

THE COUNCIL OF THE CITY OF NEW YORK

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Report on the Fiscal 2017 Executive Budget Department of Transportation

May 17, 2016

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Executive Budget Summary

- **Expense Budget Overview.** The Department of Transportation's (DOT or the Department) Fiscal 2017 Executive Budget totals \$947.1 million. The Fiscal 2017 Executive Budget is \$67.1 million more than DOT's Fiscal 2016 Adopted Budget of \$880 million.
 - Approximately \$557.3 million or 58.8 percent of DOT's Fiscal 2017 budget is City tax-levy (CTL) funding.
 - Approximately \$218.7 million, or 23.1 percent is Capital-IFA funding.
 - Approximately \$96.1 million, or 10.1 percent is State.
 - Approximately \$70.8 million, or 7.5 percent is federal. and
 - Approximately \$2.9 million or less than one percent is Intra-City funding.
- **Headcount.** DOT's total headcount for Fiscal 2017 is 5,338 positions, consisting of 5,060 full-time positions and 278 full-time equivalent positions, for a net increase of 185 positions when compared to the Fiscal 2016 Adopted Budget.
- **Executive Budget Changes.** The Department's Fiscal 2016 Executive Budget includes \$21.3 million in new needs for Fiscal 2017 and a net of (\$4.9) million in other adjustments including:
 - \$6.5 million to fund two leased spaces;
 - \$6.4 million for 26 positions associated with Information Technology (IT) services;
 - \$3.4 million for parking meter credit card reader update;
 - \$1.2 million for Gowanus High Occupancy Vehicle (HOV) Lane Operations; and
 - \$1.1 million to purchase 175 rented vehicles, which will result in cost savings up to \$968,000 in Fiscal 2020.
- **Citywide Savings Program.** The Department's Fiscal 2017 Executive Budget includes \$19.9 million in CTL savings in Fiscal 2016 and \$26.6 million in Fiscal 2017. The projected savings includes additional projected revenue of \$12.9 million in Fiscal 2016 and \$10.4 million in Fiscal 2017, of which the majority will come from additional summons revenue generated by the Highway Inspection and Quality Assurance Unit (HIQA) from increased highway inspections.
- **Major Agency Issue.** The Fiscal 2017 Executive Budget does not include the additional \$2.5 million for the Vision Zero education campaign as recommended by the Council in its response to the Mayor's Fiscal 2017 Preliminary Budget. Other Council recommendations for the Department of Transportation that are not funded in the Executive Plan include additional funding for graffiti removal, street reconstruction, Street Improvement Projects, Citi Bike expansion, and for the construction of protected bike lanes.
- **Capital Budget.** The Fiscal 2017 Executive Capital Commitment Plan includes \$9.8 billion in Fiscal 2016-2020 for the DOT. For Fiscal 2017, the Department's Capital Budget totals \$3.4 billion and includes \$370.6 million for waterway bridges, \$1.3 billion for highway bridges, \$1.1 billion for highways and streets, \$397.5 million for ferries, \$55.3 million for equipment, and \$161.2 million for traffic.

DOT Overview

This report presents a review of DOT's Fiscal 2017 Executive Budget. The section below presents an overview of the agency's budget and how it has changed during the course of Fiscal 2016, followed by a review of the significant budget actions introduced in the Fiscal 2017 Executive Budget. Major issues related to the Department's budget are then discussed. Analysis and highlights of the Department's Capital Commitment Plan for the Fiscal 2017 Executive Budget follows the discussion of the expense budget. Appendix 1 reports the changes made to the Fiscal 2016 and Fiscal 2017 Budgets since Adoption of the Fiscal 2016 Budget. For additional information on the Department's budget and its various programs, please refer to the Fiscal 2017 Preliminary Budget Report for the Department of Transportation at: http://council.nyc.gov/html/budget/fy17_documents.shtml

DOT Financial Summary						
<i>Dollars in Thousands</i>	2014	2015	2016	Executive Plan		*Difference
	Actual	Actual	Adopted	2016	2017	2016 - 2017
Spending						
Personal Services	\$391,553	\$412,816	\$414,813	\$443,989	\$464,520	\$49,707
Other Than Personal Services	469,053	472,180	465,199	518,840	482,561	17,362
TOTAL	\$860,606	\$884,996	\$880,012	\$962,829	\$947,081	\$67,069
Budget by Program Area						
Bridge Engineering and Administration	\$23,519	\$24,210	\$33,382	\$29,274	\$36,022	\$2,640
Bridge Maintenance, Repair & Operations	64,396	66,699	69,741	72,072	70,901	1,160
DOT Management & Administration	53,015	59,226	52,651	57,704	59,575	6,924
DOT Vehicles&Facilities Mgmt&Maintenance	67,521	46,965	46,780	49,200	54,803	8,023
Ferry Administration & Surface Transit	4,691	4,445	4,346	5,115	4,344	(2)
Municipal Ferry Operation & Maintenance	93,685	101,032	91,609	98,366	87,462	(4,147)
Roadway Construction Coordination&Admin	9,287	10,507	15,910	17,508	17,211	1,301
Roadway Repair, Maintenance & Inspection	231,734	228,689	224,879	249,706	261,619	36,740
Traffic Operations & Maintenance	269,125	294,112	311,977	315,203	326,327	14,350
Traffic Planning Safety & Administration	43,633	49,112	28,738	68,682	28,817	79
TOTAL	\$860,606	\$884,996	\$880,012	\$962,829	\$947,081	\$67,069
Funding						
City Funds	\$453,685	\$516,157	\$537,923	\$537,856	\$557,294	\$19,371
Other Categorical	27,298	9,106	1,372	3,502	1,371	(1)
Capital- IFA	194,152	177,159	181,516	193,329	218,666	37,150
State	88,890	93,047	91,248	105,775	96,081	4,833
Federal - Community Development	699	235	0	0	0	0
Federal - Other	92,096	84,569	65,109	118,249	70,793	5,684
Intra City	3,786	4,723	2,843	4,118	2,876	33
TOTAL	\$860,606	\$884,996	\$880,012	\$962,829	\$947,081	\$67,069
Budgeted Headcount						
Full-Time Positions	4,408	4,452	4,854	5,092	5,060	206
Full-Time Equivalent Positions	388	409	299	281	278	(21)
TOTAL	4,796	4,861	5,153	5,373	5,338	185

*The difference of Fiscal 2016 Adopted Budget compared to Fiscal 2017 Executive Budget.

The City's Fiscal 2017 Executive Budget totals \$82.2 billion, \$3.7 billion more than the Fiscal 2016 Adopted Budget of \$78.5 billion. City funds (City tax-levy and non-tax revenues) total \$59.4 billion, \$2.5 billion more compared to the Fiscal 2016 Adopted Budget amount of \$56.9 billion. For DOT, the Fiscal 2017 Executive Budget totals \$947.1 million. This represents approximately 1.2 percent of the City's total budget.

The Department's Fiscal 2017 Executive Budget of \$947.1 million is \$67.1 million more than its Fiscal 2016 Adopted Budget of \$880 million. The \$67.1 million increase is due to growth in the Personal Services (PS) budget of \$49.7 million and in the Other Than Personal Services (OTPS) budget of \$17.4 million. The majority of the increase is associated with funding realignment for roadway repairs, funding increases for the traffic enforcement camera program, IFA adjustments associated with capital project staffing, and labor settlements. The Executive Budget is \$16.4 million more than the Department's Fiscal 2017 Preliminary Budget.

At the time of Adoption for Fiscal 2016, DOT's projected Fiscal 2017 Budget of \$856.9 million was \$23.1 million less than the Fiscal 2016 Adopted Budget of \$880 million. DOT's projected headcount of 5,143 for Fiscal 2017 was also 10 less than the Fiscal 2016 Adopted Budget headcount of 5,153. This decrease in headcount is due, in part, to State and federal funding recognized in Fiscal 2016 and not in Fiscal 2017. The headcount will be recognized when additional funds are received.

Since the adoption of the Fiscal 2016 budget, several initiatives have impacted both the agency's budget and headcount for Fiscal 2016 and Fiscal 2017. For Fiscal 2016 these include \$27.2 million in new needs, \$55.6 million in other adjustments, and a headcount change of 220 positions. For Fiscal 2017 these include \$64.9 million in new needs, \$25.3 million in other adjustments, and a headcount change of 195 positions. Combined, these changes reconcile the agency to its current budget of \$962.8 million for Fiscal 2016 and \$947.1 million for Fiscal 2017. Headcount changes are reconciled to 5,373 positions in Fiscal 2016 and 5,338 in Fiscal 2017. (See Appendix 1 for a list of all budget actions since adoption.)

- **City Tax-Levy Increase.** The DOT's Fiscal 2017 City-funded portion of the budget shows an increase of \$19.4 million when compared to the Fiscal 2016 Adopted Budget, and the modified budget for Fiscal 2016 shows decrease of \$67,000.
- **Non-City Funding.** For Fiscal 2017, DOT's non-city revenue increases by a net of \$47.7 million when compared to the Fiscal 2016 Adopted Budget, and the current modified budget for Fiscal 2016 shows growth of approximately \$82.9 million.
- **Headcount Changes.** The agency's overall headcount increased by 185 positions from Fiscal 2016 to 2017, with an increase of 206 full-time and a decrease of 21 full-time equivalent positions. The current modified budget for Fiscal 2016 increased by 220 positions, with an increase of 238 full-time and a decrease of 18 full-time equivalent positions.

Since the Fiscal 2016 budget was adopted last June, below is a summary of key funding changes by program area impacting DOT's Fiscal 2017 Executive Budget.

- **Roadway Repair, Maintenance & Inspection.** The Department's Fiscal 2017 Executive Budget includes \$261.6 million for the roadway repair, maintenance and inspection program area, \$35.3 million more than the Fiscal 2016 Adopted Budget of \$226.4 million. The majority of the increase in spending is for street and roadway resurfacing work (\$23.4 million). In addition, funding for ADA pedestrian ramp crews (\$9.3 million), and citywide concrete saw blade replacements (\$66,000) also contributed to the increase.
- **Traffic Operations & Maintenance.** The Fiscal 2017 Executive Budget includes \$326.3 million for DOT's traffic operations and maintenance program area, which is \$14.4 million more than the Fiscal 2016 Adopted Budget of \$311.9 million. The majority of the increase is attributable to 38 additional positions needed to process increased speed and bus lane cameras

enforcement (\$5.8 million), parking meter credit card reader update (\$3.4 million), and the operation of the Gowanus High Occupancy Vehicle Lane (\$1.2 million).

- **DOT Vehicles & Facilities Mgmt. & Maintenance.** The Fiscal 2017 Executive Budget includes \$54.8 million for DOT's vehicles and facilities management and maintenance program area, which is \$9.5 million more than the Fiscal 2016 Adopted Budget of \$45.3 million. The majority of the increase is primarily due to the addition of \$6.5 million funding for new leases, \$1.2 million for lease adjustment, and \$1.2 million to purchase vehicles in place of those currently rented.
- **DOT Management & Administration.** The Fiscal 2017 Executive Budget includes \$59.6 million for the management and administration program area, \$6.9 million more than the Fiscal 2016 Adopted Budget of \$52.7 million. The increase is primarily due to \$4.9 million to fund 13 consultancy positions that perform IT services, and new baseline funding of \$1.5 million to bring in-house 13 positions for IT services.
- **Municipal Ferry Operation & Maintenance.** The Fiscal 2017 Executive Budget includes \$87.5 million for the municipal ferry operation and maintenance program area, which is \$4.1 less than the Fiscal 2016 Adopted Budget of \$91.6 million. The decrease is due to \$6.1 million cost adjustment related to motor fuels.
- **Bridge Engineering and Administration.** For Fiscal 2017, the bridge engineering and administration program area will receive funding of \$36 million, an increase of \$2.8 million when compared to the Fiscal 2016 Adopted Budget of \$33.2 million. The majority of the increase is attributable to collective bargaining increases totaling \$2 million in Fiscal 2017 and in the outyears for bridge repairers and riveters.
- **Roadway Construction Coordination & Admin.** For Fiscal 2017, the roadway construction coordination and administration program area will receive funding of \$17.2 million, an increase of \$1.3 million when compared to the Fiscal 2016 Adopted Budget of \$15.9 million. The increase is primarily due to \$1.1 million for 22 positions to oversee DOT's ADA pedestrian ramp compliant efforts, and \$517,000 for six positions within DOT's Office of Construction Mitigation and Coordination (OCMC).
- **Bridge Maintenance, Repair & Operations.** For Fiscal 2017, the bridge maintenance, repair and operations program area will receive funding of \$70.9 million, an increase of \$1 million when compared to the Fiscal 2016 Adopted Budget of \$69.9 million. The increase in funding will help the Department continue to provide adequate maintenance of the City's bridges.

New in the Executive Budget

The following are major financial plan actions for Fiscal 2017 included in the Executive Plan:

- **Additional Staff for Towing Services.** The Fiscal 2017 Executive Plan includes baseline funding of \$130,000 beginning in Fiscal 2017 for four DOT positions associated with the Department of Environmental Protection's (DEP) towing services fleet through an intra-city fund arrangement.
- **Arterial Highway Sweepers Maintenance.** The Fiscal 2017 Executive Plan includes \$157,000 in Fiscal 2017, \$164,000 in Fiscal 2018, \$170,000 in Fiscal 2019, and \$184,000 in Fiscal 2020 for maintenance costs associated with 14 new street cleaning sweepers purchased with capital funding in Fiscal 2016.

- **Citywide Concrete Saw Blade Replacements.** The Fiscal 2017 Executive Plan includes a baseline funding of \$66,000 beginning in Fiscal 2017 for costs associated with road construction vehicles' blade replacement. The Department plans to replace previously rented construction vehicles with purchased vehicles, which would incur maintenance costs including the cost for blade replacement.
- **Expanded Facility for Automated Enforcement Unit.** DOT's Automated Enforcement Unit oversees all enforcement cameras (bus lane, red-light, and speed cameras) and issues violations. To accommodate the increasing number of new enforcement cameras and positions, the DOT's Fiscal 2017 Executive Plan includes \$527,000 in Fiscal 2017 and \$1 million in Fiscal 2018 and in the outyears to expand the unit's existing facility space.
- **Funding for New Leases.** The Department's Fiscal 2017 Executive Plan includes baseline funding of \$6.5 million beginning in Fiscal 2017 for its two new properties. Of the \$6.5 million in new funding, \$5 million is for the in-house service fleet near the Hamilton Avenue asphalt plant in Brooklyn, and \$1.5 million is to replace the current Roadway Repair and Maintenance Unit facility in Manhattan when the lease is terminated.
- **Garage Maintenance Incremental Cost Increase.** The Fiscal 2017 Executive Plan includes a funding increase of \$807,000 in Fiscal 2016, \$768,000 in Fiscal 2017, and \$764,000 in Fiscal 2018 for costs associated with the maintenance of eight garages citywide. The current maintenance cost for the eight garages before the increase is \$4.8 million.
- **Gowanus High Occupancy Vehicle Lane (HOV) Operations.** The Fiscal 2017 Executive Plan includes \$1.2 million in Fiscal 2017 and \$1.4 million in Fiscal 2018 and in the outyears for the operation cost associated with building a moving lane during rush hours along the Gowanus HOV Lane. The HOV lane operates from the Verrazano Narrows Bridge to the Hugh Carey Brooklyn Battery Tunnel (5.3 miles). The State and the MTA will also fund the initiative with each matching the City's contribution, bringing the total funding to \$4.2 million per year beginning in Fiscal 2018.
- **Information Technology (IT) Funding.** The Fiscal 2017 Executive Plan includes \$4.9 million in Fiscal 2017 and \$2.4 million in Fiscal 2018 to fund 13 positions associated with IT consultancy services that are considered intangible assets and therefore no longer eligible for capital funding.
- **Information Technology In-Sourcing.** In order to achieve a citywide goal of reducing long-term contract costs, the DOT's Fiscal 2017 Executive Plan includes baseline funding of \$1.5 million to convert 13 contracted positions to full-time employees beginning in Fiscal 2017.
- **Maintenance for Red Light Cameras.** The Department's Fiscal 2017 Executive Plan includes funding of \$175,000 in Fiscal 2016 and \$700,000 in Fiscal 2017 and in the outyears for the maintenance costs associated with 50 red light cameras.
- **Parking Meter Credit Card Reader Update.** The Fiscal 2017 Executive Plan includes funding of \$3.4 million in Fiscal 2017 only to upgrade 30,600 credit card readers to accept chip-based credit cards at parking meters and at the City's eight municipal garages.
- **Positions for the Office of Construction Mitigation and Coordination (OCMC).** The Fiscal 2017 Executive Plan includes \$517,000 in Fiscal 2017 and \$345,000 in Fiscal 2018 and in the outyears for six positions in the OCMC to help process the increasing volume in projects and permits. OCMC reviews all construction permit applications and develops

construction activity stipulations for permits to allow for work to occur with minimal disruption to businesses, motorists, bicyclists and pedestrians, and avoid conflicts with other construction projects and special events. OCMC also interfaces with project engineers, city agencies, community boards, elected officials and the general public to resolve construction issues related to mobility.

- **Senior Executive Director for Brooklyn Queens Connector (BQX) Project.** The DOT's Fiscal 2017 Executive Plan includes \$28,000 in Fiscal 2016 and \$165,000 in Fiscal 2017 and in the outyears for a Senior Executive Director position for the BQX Project. This executive-level manager position will have the chief responsibility of planning, developing, and implementing a comprehensive strategy to bring a light rail/streetcar to New York City.
- **Traffic Operations Engineering Salary Reconciliation.** The Department's Fiscal 2017 Executive Plan includes an Inter Fund Agreement (IFA) adjustment of \$210,000 in Fiscal 2016 and \$840,000 in Fiscal 2017 and in the outyears for seven existing positions in traffic operation engineering.
- **Citywide Savings Program.** Along with the Fiscal 2017 Executive Plan, the Office of Management and Budget (OMB) released a Citywide Savings Program that outlines plans to reduce City spending by \$1.3 billion in Fiscal 2016 and \$997.5 million in Fiscal 2017. To develop the program, OMB asked all agencies to identify efficiencies, alternative funding sources and programmatic changes that would yield budgetary savings without reducing service levels. DOT has proposed savings totaling \$20 million in Fiscal 2016 and \$26.6 million in Fiscal 2107. DOT's savings plan include:
 - **Vehicles Rent to Own.** To achieve net savings of \$1.1 million in Fiscal 2017 and in the outyears, DOT will replace 13 pieces of equipment, 23 pickup trucks and 10 arterial tractors that are currently rented, with purchased vehicles and equipment. The upfront cost to purchase is \$202,000 in Fiscal 2016, and four positions are needed to maintain the vehicles and equipment.
 - **Red Paint for Select Bus Service Routes.** DOT will generate savings of \$2.5 million in Fiscal 2017 and in the outyears by switching from red paint to red asphalt for in-development Select Bus Service routes.
 - **Convert Harper St. Asphalt Plant.** By converting the energy source at its Harper Street asphalt plant from diesel fuel to electricity, DOT anticipates savings of \$100,000 per year beginning in Fiscal 2016.
 - **Highway Inspection and Quality Assurance (HIQA) Technology Advancements - Electronic Notice of Violations (NOVs).** Because DOT is able to issue electronic NOVs at lower cost than the previous paper-based system, the Department anticipates savings of \$54,000 in Fiscal 2016, \$59,000 in Fiscal 2017, growing to \$71,000 in Fiscal 2019 and in the outyears.
 - **Data Storage Platform Savings.** The Department anticipates yearly maintenance savings of \$624,000 from a new data storage platform contract from Fiscal 2016 to Fiscal 2019.
 - **Funding Switch: Long Line Pavement Markings.** In Fiscal 2017 only, federal funds of \$1 million will offset part of the long line pavement marking contract for limited access highways.

- **Statewide Mass Transportation Operating Assistance (STOA) Funding Switch.** The Department anticipates discretionary STOA funding of \$2.5 million to offset the cost for eligible ferry operations, resulting in CTL savings of the same amount in Fiscal 2016 and Fiscal 2017 and in the outyears.
- **Grant Funding for Traffic Management Center.** DOT will use grant funding of \$2.7 million in Fiscal 2016 and \$2 million in Fiscal 2017 from the Federal Highway Administration in place of City tax-levy funding for the Traffic Management Center.
- **Savings from Conversion to LED Streetlights.** Due to the long lasting and efficient nature of LEDs, DOT anticipates City tax-levy savings of \$282,000 in Fiscal 2016, \$2.3 million in Fiscal 2017, \$6 million in Fiscal 2018, \$8.4 million in Fiscal 2019, and \$8.6 million in Fiscal 2020 from the replacement of 167,025 lights with LED bulbs in Queens, Manhattan, Staten Island, and the Bronx.
- **Safety Projects Funding.** The DOT's Fiscal 2017 Executive Plan includes federal funding of \$400,000 in Fiscal 2016, \$1.3 million in Fiscal 2017, and \$450,000 in Fiscal 2018 for pedestrian safety projects resulting in annual CTL savings in the same amounts.
- **Bridge Flag Repair Consolidated Local Street and Highway Improvement Program (CHIPs) Funding.** The Department will use State CHIPs funding of \$1.9 million in Fiscal 2017 in place of City funds for 23 positions performing bridge repairs.
- **Transition from Renting Vehicles and Equipment to City Ownership.** The Department will purchase 155 capitolly eligible vehicles and 20 expense vehicles which will result in cost savings after year one of the initiative, with additional positions needed to perform maintenance on the new City-owned vehicles. The initial implementation cost in Fiscal 2017 is \$1.2 million, including five positions. Thereafter, DOT anticipates savings of \$222,000 in Fiscal 2018, \$818,000 in Fiscal 2019, and \$968,000 in Fiscal 2020. Also, the headcount would increase by 12 positions in Fiscal 2018, 18 positions in Fiscal 2019, and 29 positions in Fiscal 2020.
- **Efficiencies in Asphalt Hauling.** The Department will switch to vehicles with greater capacity to haul asphalt, resulting in savings of \$559,000 in Fiscal 2017, \$576,000 in Fiscal 2018, \$594,000 in Fiscal 2019 and in the outyears. The initiative will need two positions to perform the hauling services beginning in Fiscal 2018.
- **Highway Inspection Increased Productivity.** The Highway Inspection and Quality Assurance Unit has increased its productivity through the use of electronic handheld devices. As a result, seven positions will be eliminated through attrition beginning in Fiscal 2017. Also, the increased productivity will result in additional summons revenue of \$11 million in Fiscal 2016 and \$8.2 million in Fiscal 2017. The increase in summons revenue will decline with increased compliance, dropping to \$221,000 in Fiscal 2018, \$275,000 in Fiscal 2019, and \$298,000 in Fiscal 2020.
- **Streetlight Maintenance Contract Savings.** DOT anticipates a reduction of streetlight maintenance costs of \$1.1 million in Fiscal 2016 and Fiscal 2017 due to the conversion to LEDs and the installation of sensors able to switch on the lights only when specific levels of darkness are reached.

- **Reduction of Vacant Positions.** The Department anticipates a reduction in vacancies of eight positions in various departments, resulting in savings of \$526,000 beginning in Fiscal 2016.
- **Re-estimate of Revocable Consents, Electrical Transformer and Rental Revenue.** The Department will generate additional revenue of \$2 million in Fiscal 2016, \$2.4 million in Fiscal 2017, \$3.8 million in Fiscal 2018, \$5.2 million in Fiscal 2019, and \$6.6 million in Fiscal 2020 from revocable consents, electrical transformers, and a one-time rental payment for bike share storage of \$391,000.
- **Revised Speed Camera Revenue.** Although not part of the citywide savings plan, due to the deployment of additional speed cameras, DOT will realize additional fine revenue of \$18.4 million in Fiscal 2017, \$12.2 million in Fiscal 2018, \$7.3 million in Fiscal 2019, and \$1.6 million in Fiscal 2020.

DOT Budget Issues

Preliminary Budget Response

The Council's response to the Mayor's Fiscal 2017 Preliminary Budget included several recommendations for the Department of Transportation. The recommendations called on the Administration to baseline funding for Vision Zero public education campaign (\$2.5 million), to restore funding for the DOT's graffiti removal program, to increase the construction of protected bike lanes to 15 miles per year as the new minimum standard, to expand Citi Bike citywide, to increase the capital budget by \$240 million annually for street reconstruction, and to increase Street Improvement Projects from 80 to 98 projects per year (\$52.4 million). Of the six recommendations, none were directly funded in the Fiscal 2017 Executive Plan. However, the DOT's Fiscal 2017 Executive Plan includes additional capital funding of \$186 million, for a total of \$282.3 million in Fiscal 2018 for costs associated with resurfacing 1,300 lane miles of streets. The additional funding is consistent with the Council's Fiscal 2015 Budget Response request.

Preliminary Budget Highlights

- **ADA Pedestrian Ramp Contract Inspection and Survey Staff.** DOT has a new need of \$934,000 in Fiscal 2016, \$1.1 million in Fiscal 2017, \$1.2 million in Fiscal 2018, and \$1.3 million in Fiscal 2019 for 22 positions to oversee its ADA pedestrian ramp compliant efforts.
- **ADA In-House Pedestrian Ramp Crews.** The Fiscal 2017 Preliminary Plan included \$1.9 million for 17 positions in Fiscal 2016 and \$9 million for 62 positions in Fiscal 2017 and in the outyears to rehabilitate and maintain pedestrian ramps citywide to comply with the Americans with Disabilities Act (ADA).
- **Additional Speed and Bus Enforcement.** The Fiscal 2017 Preliminary Plan included additional expense funding of \$448,000 in Fiscal 2016, \$5.8 million in Fiscal 2017, and reaching to \$10.9 million in Fiscal 2020 for PS and OTPS costs associated with the maintenance of additional speed and bus lane enforcement cameras. The funding will allow DOT to hire an additional 38 positions, add 100 more school zone cameras for a total of 240 cameras in 140 school zones, and increase bus lane cameras by 10 routes and 100 additional cameras for a total of 16 routes and 185 cameras. .

- **Auto Mechanics.** The Fiscal 2017 Preliminary Plan included a new need of \$471,000 in Fiscal 2016 and \$895,000 in Fiscal 2017 for 10 auto mechanics, and \$1.6 million in Fiscal 2018 and in the outyears for 18 mechanics to help maintain DOT work vehicles.
- **Citywide Parking Meter Expansion.** The Fiscal 2017 Preliminary Plan included additional funding of \$775,000 in Fiscal 2016, \$772,000 in Fiscal 2017, \$753,000 in Fiscal 2018, and \$734,000 in Fiscal 2019 and in the outyears for 10 positions to support the operation and maintenance of 600 new parking meters being installed citywide.
- **Daylighting 100 Intersections.** The Fiscal 2017 Preliminary Plan included \$130,000 in Fiscal 2016 only to enable DOT to implement measures that would improve visibility and left turn safety at 100 city intersections by prohibiting parking near adjoining crosswalks. This action is also known as “Daylighting”.
- **Bicycle Network Development.** As laid out in the PlaNYC 2030, the City is committed to having 1,800 bike-lane miles (on streets, in parks, and along paths) by the year 2030, with the goal to install 50 lane miles each year until the citywide bicycle network is completed. The Fiscal 2017 Preliminary Plan included \$8.2 million, all federal funding, for bicycle network expansion.
- **Connected Vehicles.** The Fiscal 2017 Preliminary Plan included \$2 million in grant funding in Fiscal 2016 only for the Connected Vehicles program. The Connected Vehicle program is a pilot program initiated by the federal Department of Transportation, to explore wireless connectivity between vehicles, infrastructure, and passengers’ personal communication devices as a means to improve safety.
- **Large Vessel Dry Docking.** DOT will use \$10 million in federal and State funding in place of City tax-levy funds for costs associated with the Staten Island Ferry dry docking in Fiscal 2016. Of that amount, \$8.9 million will be federally funded.
- **Wayfinding – Job Access/Reverse Commute (JARC).** The Fiscal 2017 Preliminary Plan included \$2.6 million in Fiscal 2016 in federal Job Access and Reverse Commute (JARC) funding for the Department’s wayfinding signage program.

DOT Capital Program

Capital Commitment Plan

The Fiscal 2017 Executive Budget Capital Commitment Plan includes \$9.8 billion in Fiscal 2016-2020 for the Department of Transportation (including City and Non-City funds). This represents approximately 14.6 percent of the City’s total \$67.1 billion Executive Plan for Fiscal 2016-2020. The agency’s Executive Commitment Plan for Fiscal 2016-2020 is seven percent greater than the \$9.1 billion scheduled in the Preliminary Commitment Plan, an increase of \$658 million.

The majority of capital projects span multiple fiscal years, and it is, therefore common practice for an agency to roll unspent capital funds into future fiscal years. In Fiscal 2015, the Department of Transportation committed \$1.3 billion or 81.3 percent of its annual planned Capital Commitment of \$1.6 billion. Therefore, it is assumed that a significant portion of the agency’s Fiscal 2016 Capital Plan will be rolled into Fiscal 2017, increasing the size of the Fiscal 2017-2020 Capital Plan as reflected in the chart below.

DOT 2016-2020 Capital Commitment Plan*Dollars in Thousands*

	2016	2017	2018	2019	2020	Total
Preliminary Plan	\$1,468,156	\$2,737,282	\$1,711,995	\$1,784,825	\$1,439,475	\$9,141,733
Executive Plan	1,420,743	3,363,654	1,669,254	1,504,396	1,841,705	9,799,752
Change	(47,413)	626,372	(42,741)	(280,429)	402,230	658,019
Percentage Change	(-3%)	23%	(-2%)	(-16%)	28%	7%

Source: OMB Fiscal 2017 Executive Capital Commitment Plan

Executive Budget Highlights

The Department's Fiscal 2017 Executive Capital Commitment Plan reflects an increase of more than \$658 million, or seven percent more when compared to the agency's Fiscal 2017 Preliminary Capital Commitment Plan. The majority of the increased can be attributed to increase funding for bridge maintenance, street resurfacing and reconstruction.

Some of the major capital projects included in the Executive Capital Plan for Fiscal 2017-2020 include:

- **Bridges Rated "Fair" or "Good".** The Fiscal 2017 Capital Commitment Plan includes planned commitments totaling \$2.3 billion in Fiscal 2017 through 2020 for the complete reconstruction or rehabilitation of approximately 64 bridge projects rated "fair" or "good", including \$917.2 million for the Brooklyn-Queens Expressway Triple Cantilever Bridge and \$213.2 million for Bruckner Expressway Bridge over Westchester Creek.
- **Bridge Projects Life Extension.** The Fiscal 2017 Capital Commitment Plan includes planned commitments totaling \$1.1 billion in 2017 to 2020 to complete rehabilitative work of approximately 35 bridge projects scheduled for life extension, including \$156.4 million for Broadway Bridge over Harlem River and \$86.1 million for FDR Northbound from East 42nd to 49th Street.
- **East River Bridges.** The Fiscal 2017 Capital Commitment Plan includes \$743 million in 2017 to 2020 for the continued reconstruction and rehabilitation of the East River Bridges, including \$335.8 million for the Brooklyn Bridge and \$291.5 million for the Ed Koch Queensboro Bridge.
- **Street Resurfacing.** The Fiscal 2017 Capital Commitment Plan includes \$856.3 million in 2017 to 2020 for street and arterial resurfacing of 3,856 lane miles.
- **Street Reconstruction.** The Fiscal 2017 Capital Commitment Plan includes \$1.6 billion for street reconstruction of approximately 389 lane miles; including Woodhaven Boulevard Select Bus Service (\$171.4 million), reconstruction of Queens Boulevard (\$104.7 million) and various projects to address the needs of Southeast Queens (\$89.5 million).
- **Pedestrian Ramps and Sidewalks.** The Fiscal 2017 Capital Commitment Plan includes \$555.2 million in 2017 to 2020 for the installation and reconstruction of pedestrian ramps at approximately 37,535 corners (\$300.2 million) and the replacement of approximately 24 million square feet of sidewalk (\$255 million).

- **Signal Installation.** The Fiscal 2017 Capital Commitment Plan includes \$131.2 million in 2017 to 2020 for signal installation and maintenance, as well as the computerization and modernization of signalized intersections.
- **LED Lights Upgrades.** The Fiscal 2017 Capital Commitment Plan includes \$102.8 million in 2017 to 2020 for upgrade and replacement of lampposts, luminaires, and associated infrastructure.
- **Reconstruction and Replacement of Ferry Boats.** The Fiscal 2017 Capital Commitment Plan includes \$401.5 million in 2017 to 2020 for the reconstruction and replacement of ferry boats, including the construction of new ferry boats (\$327.7 million).
- **Ferry Terminal Improvements.** The Fiscal 2017 Capital Commitment Plan includes \$134.9 million in 2017 to 2020 for ferry terminal and facility improvements.

Below are some of the key investments included in the capital commitment plan for Fiscal 2017:

- Planned commitments for the rehabilitation of bridges rated “fair”, including Bruckner Expressway over Westchester Creek (\$213.2 million) and Atlantic Avenue over Long Island Rail Road (\$90.9 million);
- Planned commitments of \$291.5 million for the rehabilitation of the Ed Koch Queensboro Bridge;
- Planned commitments of \$156.4 million for rehabilitative work on bridges scheduled for life extension, including Broadway Bridge over Harlem River;
- Planned commitments of \$585.3 million for street reconstruction of approximately 139 lane miles, which includes Trench Restoration (\$60 million), various projects to address the needs in Southeast Queens (\$44.6 million) and Reconstruction of West 33rd Street-Hudson Yards Vicinity (\$35.7 million);
- Planned commitments of \$282.3 million for street and arterial resurfacing of 1,300 lane miles of streets;
- Planned commitments of \$163.3 million for the reconstruction of sidewalks and pedestrian ramps;
- Planned commitments of \$22.6 million for the replacement of lampposts, luminaires, and associated infrastructure with LED;
- Planned commitments of \$11.4 million for the installation of bus lane enforcement cameras; and
- Planned commitments of \$327.7 million for the construction of three new ferry boats.

Appendix 1: DOT Fiscal 2017 Budget Actions since Fiscal 2016 Adoption

<i>Dollars in Thousands</i>	Fiscal 2016			Fiscal 2017		
	City	Non-City	Total	City	Non-City	Total
DOT Budget as of the Fiscal 2016 Adopted Plan	\$537,923	\$342,088	\$880,011	\$516,441	\$340,471	\$856,912
New Needs - Prelim. 2017						
ADA Pedestrian Ramp Contract Inspection and Survey Staff	\$934	\$0	\$934	\$1,139	\$0	\$1,139
Funding to Purchase Expense Vehicles Associated with Positions Approved in FY15	1,038	0	1,038	38	0	38
ADA In-House Pedestrian Ramp Crews	1,901	0	1,901	0	9,297	9,297
Add'l Speed & Bus Enforcement	448	0	448	5,812	0	5,812
Auto Mechanics	471	0	471	895	0	895
Capital Project Initiation (CPI) Staff	134	0	134	267	0	267
Citywide Parking Meter Expansion	775	0	775	772	0	772
Credit Card Fees	2,376	0	2,376	0	0	0
Daylighting 100 Intersections	130	0	130	0	0	0
East Midtown Traffic Study	1,340	0	1,340	660	0	660
Freight Mobility Staff	308	0	308	615	0	615
Staff for MTA Unit	126	0	126	252	0	252
Street Resurfacing IFA Adjustment	0	15,626	15,626	0	23,439	23,439
Traffic Operations IFA Adjustment	0	370	370	0	370	370
Subtotal, New Needs	\$9,981	\$15,996	\$25,977	\$10,450	\$33,106	\$43,556
Other Adjustments - Prelim. 2017						
34th St Bus Livability	\$0	\$3,020	\$3,020	\$0	\$0	\$0
Arverne East Transit	0	296	296	0	0	0
Bicycle Network Development	0	8,225	8,225	0	0	0
Bike Net Highway Safety Impvmt	0	630	630	0	0	0
Bridge Painting In-House	0	463	463	0	0	0
Bus Rapid Transit GM #285	0	50	50	0	0	0
Bus Rapid Transit GM #320	0	196	196	0	0	0
City Benches	0	412	412	0	0	0
Citywide Congested Corridors	0	934	934	0	0	0
Connected vehicles	0	2,131	2,131	0	0	0
Corrosion Study Annadale Brdg	0	84	84	0	0	0
Collective Bargaining	4,419	763	5,182	4,716	963	5,679
Drive Smart	0	177	177	0	0	0
Education & Enforcement NHTSA	0	98	98	0	0	0
Funds Purchase of LSA Signs	0	18	18	0	0	0
Hunts Point Diesel Reduction	0	1,609	1,609	0	0	0
Hunts Point DSL EMI Reduction	0	600	600	0	0	0
Hutchinson Metro Center Study	0	968	968	0	0	0
ICM-495 Corridor Study	0	380	380	0	0	0
Install Dec Lamposts 88th St	0	510	510	0	0	0
Intersection Control Unit	0	381	381	0	381	381
Intersection Improvements - MN	0	856	856	0	0	0
Intra City	0	9	9	0	0	0
Jamaica Bay Greenway Plan	0	509	509	0	0	0
Large Vessel Dry Docking State	0	9,989	9,989	0	0	0
Lower Manhattan Boro Com FHWA	0	100	100	0	0	0
Managed Use Land Pre Analysis	0	302	302	0	0	0
Member Item Reallocation	(2)	0	(2)	0	0	0

<i>Dollars in Thousands</i>	Fiscal 2016			Fiscal 2017		
	City	Non-City	Total	City	Non-City	Total
Mobility Management II	0	455	455	0	0	0
Mt. Sinai Parking Lot	0	301	301	0	0	0
Multi-Modal Access	0	183	183	0	0	0
Municipal Diesel EM Reduction	0	191	191	0	0	0
Municipal Plug in Vehicles	0	116	116	0	0	0
New Freedom Area Wide INMD IMP	0	820	820	0	0	0
NYC Deliver-Ease Program	0	70	70	0	0	0
NYC Safe Route to School	0	210	210	0	0	0
NYC Safe Streets for Seniors	0	621	621	0	0	0
OGI - MOU w/DOT Support	0	241	241	0	0	0
Park Smart 2.0	0	506	506	0	0	0
Pedestrian Network Development	0	543	543	0	0	0
Pedestrian Separators & Fences	0	200	200	0	0	0
Retail Corridors	0	113	113	0	0	0
Safe Streets Gerritsen	0	80	80	0	0	0
Safe Streets Kings County	0	244	244	0	0	0
Sandy Funds - Bridge	0	484	484	0	0	0
Sandy Funds Allocation	0	151	151	0	0	0
School Safety Chips	0	1,781	1,781	0	0	0
Smart Choice	0	366	366	0	0	0
Street and Roadway Improvement	0	733	733	0	0	0
Sunset Park Upland Connector	0	250	250	0	0	0
Transit Signal Priority CMAQ	0	2,728	2,728	0	0	0
Transport Access for Vision IM	0	409	409	0	0	0
Wayfinding-New Freedom	0	600	600	0	0	0
\$56K - SPACE 30-30 THOMS	0	56	56	0	0	0
BUD MOD	0	6,865	6,865	0	2,400	2,400
CITS	0	488	488	0	0	0
College Pt. Permeable Pavement	0	96	96	0	840	840
Convert Harper St. Asphalt Plant*	(100)	0	(100)	(100)	0	(100)
Data Storage Platform Savings*	(624)	0	(624)	(624)	0	(624)
Collective Bargaining	267	0	267	323	0	323
Freight Route Signs Study	0	532	532	0	0	0
Funding Switch: Long Line Pavement Markings*	0	0	0	(1,000)	1,000	0
Funds for FY16 Sandy Alloc.	0	1,482	1,482	0	0	0
Greenways Highway Safety	0	55	55	0	0	0
HIQA Technology Advancements - Electronic Notice Of Violations*	(54)	0	(54)	(59)	0	(59)
IFA Adjustment	0	0	0	0	25,020	25,020
Maspeth Bypass & Intersection	0	38	38	0	0	0
Neighborhood Walkability	0	1,164	1,164	0	0	0
Off Hour Deliveries	0	261	261	0	0	0
PED NET- HWY Safty Improv	0	607	607	0	0	0
Red Paint for Select Bus Service Routes*	0	0	0	(2,500)	0	(2,500)

<i>Dollars in Thousands</i>	Fiscal 2016			Fiscal 2017		
	City	Non-City	Total	City	Non-City	Total
Resurfacing Reallocation	0	0	0	23,861	(23,861)	0
Smart Choice	0	250	250	0	0	0
STOA Funding Switch*	(2,540)	2,540	0	(2,540)	2,540	0
Stop DWI	0	80	80	0	0	0
Vehicles Rent to Own*	202	0	202	(1,107)	0	(1,107)
Wayfinding - JARC	0	2,628	2,628	0	0	0
Subtotal, Other Adjustments	\$1,568	\$63,248	\$64,816	\$20,970	\$9,283	\$30,253
TOTAL, All Changes Prelim. 2017	\$11,549	\$79,244	\$90,793	\$31,420	\$42,389	\$73,809
DOT Budget as of the Preliminary 2017 Budget	\$549,472	\$421,332	\$970,804	\$547,861	\$382,860	\$930,722
New Needs - Exec. 2017						
Additional Staff for Towing Services	\$0	\$0	\$0	\$130	\$0	\$130
Arterial Highway Sweepers Maintenance	0	0	0	157	0	157
Citywide Concrete Saw Blade Replacements	0	0	0	66	0	66
Expanded Facility for Automated Enforcement Unit	0	0	0	527	0	527
Funding for New Leases	0	0	0	6,500	0	6,500
Garage Maintenance Incremental Cost Increase	807	0	807	768	0	768
Gowanus High Occupancy Vehicle (HOV) Lane Operations	0	0	0	1,167	0	1,167
Information Technology	0	0	0	6,415	0	6,415
Maintenance for Red Light Cameras	175	0	175	700	0	700
Parking Meter Credit Card Reader Update	0	0	0	3,394	0	3,394
Positions for the Office of Construction Mitigation and Coordination	0	0	0	517	0	517
Senior Executive Director for BQX Project	28	0	28	165	0	165
Traffic Operations Engineering Salary Reconciliation	0	210	210	0	840	840
Subtotal, New Needs	\$1,010	\$210	\$1,220	\$20,506	\$840	\$21,346
Other Adjustments - Exec. 2017						
BKLYN Williamsburg Navy Yard	\$0	\$8	8	\$0	\$0	0
Bridge Flag Repair CHIPS Funding*	0	0	0	(1,912)	1,912	0
Budget Mod	0	1,944	1,944	0	0	0
Collective Bargaining	1,170	843	2,013	1,662	1,194	2,856
Construct Coordinate OMC	0	236	236	0	236	236
Dept of Trans	0	92	92	0	0	0
Efficiencies in Asphalt Hauling*	0	0	0	0	(559)	(559)
ExCEL Program	0	35	35	0	0	0
Grant Funding for Traffic Management Center*	(2,700)	2,700	0	(2,000)	2,000	0
Heat, Light and Power	(3,188)	0	(3,188)	421	0	421
Heating Fuel	(67)	0	(67)	(35)	0	(35)
Highway Inspection Increased Productivity*	0	0	0	(204)	0	(204)
IFA MOD		(2,744)	(2,744)	0	0	0
IFA PS Surplus Take Down	0	(6,000)	(6,000)	0	0	0
JCC BORO PARK	0	466	466	0	0	0
Lease Adjustment.	0	0	0	1,209	0	1,209
Motor Fuel	(6,629)	0	(6,629)	(6,079)	0	(6,079)
MOU w/DOT for Painters WT/WSO	0	370	370	0	0	0

<i>Dollars in Thousands</i>	Fiscal 2016			Fiscal 2017		
	City	Non-City	Total	City	Non-City	Total
Municipal Plugin ADV Vehicles	0	296	296	0	0	0
NYC Greenways	0	358	358	0	0	0
OGI - Support Task Order 15	0	197	197	0	0	0
OGI - MOA w/DOT Support	0	108	108	0	0	0
Public Education Campaign	0	150	150	0	0	0
Reduction of Vacant Positions*	(526)	0	(526)	(526)	0	(526)
Safe Streets for Seniors	0	490	490	0	0	0
Safety Projects Funding*	(400)	400	0	(1,300)	1,300	0
Savings from Conversion to LED Streetlights*	(282)	0	(282)	(2,319)	0	(2,319)
SBS FTA	0	2,922	2,922	0	0	0
Small Business First Staff Training	(6)	0	(6)	6	0	6
South St/East River Greenways	0	415	415	0	0	0
Streetlight Maintenance Contract Savings*	0	0	0	(1,120)	0	(1,120)
Taxi Data Visualization	0	150	150	0	0	0
Transition from Renting Vehicles and Equipment to City Ownership*	0	0	0	1,122	0	1,122
Subtotal, Other Adjustments	(\$12,628)	\$3,436	(\$9,192)	(\$11,075)	\$6,083	(\$4,992)
TOTAL, All Changes - Exec. 2017	(\$11,618)	\$3,646	(\$7,972)	\$9,431	\$6,923	\$16,354
DOT Budget as of the Fiscal 2017 Executive Plan	\$537,856	\$424,973	\$962,829	\$557,294	\$389,787	\$947,081

*These "Other Adjustments" are included in the Citywide Savings Program.