun-16	\$58,493	\$58,493	Jun-16	\$58,493		
D701HH89	Skewback Retrofit	D03521	PM Construction F/A	Jun-16	\$2,105,745	\$2,105,745			Jul-16	\$2,105,745
D703HH88	Reconstruction of Toll Plazas and Southbound Approach	D03792	PM Const. F/A	Jun-16	\$2,313,395	\$2,313,395			Jul-16	\$2,313,395
D704HH13	Replacement of Facility Lighting System	D03779	PM Const. F/A	Jun-16	\$254,000	\$254,000			Jul-16	\$254,000
D701RK19	Seismic/Wind Retrofit & Structural Rehab Ph1	D03591	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000			Jul-16	\$1,000,000
D701RK70	Miscellaneous Structural Rehabilitation	D03661	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000			Jul-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	\$286,417		
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03395	PM Construction F/A	Jun-16	\$1,659,983	\$1,659,983			Jul-16	\$1,659,983
D705RK58	Rehabilitation of the Robert Moses Bldg and Ancillary Facilities	D03639	PM Design F/A	Jun-16	\$800,000	\$800,000			Jul-16	\$800,000
D707RK70	Miscellaneous Structural Rehabilitation	D03669	PM Design F/A	Jun-16	\$150,000	\$150,000			Jul-16	\$150,000
D702VN11	Brooklyn Approach Reconstruction	D03716	Design	Jun-16	\$2,000,000	\$2,000,000			Jul-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	Jun-16	\$1,406,431		
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 System	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	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
				Date						
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		
D706AW15	MTA Independent Engineer	D03436	3/16-3/19 Independent Engineering Consultant			\$2,290,589	May-16	\$2,290,589		
D706AW10	Enterprise Asset Management	D03848	EAM_B&T_Software Acquisition			\$634,578	May-16	\$634,578		
D606AW22	Miscellaneous	D03847	Risk Assess-BW39/RK60,HH89			\$124,685	Jun-16	\$124,685		
				Grand Total	\$105,526,103	\$109,588,655	YTD Total	\$21,933,488	Remaining	\$85,066,823
								Grand Total	\$107,000,311	

MTA Bridges and Tunnels: Status of 2015 Major Commitments as of May 31, 2016

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

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

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

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

MTA BRIDGES & TUNNELS
 CAPITAL PROGRAM
 2015 PROJECT COMPLETIONS

Project ID (ACEP)	Project Description	Type	Original Goal End Date	Goal End Date	Goal Value	Budgeted Value	Actual End Date	Actual Value	Forecast End Date	Forecast Value
D601BW07	Tower and Pier Fender Protection-Phase 1	Study/Project	Sep-15	Jun-16	\$3,308,868	\$3,308,868	Jun-16	\$3,308,868		
				Jun-16 Total	\$3,308,868	\$3,308,868				
				Grand Total	\$3,308,868	\$3,308,868		\$3,308,868		\$0

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



Bridges and Tunnels

Procurements July 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	07/08/2016
Vendor Name	
Contract Number	
Contract Manager Name	
Table of Contents Ref #	

Board Action					
Order	To	Date	Approval	Info	Other
1	President	07/08/2016			
2	MTA B&T Committee	07/25//2016			
3	MTA Board	07/27/2016			

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

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

PURPOSE:

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

DISCUSSION:

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

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

<u>Schedules Requiring Two-Thirds Vote:</u>	<u># of Actions</u>	<u>\$ Amount</u>
Schedule B: Request to Use RFP for Procurement of Purchase & Public Works in lieu of Sealed Bid	1	To be determined
<u>Schedules Requiring Majority Vote</u>	<u># of Actions</u>	<u>\$ Amount</u>
Schedule F : Personal Service Contracts	3	\$ 20.12 M
SUBTOTAL	3	\$ 20.12 M
MTA B&T presents the following procurement actions for Ratification: None.		
TOTAL	4	\$ 20.12 M

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
JULY 2016

MTA BRIDGES & TUNNELS

Procurements Requiring Two-Thirds Vote:

B: Request to Use RFP for Procurement of Purchase & Public Works in lieu of Sealed Bid
(Staff Summaries only required for items estimated to be greater than \$1 million)

1. **Contractors to be Determined** **Cost to be Determined** **Staff Summary Attached**

Contract Nos. Various

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to authorize the Authority to enter into a competitive Request for Proposal (RFP) process for Design/Build Services in lieu of sealed competitive bids for various projects in the approved 2015-2019 Capital Program, as well as using alternate delivery methods for implementation of open road tolling projects at Authority facilities.

Procurements Requiring Majority Vote:

F: Personal Service Contracts

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

1. **HNTB/WSP** **\$ 11,735,921.00** **Staff Summary Attached**
Parsons Brinckerhoff, A
Joint Venture
Contract No.: PSC-15-2984

5 yr. contract - Competitive RFP - 4 Proposals

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract for Design and Construction Support Services for Project No. VN-84, Reconstruction and Rehabilitation of the Upper Level Approach Decks at the Verrazano-Narrows Bridge (VNB) to the Joint Venture of HNTB and WSP | Parsons Brinckerhoff (HNTB/WSP | PB).

- 2 **Thornton Tomasetti, Inc.** **\$ 5,386,148.56** **Staff Summary Attached**

Contract No.: PSC-15-2977

2 yrs & 3 months. contract - Competitive RFP - 5 Proposals

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract for the design and construction support services for Project TN-53, Rehabilitation and Seismic Retrofit of the Approach Viaducts and Rehabilitation of the Lower Garage at the Throgs Neck

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
JULY 2016

Bridge (TNB).

3. **JHK Engineering, P.C.** **\$ 3,000,000** **Staff Summary Attached**
(aggregate)

Contract No.: PSC-15-2980A

**Henningson, Durham and Richardson
Architecture and Engineering, P.C**

Contract No.: PSC-15-2980B

4 yrs contract - Competitive RFP - 6 Proposals

B&T is seeking Board approval in accordance with the All-Agency Service Contract Procurement Guidelines to award two personal service contracts to provide miscellaneous design services for Intelligent Transportation Systems (ITS) projects on an as-needed basis.

Staff Summary

Item Number 1 (Final)					
Dept & Dept Head Name: Joe Keane, P.E. <div style="text-align: center; font-size: 1.5em; font-family: cursive;">Joe Keane</div>					
Division & Division Head Name: Various Engineering and Construction					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	7/8/16			
2	MTA B&T Committee	7/25/16			
3	Board	7/27/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>[Signature]</i>	4	Chief of Staff		
2	General Counsel <i>[Signature]</i>	5	Executive Vice President		
3	Chief Procurement Officer <i>[Signature]</i>	6	President <i>[Signature]</i>		

SUMMARY INFORMATION	
Vendor Name N/A	Contract Number Various
Description: Competitive RFP process for various projects	
Total Amount TBD	
Contract Term (including Options, if any) Various	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Renewal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative
I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to authorize the Authority to enter into a competitive Request for Proposal (RFP) process in lieu of sealed competitive bids for various Design/Build and for Open Road Tolling projects under the 2015-2019 Capital Program.

II. DISCUSSION

On October 28, 2015, a revised MTA B&T Capital Program for 2015-2019 was approved by the Board. B&T's revised 2015-2019 Capital Program reflects anticipated efficiencies attributable to more streamlined design and construction of certain types of capital projects, through use of alternative project delivery and procurement methods. B&T is pursuing an aggressive Design-Build program consisting of seventeen (17) projects in the 2015-2019 Capital Program, which anticipates efficient and faster delivery of these projects, while achieving best value benefits. In November 2015 the Board approved B&T entering into a competitive RFP process to award Design/Build contracts for four of the seventeen Design-Build projects. An additional thirteen (13) B&T projects are targeted for design-build implementation which are planned to be initiated in the 2016-2019 period.

B&T also intends to leverage anticipated efficiencies produced by alternate project delivery methods as it begins to implement open road tolling systems across all facilities.

Therefore, in accordance with the All-Agency Procurement Guidelines, B&T requests that the Board approve a resolution authorizing B&T to enter into a competitive RFP process to award Design/Build contracts for the following capital projects:

Staff Summary

D704RK07	(<u>RK-07</u>) - Electrical and Mechanical Upgrades on the Harlem River Lift Span (HRLS) at the Robert F. Kennedy Bridge (RFKB) - Design and construction for mechanical and electrical upgrades on the HRLS, and associated work.
D701VN34	(<u>VN-34</u>) - Main Cable and Suspender Rope Testing at the Verrazano-Narrows Bridge (VNB) -- Design and construction for main cable unwrapping and suspender rope removal and replacement at the VNB. Work includes wedging, wire sampling, compaction and re-wrapping of selected main cable panels, and removal and replacement of selected suspender ropes, as well as testing of cable wires and suspender ropes, and associated work.
D701VN89/D704VN30	(<u>VN-89/VN-30</u>) - Repairs to Tower Piers, Relocation of New York City Fire Department (FDNY) Mooring Platform and Rehabilitation of the Elevators at the VNB: Design and construction of repairs to the tower pedestals including resetting the granite cladding, relocation of the FDNY mooring platform, and rehabilitation of the tower elevators, and associated work.
D704HC30/D704QM91	(<u>HC-30/QM-91</u>) - Installation of Smoke Detection/Alarm Systems at the Queens Midtown Tunnel (QMT) and the Hugh L. Carey Tunnel (HLCT) -- Design and Construction of Smoke Detection/Alarm Systems for the ventilation buildings and service buildings at the QMT and the HLCT.
D704HC64	(<u>HC-64</u>) - Electrical Rehabilitation at the HLCT -- Design and Construction of electrical upgrades at the Brooklyn Service Building at the HLCT including rehabilitation and upgrades to substation equipment, electrical feeders, and associated work.
D701BW07/D704BW32	(<u>BW-07/32</u>) - Installation of Tower Fender Protection and Fire Standpipe Connections at the Towers at the Bronx-Whitestone Bridge (BWB) - Design and construction of new marine fender protection around the BWB tower piers as well as a fire standpipe from the BWB tower pedestals to the roadway level to meet the latest FDNY requirements.
D704RK66	(<u>RK-66</u>) - Relocation of 13 KV Substations and other Utility Work at the RFKB -- Design and construction for the relocation of the 13KV electrical substation and Robert Moses Building substation and boilers, replacement of the Manhattan Plaza substation, and upgrades to the Bronx Meter Room at the RFKB.
D704HC07	(<u>HC-07</u>) - Rehabilitation of Ventilation Systems at the HLCT - Design and construction for the rehabilitation of the HLCT ventilation system including, replacement of ventilation fan motors, fire hardening of ventilation components, and installation of fire protection systems.
D701CB18	(<u>CB-18</u>) - Scour Protection and Fender Upgrade/Replacement at the Cross Bay Bridge (CBB) and Marine Parkway Bridge (MPB) - Design and construction of fenders at the MPB and the CBB including replacement of fender system ladders, platforms and railings, as well as scour protection at the CBB.
D704QM81	(<u>QM-81</u>) - Rehabilitation of Tunnel Controls and Communication Systems at the QMT -- Design and construction for the reconfiguration of the QMT central control room including replacement of obsolete equipment/systems, and installation of satellite control rooms for both the QMT and the HLCT in accordance with current fire safety standards.
D704HH19	(<u>HH-19</u>) - Replacement of the Dyckman Street and Kappock Street Substations at the Henry Hudson Bridge (HHB) - Design and construction for the replacement of two electrical substations at the HHB, to meet current codes and provide redundant power service for the operations at the HHB.
D705AW66	(<u>AW-66</u>) - Design and Construction of a Bridge & Tunnels Operations Central Command and Control Center (BTOCCC) at the RFKB -- The BTOCCC will provide incident response, information sharing, and monitoring during normal and major events and will function as a Command, Control and Communication Center with direct monitoring and control capabilities at each of B&T's facilities.
D702RK23	(<u>RK-23</u>) - New Harlem River Drive Ramp at the RFKB - Design and Construction of a new direct connector ramp from the RFKB to the North-bound Harlem River Drive.

Staff Summary

D703AW65/D703AW63 Construction and installation of Open Road Tolling gantries and associated structures, electrical, communication and power equipment, subsequent demolition of the existing tolling systems infrastructure, including but not limited to tollbooths, toll canopies, toll islands and legacy tolling system infrastructure at B&T facilities which include the Henry Hudson Bridge, Cross Bay Bridge, Marine Parkway Bridge, Robert F. Kennedy Bridge-Manhattan, Bronx Whitestone Bridge, Verrazano Narrows Bridge and Throgs Neck Bridge.

B&T plans to commence the procurement process for these projects with funding provided by the 2015–2019 Capital Program. B&T shall select the contractor(s) with the proposal offering the best value to B&T including proposed technical approach, technical ability, performance record, proposed schedule, cost and other relevant factors. B&T recommends using alternate delivery methods for these projects because it will advance the projects more expeditiously, help minimize disruption to customers and provide B&T with the best value for its investment.

In accordance with MTA policy, unsuccessful proposers for design-build projects will be eligible to receive a stipend.

III. D/M/WBE INFORMATION

MTA DDCR will be consulted in order to establish MBE/WBE goals for these contracts.

IV. IMPACT ON FUNDING

Funding is available in the 2015–2019 Capital Program under Projects D704RK07 (\$15,602,475), D701VN34 (\$43,130,298), D704VN30/D701VN89 (\$9,794,092/\$21,763,164), D704HC30/D704QM91 (\$10,577,411/\$7,049,714), D704HC64 (\$7,329,049), D701BW07/D704BW32 (\$20,700,000/\$7,283,816), D704RK66 (\$19,200,000), D704HC07 (\$85,475,761), D701CB18 (\$48,912,294), D704QM81 (\$42,196,192), D704HH19 (\$15,291,206), D705AW66 (\$25,508,446), D702RK23 (\$141,279,210), D703AW65 (\$67,450,071) and D703AW63 (\$21,263,266)..

V. ALTERNATIVES

There are no recommended alternatives.

Staff Summary

Item Number 1 (Final)					
Dept & Dept Head Name: Joe Keane, VP and Chief Engineer <i>Joe Keane</i>					
Division & Division Head Name: Aris Stathopoulos, DCE, Project Mgt.					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	07/08/16			
2	MTA B&T Committee	07/25/16			
3	MTA Board	07/27/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>[Signature]</i>	4	Executive Vice President <i>[Signature]</i>		
2	Sr. V.P. and General Counsel <i>MMT</i>	5	President <i>DS</i>		
3	V.P. and Chief Proc. Officer <i>[Signature]</i>				

SUMMARY INFORMATION	
Vendor Name HNTB/WSP Parsons Brinckerhoff, A Joint Venture	Contract Number PSC-15-2984
Description: Design and Construction Support Services for Project No. VN-84, Reconstruction and Rehabilitation of the Upper Level Approach Decks at the Verrazano-Narrows Bridge	
Total Amount \$11,735,921.00	
Contract Term (including Options, if any) Five (5) Years	
Option(s) included in Total Amount?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Renewal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract for Design and Construction Support Services for Project No. VN-84, Reconstruction and Rehabilitation of the Upper Level Approach Decks at the Verrazano-Narrows Bridge (VNB) to the Joint Venture of HNTB and WSP | Parsons Brinckerhoff (HNTB/WSP | PB), located at 350 Fifth Avenue, 57th Floor, New York, NY 10510, in the amount of \$11,735,921.00 for a duration of five (5) years. At a future date, the cost of construction support services (for Phase A) will be negotiated and presented to the Board for approval.

II. DISCUSSION

B&T requires the services of a qualified consulting engineering firm to design the reconstruction of the Brooklyn and Staten Island upper-level approach decks of the Verrazano-Narrows Bridge (Phase A) and to prepare preliminary designs for: (i) the upper-level eastbound Brooklyn approach (Phase B); and (ii) the replacement and widening of the Belt Parkway ramps (Phase C). The scope of work includes, but is not limited to structural rehabilitation, deck replacement, utility relocation and rehabilitation, drainage, fire standpipe and lane signal usage systems replacement.

The service requirements were publicly advertised; seven (7) firms submitted qualification information. Based on a review of their qualifications, the following four (4) firms were selected to receive the RFP: Hardesty & Hanover LLC; HNTB/WSP | PB; Parsons Transportation Group of New York, Inc.; and Thornton Tomasetti Weidlinger Transportation (formally Weidlinger Associates, Inc). All four (4) firms submitted proposals. The proposals were evaluated against established criteria set forth in the RFP, including an understanding of the technical requirements, proposed personnel, oral presentations and cost. The consensus recommendation of the Selection Committee was that B&T should enter into negotiations with HNTB/WSP | PB. The recommendation stressed that compared to the other firms, HNTB/WSP | PB's proposal represented the best value to the Authority. The JV's proposal demonstrated

Staff Summary

a superior level of effort and understanding of the RFP requirements. It also provided specific additional concepts to facilitate and improve construction project staging. The Selection Committee reviewed the levels of effort reflected in HNTB/WSP|PB's cost proposal, and confirmed that their cost proposal represented the most realistic approach and best value to B&T.

The Engineer's estimate is \$16,220,000. HNTB/WSP|PB submitted a cost proposal in the amount of \$11,735,921 (approximately 27.6% under the Engineer's estimate). The variance between HNTB/WSP|PB's proposal and the estimate can be attributed to: (i) the estimate's use of higher hourly rates vs. HNTB/WSP|PB's use of a high percentage of engineers at lower rates; and (ii) lower proposed hours than estimated, which was determined to be due to their previous experience and extensive knowledge of the VNB facility. HNTB/WSP|PB is considered a responsible consultant. Based on comparison to the estimate, HNTB/WSP|PB's proposal is considered fair and reasonable.

III. D/M/WBE INFORMATION

The MTA Department of Diversity and Civil Rights has established goals of 15% MBE and 15% WBE for the referenced contract. HNTB, WSP and PB have achieved their M/WBE goals on previous MTA contracts.

IV. IMPACT ON FUNDING

Funding is available in the 2015–2019 Capital Program under Project D702VN84.

V. ALTERNATIVES

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

Staff Summary

Item Number 2 (Final)					
Dept & Dept Head Name: Engineering & Construction Department, Joe Keane, P.E. <i>Joe Keane</i>					
Division & Division Head Name: Engineering & Construction Department, Aris Stathopoulos, P.E. <i>Aris Stathopoulos</i>					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	7/8/16			
2	MTA B&T Committee	7/25/16			
3	MTA Board	7/27/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>[Signature]</i>	4	Executive Vice President		
2	General Counsel <i>[Signature]</i>	5	President <i>[Signature]</i>		
3	Chief Procurement Officer <i>[Signature]</i>				

SUMMARY INFORMATION	
Vendor Name	Contract Number
Thornton Tomasetti, Inc.	PSC-15-2977
Description: Design and Construction Support Services for Project TN-53, Rehabilitation and Seismic Retrofit of the Approach Viaducts and Rehabilitation of the Lower Garage at the Throgs Neck Bridge	
Total Amount \$5,386,148.56	
Contract Term (including Options, if any) Two (2) years, Three (3) months	
Option(s) included in Total Amount?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Renewal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract for the design and construction support services for Project TN-53, Rehabilitation and Seismic Retrofit of the Approach Viaducts and Rehabilitation of the Lower Garage at the Throgs Neck Bridge (TNB) to Thornton Tomasetti, Inc. (TTI), formerly Weidlinger Associates, Inc., in the negotiated amount of \$5,386,148.56 for a duration of two (2) years, three (3) months. (This amount is for design services only; at a future date, the cost of construction support services for Project TN-53 will be negotiated and presented to the Board for approval).

II. DISCUSSION

B&T requires the services of an engineering consultant firm to perform complete design and phased construction support services for Project TN-53. Tasks include: (i) investigation and design brief; (ii) design services (40%, 70% and 100% submittals); (iii) development of complete construction specifications and drawings and (iv) phased construction support services. The anticipated scope of services includes but is not limited to: various structural repairs or replacements of stringers, subfloor beams, lateral bracing, median barrier and drainage systems; substructure repairs to pier columns and caps; seismic retrofit and bearing replacement and environmental assessment to determine the presence of asbestos and lead containing materials.

The service requirements were publicly advertised. Eight (8) firms submitted qualification information for review and

Staff Summary

evaluation by the selection committee and five (5) firms were chosen to receive the Request For Proposal (RFP). The firms are: Hardesty & Hanover/Buckland & Taylor, HNTB New York Engineering and Architecture, P.C., Parsons Transportation Group of New York, TTI and WSP/Parsons Brinckerhoff. The 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, record of diversity practices and performance and cost. After technical evaluations, the selection committee invited the three (3) highest rated firms for oral presentations: HNTB New York Engineering and Architecture, P.C., TTI and WSP/Parsons Brinckerhoff. Accordingly, based on evaluations and available information the selection committee recommended that negotiations be conducted with TTI.

The recommendation stressed TTI's thorough understanding of the relevant structural and architectural rehabilitation/repair needs which include: sub-floor beams; seismic vulnerabilities; concrete and pier rehabilitation; drainage system modifications and the lower garage rehabilitation. TTI proposed detailed technical solutions for the electrical scope as well. In addition, TTI proposed a project team with significant structural rehabilitation design experience on projects for B&T and specifically at the TNB. The Selection Committee confirmed that TTI's cost proposal represented the best overall approach and best value to the Authority.

TTI submitted a cost proposal in the amount of \$5,386,148.56. The Engineer's estimate is \$7,364,703. The 26.9% variance to the estimate can be attributed to: the estimate overstating various expenses/subconsultants (environmental, constructability, value engineering, and escalation) and savings in efficiencies based on TTI's direct experience at the TNB. TTI's level of effort in terms of hours is within 10.5% of the estimate.

Negotiations resulted in the B&T accepting TTI's proposal in the amount totaling \$5,386,148.56, which is 26.9% below the estimate and is considered fair and reasonable. TTI is considered a responsible consultant.

III. D/M/WBE INFORMATION

The MTA Department of Diversity and Civil Rights has established goals of 15% MBE and 15% WBE for the Contract. TTI has not completed any MTA contracts, therefore no assessment of the firm's MWBE performance can be determined at this time.

IV. IMPACT ON FUNDING

Funding is available in the 2015-2019 Capital Program under Project D701TN53.

V. ALTERNATIVES

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

Staff Summary

Item Number 3 (Final)					
Dept & Dept Head Name: Director Toll Operations, Joe Gugliero					
Division & Division Head Name: VP and Chief of Operations, Patrick Parisi					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	07/08/16			
2	MTA B&T Committee	07/25/16			
3	MTA Board	07/27/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>Adrian</i>	4	Executive Vice President <i>[Signature]</i>		
2	General Counsel <i>MMT</i>	5	President <i>[Signature]</i>		
3	Chief Procurement Officer <i>[Signature]</i>				

SUMMARY INFORMATION	
Vendor Name	Contract Number
1) JHK Engineering, P.C. 2) Henningson, Durham and Richardson Architecture and Engineering, P.C.	PSC-15-2980A PSC-15-2980B
Description Miscellaneous ITS Design Consultant on an As-Needed Basis	
Total Amount \$3,000,000	
Contract Term (Including Options, if any) Four (4) Years	
Option(s) included in Total Amount?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Renewal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval in accordance with the All-Agency Guidelines for Procurement of Services to award two personal service contracts, PSC-15-2980A and PSC-15-2980B solicited on a competitive basis to (A) JHK Engineering, P.C., located at 253 West 35th Street, New York, NY 10001 and (B) Henningson, Durham and Richardson Architecture and Engineering, P.C. located at 500 Seventh Ave., New York, NY 10018 to provide miscellaneous design services for Intelligent Transportation Systems (ITS) projects on an as-needed basis in the aggregate not to exceed amount of \$3,000,000 over a period of four (4) years.

II. DISCUSSION

The Authority requires the services of two multi-disciplined firms to provide miscellaneous ITS services on an as-needed basis. ITS systems provide innovative services for different modes of transportation and enables the public to make informed, safer and coordinated decisions when using transportation networks. These contracts will be for an indefinite quantity, with the required services being assigned on an as-needed basis by issuing work orders. Two contracts are being recommended for award to enable the Operations Department to assign work orders to each firm based on their current workload and available personnel. The RFP was publicly advertised in February 2016 and the solicitation notice was sent to seven hundred and three (703) firms. Twenty three (23) firms requested a copy of the

(rev. 1/22/14)

Staff Summary

solicitation and proposals were received by six (6) firms: JHK Engineering, P.C. (JHK); Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR); M&J Engineering, P.C (M&J); WSP/Parsons Brinckerhoff, Inc. (WSP/PB), Jacobs Civil Consulting, Inc. (JCCI) and Maestro Technologies, Inc. (MTI).

The Consultants, in their base proposals were asked to quote labor, overhead, profit and escalation rates based on predetermined titles. After evaluation of the technical and cost proposals, the Committee recommended that the Authority waive oral presentations and enter into negotiations with JHK and HDR for these contracts. The firms were selected based on (i) their understanding of the scope, (ii) extensive technical experience, (iii) software development teams and (iv) favorable cost proposals. Their understanding of the work and software experience were key factors in the committee's recommendation.

The total amount for each task will be negotiated separately using the labor, overhead and profit rates that have been negotiated in each contract. Approval is requested to award two contracts to provide miscellaneous design services for ITS projects on an as-needed basis on the aggregate not to exceed amount of \$3,000,000 over a period of four (4) years.

III. D/M/WBE INFORMATION

The MTA Department of Diversity and Civil Rights has assigned a 30% MWBE goal on this contract. JHK Engineering, P.C. and Henningson, Durham and Richardson Architecture and Engineering, P.C. (HDR) have achieved their MWDBE goals on previously completed MTA contracts.

IV. IMPACT ON FUNDING

Funding is available in the 2015-2019 Capital Program under various agency-wide (AW) projects (WAR Certificates will be requested on a Work Order basis).

V. ALTERNATIVES

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