New York Metropolitan Transportation Council

State Fiscal Year 2015-2016
Unified Planning Work Program

April 1, 2015 - March 31, 2016

AS ADOPTED MARCH 12, 2015
RESOLUTION #2015-1
COUNCIL ADOPTION OF STATE FISCAL YEAR (SFY) 2015-2016
UNIFIED PLANNING WORK PROGRAM

WHEREAS, the New York Metropolitan Transportation Council (NYMTC) is a regional council of
governments which is the metropolitan planning organization for New York City, suburban Long Island
and the lower Hudson Valley; and

WHEREAS, pursuant to 23 U.S.C. 450.308, NYMTC is responsible for the development of an annual
Unified Planning Work Program (the Work Program) which identifies metropolitan transportation
planning activities performed with funds provided under title 23 U.S.C. and title 49 U.S.C. Chapter 53;
and

WHEREAS, the SFY 2015-2016 Work Program identifies planning activities proposed for federal and
other funding for the program year April 1, 2015 through March 31, 2016; and

WHEREAS, NYMTC’s staff has determined that sufficient funds will be available to undertake the
planning projects specified in the proposed SFY 2015-2016 Work Program during the upcoming
program year; and

WHEREAS, NYMTC’s Program, Finance and Administration Committee, at its January 22, 2015
meeting, recommended that the proposed SFY 2015-2016 Work Program be adopted by the Council.

NOW, THEREFORE, BE IT RESOLVED that the Council adopts the SFY 2015-2016 Unified
Planning Work Program and instructs the Secretary to transmit the adopted Work Program to the
relevant federal officials.

This resolution shall take effect on the twelfth day of March, two thousand and fifteen.

ADOPTED: March 12, 2015

"I hereby certify that the above is a true copy of Resolution #2015-1 Council Adoption of State Fiscal Year
2015-2016 Unified Planning Work Program, and was motioned by Commissioner John McDonald,
representing the New York State Department of Transportation, and seconded by County Executive Steven
Bellone, representing Suffolk County. This Resolution was adopted and passed unanimously by the New York
Metropolitan Transportation Council."

Ron Epstein, Secretary to the Council
The preparation of this report has been financed through the U.S. Department of Transportation’s Federal Transit Administration and Federal Highway Administration. This document is disseminated under the sponsorship of the New York Metropolitan Transportation Council in the interest of information exchange. The contents of this report reflect the views of the authors who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the Federal Transit Administration, Federal Highway Administration or the State of New York. This report does not constitute a standard, specification or regulation.

This report was funded through the New York Metropolitan Transportation Council project “2015-2016 Unified Planning Work Program Development”, which was funded through matching grants from the Federal Transit Administration, and from the Federal Highway Administration.
**SFY 2015-2016 UPWP**

**GLOSSARY OF ACRONYMS**

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<tr>
<th>Acronym</th>
<th>Description</th>
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<tr>
<td>ANPRM</td>
<td>Advanced Notice of Proposed Rule Making</td>
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<td>CMAQ</td>
<td>Congestion Mitigation Air Quality Program</td>
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<tr>
<td>CMP</td>
<td>Congestion Management Process</td>
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<tr>
<td>EIS</td>
<td>Environmental Impact Statement</td>
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<td>EJ</td>
<td>Environmental Justice</td>
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<td>FHWA</td>
<td>Federal Highway Administration</td>
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<td>FFY</td>
<td>Federal Fiscal Year</td>
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<td>FTA</td>
<td>Federal Transit Administration</td>
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<td>FTWG</td>
<td>Freight Transportation Working Group</td>
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<td>HUD</td>
<td>U. S. Department of Housing and Urban Development</td>
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<td>LIRR</td>
<td>Long Island Rail Road</td>
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<td>MAP-21</td>
<td>Moving Ahead for Progress in the 21st Century</td>
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<td>MHS</td>
<td>Mid Hudson South</td>
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<td>MIS</td>
<td>Major Investment Study</td>
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<td>MNR</td>
<td>Metro-North Railroad</td>
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<td>MPO</td>
<td>Metropolitan Planning Organization</td>
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<td>MTA</td>
<td>Metropolitan Transportation Authority</td>
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<tr>
<td>NPRM</td>
<td>Notice of Proposed Rule Making</td>
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<td>NS</td>
<td>Nassau/Suffolk</td>
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<td>NYBPM</td>
<td>New York Best Practices Model</td>
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<td>NYC</td>
<td>New York City</td>
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<td>NYCDCP</td>
<td>New York City Department of City Planning</td>
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<td>NYCDOT</td>
<td>New York City Department of Transportation</td>
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<td>NYMTC</td>
<td>New York Metropolitan Transportation Council</td>
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<td>NY-NJ-CT</td>
<td>New York - New Jersey - Connecticut</td>
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<td>NYSDOT</td>
<td>New York State Department of Transportation</td>
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<td>PANYNJ</td>
<td>Port Authority of New York and New Jersey</td>
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<td>PBPP</td>
<td>Performance-Based Planning &amp; Programming</td>
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<td>PFAC</td>
<td>Program, Finance and Administration Committee</td>
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<td>PIMS</td>
<td>Project Information Management System</td>
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<td>RFP</td>
<td>Regional Freight Plan Project</td>
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<td>RTP</td>
<td>Regional Transportation Plan</td>
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<td>SAWG</td>
<td>Safety Advisory Working Group</td>
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<td>SED</td>
<td>Socio-Economic and Demographic</td>
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<td>SFY</td>
<td>State Fiscal Year</td>
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<td>STIP</td>
<td>Statewide Transportation Improvement Program</td>
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<td>TAP</td>
<td>Transportation Alternatives Program</td>
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<td>TCC</td>
<td>Transportation Coordinating Committee</td>
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<td>TDM</td>
<td>Transportation Demand Management</td>
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<td>TIP</td>
<td>Transportation Improvement Program</td>
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<td>UPWP</td>
<td>Unified Planning Work Program</td>
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SFY 2015-2016 UNIFIED PLANNING WORK PROGRAM

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Chapter I

OVERVIEW OF THE WORK PROGRAM
Unified Planning Work Program

The current Federal legislation, entitled the *Moving Ahead for Progress in the 21st Century* (MAP-21) authorizes funding for transportation improvements across the nation. To be eligible to use this funding, metropolitan regions must undertake the metropolitan transportation planning process specified in federal planning regulations. Under these planning regulations, metropolitan regions, functioning through their Metropolitan Planning Organizations (MPOs), work in cooperation with their states and operators of publicly-owned transit services to annually develop and adopt Unified Planning Work Program (UPWPs or work programs) to carry out mandated planning activities.

New York Metropolitan Transportation Council

The New York Metropolitan Transportation Council (NYMTC) is the designated MPO for New York City, suburban Long Island and the lower Hudson Valley. NYMTC is a regional council of governments, comprised of the departments of Transportation and City Planning in New York City; Putnam, Rockland and Westchester counties in the lower Hudson Valley; the suburban Long Island counties of Nassau and Suffolk; the New York State Department of Transportation and the Metropolitan Transportation Authority. NYMTC also includes a number of advisory members, including the Port Authority of New York and New Jersey, New Jersey Transit and the North Jersey Transportation Planning Authority, and the Federal Transit Administration, Federal Highway Administration, US Environmental Protection Agency, and New York State Department of Environmental Conservation.

NYMTC’s approach to developing its annual work program is built on the organization’s mission and its shared vision of the region’s future as presented in its newly adopted Federal Fiscal Years (FFYs) 2014-2040 Regional Transportation Plan (*Plan 2040*), along with the planning emphasis areas specified in the federal regulations. NYMTC develops a new Regional Transportation Plan every four years as required, and then it compiles a multi-year planning prospectus based on that Plan to guide the development of its annual work programs. Each annual work program presents NYMTC’s planning priorities and activities, catalogues all known transportation-related planning activities in its planning area, and indicates how federal funding has been programmed to finance planning work.

In recognition of the complexity of its region, NYMTC is comprised of three committees organized by geographic area. These Transportation Coordinating Committees, or TCCs, provide subregional forums within the regional context which can be more responsive to localized situations and concerns. NYMTC maintains three TCCs: one for the lower Hudson Valley, one for New York City and one for suburban Long Island. NYMTC provides staff resources to operate each of these TCCs, and also maintains a Central Staff which supports planning and related activities at the regional level, as well as assisting the TCCs.

NYMTC’s mission and strategic framework

NYMTC’s mission is fourfold:

1. TO SERVE AS THE REGION’S COLLABORATIVE FORUM TO ADDRESS TRANSPORTATION-RELATED ISSUES FROM A REGIONAL PERSPECTIVE.

2. TO FACILITATE INFORMED DECISION-MAKING WITHIN THE COUNCIL BY PROVIDING SOUND TECHNICAL ANALYSES.
3. To ensure that the region is positioned to capture the maximum amount of available Federal funds to achieve the goals described in the plan.

4. To focus the collective planning activities of all Council members to achieve a shared regional vision.

NYMTC seeks to achieve its mission by:

1. Providing leadership in defining key issues.

2. Implementing a proactive public involvement process.

3. Using current, accurate data and state-of-the-art analytical tools.

4. Articulating a shared regional vision in the plan which is implemented collectively through the work program and through the Transportation Improvement Program (TIP).

NYMTC goals

NYMTC’s members have defined the following shared goals and desired outcomes in Plan 2040 to serve as overall strategic framework for the region’s transportation planning process:

**GOAL: ENHANCE THE REGIONAL ENVIRONMENT**

NYMTC members are committed to selecting transportation projects and programs and encouraging land use policies that, in the aggregate, enhance the natural environment and human health.

**Desired Outcomes**

NYMTC will continue to work in a collaborative fashion to achieve these outcomes:

- Reduced traffic congestion and improved air quality;
- Reduced greenhouse gas emissions;
- Improved water quality; and
- Preservation of open space, especially wetlands.

**GOAL: IMPROVE THE REGIONAL ECONOMY**

NYMTC’s members must continue to maintain and develop the regional transportation infrastructure to support the vitality, competitiveness, and sustainable growth of the entire regional economy that will create employment opportunities and support the local tax base.

**Desired Outcomes**

The goal of sustainable economic growth will produce, and be supported by, these outcomes:

- A strengthened position of the region as a global and national gateway;
- Strategic distribution of growth throughout the region; and
- Improved regional mobility for people and goods.
GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE

NYMTC’s members must work together to coordinate regional transportation with locally-controlled land use and zoning, to the extent practical, so that the negative externalities of individual public and private decisions in any of those arenas are recognized and mitigated in the planning process.

Desired Outcomes

By considering quality of life issues, NYMTC members hope to achieve the following outcomes:

- Increased intra-regional mobility and accessibility for commuting, recreation and tourism;
- Mitigation of negative impacts of transportation in the design, construction, and operation of the system;
- Increased ability to safely enjoy walking, bicycling and use of public space;
- Vibrant communities.

GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION

NYMTC’s members provide mobility and transportation options so that everyone can participate in society regardless of income level, residence, access to transit, age, or ability. NYMTC’s members also must provide for the efficient movement of freight to, from and through the region.

Desired Outcomes

NYMTC hopes to achieve the following outcomes by working towards this goal:

- A sufficient array of transportation choices;
- Expanded connections, particularly across modes and between communities;
- Increased reliability for passenger and freight trips; and
- Increased transit ridership.

GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS

NYMTC’s members will work to reduce the rate and severity of transportation-related crashes in the region and make the transportation system safe for all users. Members will also strive to increase the security of the transportation system.

Desired Outcomes

The following outcomes will be the goal of all NYMTC members:

- Reduced rate of annual injuries and fatalities on the region’s transportation systems;
- Promulgation of advanced safety and security measures throughout the region;
- Enhanced coordination, data, and information sharing among members and other stakeholders; and
• Promotion of safety and security improvements in all aspects of transportation planning and implementation.

GOAL: BUILD THE CASE FOR OBTAINING RESOURCES TO IMPLEMENT REGIONAL INVESTMENTS

NYMTC’s members and its region’s other elected officials must think regionally about transportation needs, solutions, strategies, and investment priorities. In developing a shared regional vision, NYMTC’s members hope to make the case that these investments are a shared priority and are of strategic importance to this region and to the entire nation.

Desired Outcomes

NYMTC will continue to work in a collaborative fashion to achieve these outcomes:

• Coordinated long-term planning;
• A list of prioritized projects supporting the region’s shared vision;
• An increase in the use of alternative methods of financing transportation investments to supplement existing Federal and State funding sources;
• Obtain a fair share of Federal funds available for transportation, proportional to its transportation needs and economic share relative to the nation; and
• Elimination of unfunded mandates.

GOAL: IMPROVE THE RESILIENCY OF THE REGIONAL TRANSPORTATION SYSTEM

NYMTC’s members will continue to plan for improving the resiliency of the transportation system so that the system can better resist disruptions to services and facilities and recover from them when they occur. Greater resiliency will mitigate the adverse impacts of disruptions on the movement of people and goods due to weather, climate, or other acts of nature.

Desired Outcomes

NYMTC hopes to achieve the following outcomes by working towards this goal:

• Member-defined adaptation measures for critical components of the transportation system to accommodate variable and unexpected conditions without catastrophic failure;
• Greater resiliency of the regional supply chain by identifying options for goods movement during and after events;
• Cooperative partnerships with federal, state, local agencies, and other stakeholders to adapt the transportation system and improve recovery from disruptions.
NYMTC’s Core Planning Priorities

The federal regulations which govern metropolitan transportation planning establish the mandated products and analyses which constitute the process. Under these regulations, NYMTC is required to produce a long-range Plan, a medium-range Transportation Improvement Program (TIP) and an annual work program. Additionally, NYMTC is mandated to produce a regional emissions analysis of its Plan and TIP for Transportation Conformity under the Clean Air Act Amendments of 1990 and an analysis of regional traffic congestion for the Congestion Management Process.

Taken together, the development of these required products and analyses form the core of NYMTC’s planning program, including the maintenance and application of various technical tools, forecasts and data bases needed to complete the required products and analyses.

**THEREFORE, THE COMPLETION OF THE INDIVIDUAL PLANNING PROJECTS WHICH DEVELOP AND MAINTAIN THESE REQUIRED PRODUCTS AND ANALYSES ARE THE HIGHEST PRIORITY OF NYMTC’S PLANNING PROCESS AND COMPRISEx ITS CORE PLANNING PROGRAM.**

NYMTC’s Strategic Performance Planning Priorities

NYMTC’s strategic performance (discretionary) planning priorities are derived from its Plan and from the federal planning emphasis areas. When taken together, the Plan and the emphasis areas expand both the parameters of the planning process and the various emphases for planning activities and projects within that process.

*Plan 2040* was adopted in September 2013 and it is an integral part of the transportation planning process in NYMTC’s ten-county planning area. It is a product of extensive coordination and collaboration among member agencies, NYMTC’s partners in the public and private sectors, the general public, and various stakeholders. *Plan 2040* lays out the region’s transportation needs and desires and includes major aspects of the transportation system from a regional perspective, including highways, streets, public transit, ridesharing and demand management, bicycles, pedestrian facilities, goods movement and special needs transportation.

*Plan 2040* proposes strategic transportation investments which are tied to a shared vision for sustainable growth in the NYMTC planning area. This vision forms the foundation of *Plan 2040* and of the regional planning process. The shared vision rests on the shared goals defined by NYMTC’s members.

*Plan 2040* defines key priorities of NYMTC’s planning program within this framework and it establishes the preeminence of maintaining and operating the vast and aging transportation infrastructure in NYMTC’s planning area while defining subregional planning needs in each of NYMTC’s ten constituent counties.

The federal planning regulations identify a number of emphasis areas which NYMTC must incorporate into its planning process. These emphasis areas are integrated into the strategic framework of *Plan 2040* and help to define NYMTC’s discretionary planning priorities:


4. INCREASE ACCESSIBILITY AND MOBILITY OF PEOPLE AND FOR FREIGHT (INCLUDED IN THE GOAL OF PROVIDING A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION).


8. EMPHASIZE THE PRESERVATION OF THE EXISTING TRANSPORTATION SYSTEM (INCLUDED IN GOALS OF BUILDING THE CASE FOR OBTAINING RESOURCES TO IMPLEMENT REGIONAL INVESTMENTS AND IMPROVING THE RESILIENCY OF THE REGIONAL TRANSPORTATION SYSTEM).

NYMTC’S DISCRETIONARY PLANNING PRIORITIES, DRAWN AS THEY ARE FROM BOTH PLAN 2040 AND THE FEDERAL EMPHASIS AREAS, ARE AS FOLLOWS:

☐ Planning activities related to Plan 2040’s shared vision:
  ✓ The development of the strategic regional transportation investments and related desired growth areas, and
  ✓ The on-going maintenance and operation of the transportation system in NYMTC’s planning area.

☐ Planning activities related to the shared goals, desired outcomes, land use designations and near term actions that are defined in Plan 2040’s shared vision.
Planning activities related to the subregional planning needs; specifically, subarea studies and planning projects identified in the plan or related to Plan 2040’s shared goals, desired outcomes, land use designations and near term actions and/or congested locations and corridors from the congestion management process.

NYMTC’s Work Program Development Process
The development of the State Fiscal Year (SFY) 2015-2016 work program has involved a process designed to coordinate and integrate regional transportation planning activities to the greatest extent possible. As indicated earlier, the process is grounded in the federal requirements and Plan 2040 to provide a multi-year context for the development of work programs.

Assembling the Work Program: Program Building - the SFY 2015-2016 work program was built by the staff and by the member agencies, using the federal emphasis areas and Plan 2040 as guidance. The objective of the program building was to translate NYMTC’s planning priorities into a cohesive annual program of planning projects and it resulted in a preliminary definition of specific projects for the SFY 2015-2016 program year. This preliminary definition included core projects, new discretionary projects, and previously-programmed discretionary projects to be carried forward from the previous program year.

Finalizing the Work Program: Peer Review – after program building, the preliminary SFY 2015-2016 work program was then subjected to a process of peer review, during which NYMTC’s members reviewed the preliminary project proposals in detail, considering both relevance to the planning priorities, the coordination aspects of discretionary project proposals and estimated project costs in the context of anticipated resources for the program year. The result of the peer review process was an agreement on a final draft SFY 2015-2016 work program, pending federal review and public comment.

Organization of the Work Program - the SFY 2015-2016 work program is organized to reflect NYMTC’s planning priorities. Chapter III presents the core projects which are NYMTC’s top priority, organized within major work categories (A through F). Chapter IV presents Strategic Performance Projects (category G) drawn from Plan 2040 and/or congested locations and corridors from the 2013 Congestion Management Process Status Report. Finally, Chapter V includes a catalogue of planning projects and activities of NYMTC’s members, funded through other than UPWP sources.
MAJOR MILESTONES FOR THE
SFY 2015-2016 UPWP

JUNE 2015

- SFY 2015-16 data collection plans due
- Development of SFY 2016-2017 UPWP begins
- Development of FFY 2017-2021 TIP and related conformity determination begins
- 2010 Base Year NYBPM completed

SEPTEMBER 2015

- Transportation conformity determination for non-exempt project amendments adopted (if needed)
- Non-exempt project amendments adopted (if needed)
- Project submissions due for SFY 2016-2017 UPWP

NOVEMBER 2015

- Draft SFY 2016-2017 UPWP released for public review

DECEMBER 2015

- Regional Financing Options Study completed
- Annual Listing of Obligated Projects released
- Regional Establishment Survey databases completed

JANUARY 2016

- PFAC recommendation of the draft SFY 2016-2017 UPWP for Council adoption
- TIG Phase II draft system development completed

FEBRUARY 2016

- Council adoption of the SFY 2016-2017 UPWP
- Annual Report available
MARCH 2016

- Plan 2040 presentations completed
- All data collection items submitted
- Draft project listings for the FFY 2017-2021 TIP available
- Project proposals for the Highway Safety Improvement Program statewide solicitation
- List of selected projects for each of the grant programs 5310, TAP and CMAQ (as needed)
- CMAQ Performance Plan adopted
- Coordinated Public Transit-Human Services Plan adopted
- NY-NJ-CT Post-Sandy Transportation Vulnerability Assessment & Adaptation Analysis Final Report
- September 11 Year 10 Memorial Program begins
### FIVE YEAR PROGRAM PROJECTION (page 1 of 4)

The following table presents a five program year projection of the core and discretionary projects and activities. This projection is provided as a framework to facilitate the development of the current and of future Unified Planning Work Programs. It was developed using the federally-mandated cycles for the major planning products and analyses and the changed and new requirements emerging from MAP-21 as well as through discussion with NYMTCP’s members and relevant staff.

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<td>CMP review by TCCs and CMP study development; draft CMP Status Report for Plan 2045.</td>
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<td>CMP review by TCCs and CMP study development.</td>
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<td>Performance-Based Planning &amp; Programming (PBPP)</td>
<td>Continue PBPP development: adopt operating procedures and statewide targets; develop MPO targets</td>
<td>Adopt MPO targets into Plan 2040; develop initial measurement reports.</td>
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<td>Develop next set of measurement reports.</td>
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<td>Annual UPWPs</td>
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<td>Maintain current UPWP and develop a program for the next State Fiscal Year.</td>
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<td>Program Reporting</td>
<td>Complete quarterly UPWP progress reports and annual/biennial Title VI reports.</td>
<td>Complete quarterly UPWP progress reports and annual/biennial Title VI reports.</td>
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## FIVE YEAR PROGRAM PROJECTION (page 3 of 4)

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<td><strong>Analytical Tools and Forecasting</strong></td>
<td><strong>SED Forecasts</strong></td>
<td>Adopt 2050 SED forecast.</td>
<td>N/A</td>
<td>Update and adopt 2050 SED forecast with new data.</td>
<td>Begin development of 2055 SED forecasts.</td>
<td>Continue development of 2055 SED forecasts.</td>
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<td><strong>NYBPM Base Years</strong></td>
<td>Continue development of NYBPM 2012 Base Year.</td>
<td>Release NYBPM 2012 Base Year with all updates and enhancements.</td>
<td>Begin development of NYBPM 2015 Base Year.</td>
<td>Continue development of NYBPM 2015 Base Year.</td>
<td>Continue development of 2015 Base Year NYBPM.</td>
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<td><strong>PBPP Measurements and Forecasts</strong></td>
<td>Develop PBPP measurement and forecasting methodology.</td>
<td>Develop initial PBPP measurements and forecasts.</td>
<td>Develop next set of PBPP measurements and forecasts.</td>
<td>Develop next set of PBPP measurements and forecasts.</td>
<td>Develop following set of PBPP measurements and forecasts.</td>
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<td></td>
<td><strong>Data Collection</strong></td>
<td>Annual data collection for the NYBPM and for PBPP.</td>
<td>Annual data collection for the NYBPM and PBPP; collect travel time and travel speed data.</td>
<td>Annual data collection for the NYBPM and for PBPP.</td>
<td>Annual data collection for the NYBPM and for PBPP.</td>
<td>Annual data collection for the NYBPM and for PBPP.</td>
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<td><strong>MPO Operations</strong></td>
<td>Continue development of TIG Phase 2.</td>
<td>Implement TIG Phase 2.</td>
<td>TIG maintenance.</td>
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<td><strong>Language Access</strong></td>
<td>Initiate language access support services.</td>
<td>Continue language access support services.</td>
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### FIVE YEAR PROGRAM PROJECTION

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<td><strong>MPO Operations</strong></td>
<td>All other</td>
<td>Initiate new website; public affairs and fulfillment; social media maintenance and expansion; implement IT strategic plan; support working groups and study committees.</td>
<td>Website maintenance; public affairs and fulfillment; social media maintenance and expansion; implement IT strategic plan; support working groups and study committees.</td>
<td>Website maintenance; public affairs and fulfillment; social media maintenance and expansion; implement IT strategic plan; support working groups and study committees.</td>
<td>Website maintenance; public affairs and fulfillment; social media maintenance and expansion; implement IT strategic plan; support working groups and study committees.</td>
<td>Website maintenance; public affairs and fulfillment; social media maintenance and expansion; implement IT strategic plan; support working groups and study committees.</td>
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<tr>
<td><strong>Strategic Performance Planning Projects</strong></td>
<td>CMP-related activities, near term activities and other specifically identified activities in the Plan, and PRPP-related studies; on-going sustainable communities activities, including community planning workshops; on-going September 11th Memorial Program</td>
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Chapter II

PLANNING PROJECT LOCATIONS
Brooklyn SFY 2015 - 16 UPWP Planning Activities

Legend
- Study Area
- Rail
  - Rail Stations
- UPWP Projects
- Other Studies
- Major Studies
- NY-CT Sustainable Communities Planning Program
- NYS Regional Economic Development Council Awards

- Sunset Park-Brooklyn Waterfront Greenway Connector
- Sunset Park Upland Connector
- Comprehensive Planning to Advance the RTP Ped - Bike Element - DUMBO
- Technology Corridor Transportation Assessment
- Transportation Investments to Support Affordable Housing - Empire Boulevard
- South Williamsburg Areawide Multimodal Traffic Congestion Study
- Citywide Congested Corridors Project II - Broadway
- Citywide Congested Corridors Project - Church Avenue
- Citywide Congested Corridors Project II - Flatbush Avenue
- Cross Harbor Freight Movement DEIS
- Citywide Congested Corridors Project - Nostrand Avenue
- Sustainable East New York Study
- Area Wide Intermodal Transportation Analysis Study
- Canarsie Areawide Transportation Study

New York Metropolitan Transportation Council

State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
Manhattan SFY 2015 - 16
UPWP Planning Activities

Legend
- Study Area
- Rail
- Rail Stations
- UPWP Projects
- Other Studies

Citywide Congested Corridors Project - West 96th Street
Traffic Safety Improvements - Ed Koch Queensboro Bridge
Traffic Safety Improvements - Williamsburg Bridge
Traffic Safety Improvements - Manhattan Bridge
MTA Metro - North Origin - Destination Survey
Comprehensive Planning to Advance the RTP Ped-Bike Element - Sherman Ave/Broadway
Neighborhood Transportation Study - Washington Heights
Citywide Congested Corridors Project - West 181st Street
Penn Station Access Environmental Assessment
Penn Station Access Environmental Assessment
Penn Station Access Environmental Assessment

New York Metropolitan Transportation Council
State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
Rockland County
SFY 2015 - 16 UPWP Planning Activities

Legend
- Study Area
- Rail
- Rail Stations
- Other Studies

MTA Metro - North Origin - Destination Survey
West of Hudson Regional Transit Access Study (WHRTAS)
Nanuet Hamlet & Transit Center Revitalization Plan

New York Metropolitan Transportation Council
State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
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<td>Queens Tech Zone Strategic Plan for the East River Waterfront</td>
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<td>Citywide Congested Corridors Project II - Liberty Avenue</td>
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## I. Core Planning Projects

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<td>A04 Regional Freight Plan, Phase II for Plan 2045</td>
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<td>A05 National Freight Policy and State Freight Plan</td>
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<td>A06 Performance-Based Planning &amp; Programming: Programmatic Development (NYMTC Staff only)</td>
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Chapter III

CORE COMPONENT CATEGORIES AND PROJECTS
Project A03: Congestion Management Process

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
An annual review of the 2013 CMP Status Report by the TCCs will be organized to identify planning activities related to the CMP. NYMTC’s CMP operating procedures will be reviewed and amended as needed.

PROJECT DESCRIPTION:
This project will (a) continue NYMTC’s CMP to assess congestion levels on the transportation system and use results as input into the development of related planning activities and project, and (b) evaluate options for potential transportation improvements to address identified congestion. This project will also review and amend NYMTC’s CMP operating procedures as necessary.

PROJECT TASKS FOR THE STAFF:
1. (20%) Organize the annual review of the 2013 CMP Status Report for each of the TCCs;
2. (40%) Work with members to develop and evaluate strategies and studies to address the identified congestion through these annual reviews;
3. (20%) Assist members in CMP strategies evaluation and project level congestion management studies as needed;
4. (20%) Update CMP report and operating procedures to incorporate relevant PBPP performance targets.

PROJECT TASKS FOR THE MEMBERS:
1. (10%) Participate in annual review of the 2013 CMP Status Report;
2. (25%) Review congestion mitigation strategies in CMP status report for implementation and amendment as necessary;
3. (20%) Apply CMP in developing and advancing projects as required in the CMP procedures;
4. (20%) Participate in the incorporation of PBPP performance measures into the CMP Status Report and operating procedures;
5. (25%) Collect, assemble and analyze data to validate CMP/model outputs and to identify congested locations/corridors.
**HOW TO READ THE PROJECT LISTINGS**

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Report and annual review of 2013 CMP Status Report. (Q3)

2. Revised CMP Status Report and operating procedures incorporating relevant PBPP performance targets. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

1. **Contract name:** Update CMP Status Report  
   **Contract PIN:** PTCS15B11;  
   **FHWA PL number:** to be assigned;  
   **Estimated start date:** 4/1/2015;  
   **Estimated cost:** $200,000;  
   **Corresponding:** tasks 1-4, deliverables 1-2.  

   Professional services will be utilized to review 2013 CMP Status Report and all current Federal Requirements for CMP, update all performance measures and integrate new performance measures, work with members to update all sections of the 2013 CMP Status Report, perform all GIS work required for update, assist with public outreach, produce draft and final reports.

2. **Contract name:** MHSTCC CMP Status Report Review Assistance  
   **Contract PIN:** PTMH14A12;  
   **FHWA PL number:** to be assigned;  
   **Estimated start date:** 4/1/2015;  
   **Estimated cost:** $3,570;  
   **Corresponding:** tasks 1-4, deliverables 1, 2.

   Professional services will be utilized to assist in updating CMP Status Report.

**PREVIOUSLY PROGRAMMED FUNDS:**

**PTCS14D00.A03** $70,000  
On-going, multi-year project. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**PTDT14D00.A03** $40,000  
On-going, multi-year project. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.
HOW TO READ THE PROJECT LISTINGS

SUMMARY OF PROJECT FUNDING:

*Project Funding* shows the amount of federal funds programmed for the activity and how that funding is distributed between NYMTC members and staff. Details about fund source and matching funds are also included.
CATEGORY A: Regional Planning Projects

This category includes planning projects and activities related to the maintenance and updating of the Plan and other, related long-range planning activities in NYMTC’s planning area. The Plan is a federally-mandated product of the metropolitan planning process which provides a long-range, minimum twenty-year blueprint for transportation planning and investments in NYMTC’s region. Projects which are intended for federal funding must have a basis in the Plan to be eligible for that funding. Included in this category are planning projects to assist in identifying long-range needs related to operating and maintaining and achieving a state-of-good-repair for regions extensive system of roadways, bridges, rail lines, bikeways, pedestrian, and ferry facilities. Other long-range planning activities support the long-range aspects of the metropolitan planning process.

Highlights for the SFY 2015-2016 Program Year:

- Development of the Public Involvement Program for the Plan 2045.
- Amendments and revisions to maintain and update Plan 2040.
- Completion of the Regional Financing Options Study
- Development of a PBPP System Performance Report
- Development and adoption of a new Coordinated Public Transit-Human Services Plan which will comply with new requirements under MAP-21.
- The annual review of the 2013 Congestion Management Process Status Report by the TCCs will be organized and CMP operating procedures will be reviewed and amended as needed.
- NYMTC members and staff will participate in the development of a National Freight Policy and National Freight Strategic Plan, the update of the statewide Strategic Highway Safety Plan and the development of agency Public Transportation Safety Plans will continue.
- Development of agency Public Transportation Safety Plans will continue.
- Develop proposals and implement performance management process, including enhanced data collection.

Accomplishments for this Category in Recent Program Years:

- Plan 2040 was adopted, along with the interim Regional Freight Plan and the Coordinated Public Transit-Human Services Plan in 2013.
- Initial preparations for the next Regional Transportation Plan cycle has begun in the previous program year.
- Congestion Management Process Status Report was adopted in 2013.
- Urban are boundaries were reaffirmed based on the 2010 Census.
## Category A: Regional Planning

### Cost Summary

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*New York Metropolitan Transportation Council*

*State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015*
A01: **Plan 2040 Maintenance**

**EXPECTED STATUS AS OF APRIL 1, 2015:**

*Plan 2040* adopted in September 2013 and amended as needed throughout the SFY 2013-2014 UPWP.

**PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:**

NYMTC will process approximately twenty-five amendments to *Plan 2040* during the program year to maintain and update various sections; *Plan 2040* will also be amended to include the results of the NY-NJ-CT Transportation Vulnerability Assessment and Adaptation Analysis Project.

**PROJECT DESCRIPTION:**

Amendments will be processed to maintain *Plan 2040* as an accurate and working planning document for NYMTC’s planning process and as a basis for establishing the fiscal constraint of the transportation planning process, as well as to comply with the PBPP rulemaking.

**PROJECT TASKS FOR THE STAFF:**

1. (40%) Prepare required documentation to facilitate *Plan 2040* amendments;
2. (30%) Revise various sections of the Plan as needed;
3. (20%) Initiate public comment periods for proposed *Plan 2040* amendment actions when necessary; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments;
4. (10%) Maintain project listings and visualization data bases as required.

**PROJECT TASKS FOR THE MEMBERS:**

1. (35%) Review drafts of proposed *Plan 2040* amendments;
2. (30%) Assist with the preparation of documentation to initiate *Plan 2040* amendments, including descriptions of the amendments, relevant citations from the Plan documentation, and relevant project information and/or financial information;
3. (20%) Participate in public comment periods for proposed *Plan 2040* amendments as required; assist with the advertisement of the comment period and meetings through website postings and distribution of notices. Assist with the review and responses to comments;
4. (10%) Review resolutions for *Plan 2040* amendment actions;
5. (5%) Assist in the maintenance of project listings and visualization data bases as required.
PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Completed Plan amendment resolution packages; (Q1-4)
2. A new Plan section to accommodate the results of the NY-NJ-CT Transportation Vulnerability Assessment and Adaptation Analysis Project. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC Staff

1. Contract Name: MHSTCC Tech. Support
   - Contract PIN: PTMH14B11;
   - FHWA PL number: to be assigned;
   - Start date: 4/1/2015;
   - End date: 6/30/2017;
   - Estimated Cost $20,250;
   - Corresponding: tasks 2, 5; deliverables: 1, 2.

Professional services will be utilized to support maintenance of Plan 2040 according to the listed tasks.

PREVIOUSLY PROGRAMMED FUNDS:

NYCDOT: $15,000
   Multi-year, on-going project.

NYMTC STAFF: $20,250
   Funds were programmed previously for professional services contract. The contracting process will start later than expected. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

SUMMARY OF PROJECT FUNDING:

See following page.
A02:  **Plan 2045 Development**

**EXPECTED STATUS AS OF APRIL 1, 2015:**

*Plan 2040* adopted in September 2013 and amended as needed throughout the SFY 2013-2014 UPWP. Per federal requirement, the next Plan must be in place by October 1, 2017. The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s Performance-Based Planning & Programming (PBPP) requirements.

**PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:**

Initial preparations for the next Regional Transportation Plan cycle began in the previous program year. NYMTC will now develop the Public Involvement Program for the next Plan and will complete drafts of the technology scan and financial plan. Drafting the financial plan will include completion of the Regional Financing Options Study initiated in the previous program year. In conjunction with the development of the FFYs 2017-2021 TIP, the project lists in the current Plan will be reviewed and updated, and data will be collected for inclusion in the Transportation Conformity Determination which will accompany the new TIP. Per the PBPP requirements, development of a System Performance Report will begin.

**PROJECT DESCRIPTION:**

This project will continue the development of *Plan 2045*, the next Regional Transportation Plan which must be adopted no later than October 1, 2017 and will cover FFYs 2018-2045.

**PROJECT TASKS FOR THE STAFF:**

1. (20%) Complete the Regional Financing Options Study recommended in the current Plan as a prelude to developing the financial plan for *Plan 2045*;
2. (15%) Review and update the project lists identified in the current Plan;
3. (10%) In the context of NYMTC’s Public Involvement Plan and public involvement operating procedures, develop the Public Involvement Program for *Plan 2045*;
4. (10%) Complete data collection for the draft of *Plan 2045*’s financial plan;
5. (10%) Develop a draft scan of anticipated technology changes that will either impact or improve transportation system performance for *Plan 2045*;
6. (20%) Begin the development of the *Plan 2045* Pedestrian-Bicycle Element;
7. (15%) Begin development of the Shared Land Use Designations for the *Plan 2045* Shared Vision through the review of relevant municipal comprehensive and sustainability plans, county master plans, and subregional economic development plans.

**PROJECT TASKS FOR THE MEMBERS:**

1. (10%) Participate on the Steering Committee of the Regional Financing Options Study;
2. (10%) Participate in RTP Committee meetings on a monthly basis or more regularly if/as needed;
3. (30%) Provide information/data for development of the financial plan;
4. (20%) Review and update project lists in the current Plan;
5. (10%) Provide information as needed and participate in the development of Plan 2045’s Public Involvement Program and drafting of the scan of anticipated technology changes;
6. (10%) Participate on the Pedestrian-Bicycle Subcommittee and Pedestrian-Bicycle Working Group to begin the development of the Pedestrian-Bicycle Element;
7. (10%) Assist in the assembly of relevant municipal comprehensive and sustainability plans, county master plans, and subregional economic development plans.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:
1. Final Report for the Regional Financing Options Study; (Q2)
2. White paper describing the Plan 2045 Public Involvement Program; (Q3)
3. Draft scan of anticipated technology changes. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC Staff

1. Contract Name: MHSTCC Tech. Support
   
   Contract PIN: PTMH14B11; FHWA PL number: to be assigned;
   Start date: 4/1/2015; End date: 6/30/2017
   Estimated Cost $81,000; Corresponding: tasks 1-7; deliverables: 1-3.

Professional services will be utilized to support development of Plan 2045 according to the listed tasks.

PREVIOUSLY PROGRAMMED FUNDS:

NYCDOT: $20,000
Multi-year, on-going project.

NYMTC STAFF: $81,000
Funds were programmed previously for professional services contract. The contracting process will start later than expected. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

SUMMARY OF PROJECT FUNDING:

See following page.
A03: Congestion Management Process

EXPECTED STATUS AS OF APRIL 1, 2015:

2013 Congestion Management Process (CMP) Status Report adopted in September 2013 and amended as needed in the SFY 2013-2014 UPWP. The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

An annual review of the 2013 CMP Status Report by the TCCs will be organized to identify planning and programming activities related to the CMP. NYMTC’s CMP operating procedures will be reviewed and amended as needed with regard to PBPP performance targets.

PROJECT DESCRIPTION:

This project will (a) continue NYMTC's CMP to assess congestion levels on the transportation system and use results as input into the development of related planning activities and projects, and (b) evaluate options for potential transportation improvements to address identified congestion.

PROJECT TASKS FOR THE STAFF:

1. (20%) Organize the annual review of the 2013 CMP Status Report for each of the TCCs;
2. (30%) Work with members to develop and evaluate strategies and studies to address the identified congestion through these annual reviews;
3. (20%) Assist members in CMP strategies evaluation and project level congestion management studies as needed;
4. (30%) Update CMP report and operating procedures to incorporate relevant PBPP performance targets.

PROJECT TASKS FOR THE MEMBERS:

1. (10%) Participate in the annual review of the 2013 CMP Status Report;
2. (25%) Review congestion mitigation strategies in CMP status report for implementation and amendment as necessary;
3. (20%) Apply CMP in developing and advancing projects as required in the CMP procedures;
4. (20%) Participate in the incorporation of PBPP performance measures into the CMP Status Report and operating procedures;
5. (25%) Collect, assemble and analyze data to validate CMP/model outputs and to identify congested locations/corridors.
PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Report on Annual Review of 2013 CMP Status Report; (Q3)
2. Revised CMP Status Report and operating procedures incorporating relevant PBPP performance targets. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. Contract Name: Update CMP Status Report
   
   Contract PIN: PTCS15A11;   FHWA PL number: to be assigned;
   Estimated start date: 12/1/2015;  Estimated end date: 2 years after contract execution;
   Estimated Cost $200,000;     Corresponding: tasks 1-4; deliverables: 1, 2.

   Professional services will be utilized to review 2013 CMP Status Report and all current Federal Requirements for CMP, update all performance measures and integrate new performance measures, work with members to update all section of the 2013 CMP Status Report, perform all GIS work required for update, assist with public outreach, produce draft and final reports.

PREVIOUSLY PROGRAMMED FUNDS:

NYCDOT: $40,000

On-going, multi-year project.

SUMMARY OF PROJECT FUNDING:

See following page.
Congestion Management Process (CMP) (A03)

SFY 2015-2016
Total Project Funds: $644,530

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* NYSDOT includes Regions 8, 10, 11 and Albany Main Office
** NYMTC Staff includes MHSTCC, NSTCC, NYCTCC and Central Staff
A04: Regional Freight Plan, Phase II for Plan 2045

EXPECTED STATUS AS OF APRIL 1, 2015:

An interim update of the Regional Freight Plan was adopted in September 2014 for Plan 2040 as Phase I. Phase II initiated in March 2015 to produce a full update for Plan 2045, to be adopted in June 2017.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

The development of the Phase II full update of the Regional Freight Plan will continue throughout the program year.

PROJECT DESCRIPTION:

This project will complete the development and adoption of the Phase II full update of the Regional Freight Plan for Plan 2045, including:

- Development of corridor commodity flow data;
- Rail, truck, air, intermodal and waterborne elements;
- Results of freight village focus group and intermodal focus group;
- Outreach plan;
- Definition and assessment of needs;
- Preliminary identification of improvements and solutions;
- Planning, physical and technical feasibility assessment of improvements and solutions;
- Potential cost and funding of improvements and solutions; and
- An implementation plan.

Oversight for this project will be provided by the PFAC Freight Subcommittee, advised by NYMTC’s Freight Transportation Working Group.

PROJECT TASKS FOR THE STAFF:

1. (10%) Review Phase II interim deliverables and products;
2. (10%) Convene four meetings of the Freight Transportation Working Group that will be focused on the development of the Phase II Plan;
3. (15%) Compile the databases from the members’ screening of improvements and develop draft documentation of the screened improvements;
4. (15%) Assess needs and develop solutions and improvements in the region and in members’ jurisdictions using the information developed in Task 2 “Description of Freight Transportation in the Region” of the scope of work and through a review of the solutions and improvements in the current Freight Plan. Develop a preliminary database of improvement
strategies for addressing the needs in each county and borough in NYMTC’s planning area, identifying broad-based strategies and specific projects that could potentially address the determined needs. Submit the database by the end of the first quarter of the program year;

5. (10%) Participate in a preliminary screening of the improvements and solutions identified in Task 4 "Definition and Assessment of Needs" of the scope of work in terms of planning, physical, technical and environmental feasibility during the second quarter of the program year;

6. (15%) Compile the projects, policies, and programs that implement the screened improvements and solutions; prepare a draft of this section during the third quarter of the program year;

7. (SFY 16-17) Compile information on the costs of implementing and operating of the proposed improvements and prepare a draft of the documentation of the costs of implementation and operation of the proposed improvements and the development of possible financing strategies during the fourth quarter of the program year;

8. (25%) Implement and conduct public involvement as stated in Freight Plan Phase I project;

9. (SFY 16-17) Develop the draft Phase II Freight Plan document by the end of the fourth quarter of the SFY 2016/2017 program year.

**PROJECT TASKS FOR THE MEMBERS:**

1. (10%) Review Phase II interim deliverables and products;

2. (10%) Participate in four meetings of the Freight Transportation Working Group that will be focused on the development of the Phase II Regional Freight Plan;

3. (15%) Assess needs and develop solutions and improvements in the region and in members’ jurisdictions using the information developed in Task 2 "Description of Freight Transportation in the Region" of the scope of work and through a review of the solutions and improvements in the current Freight Plan. Develop a preliminary database of improvement strategies for addressing the needs in each county and borough in NYMTC’s planning area, identifying broad-based strategies and specific projects that could potentially address the determined needs. Submit the database by the end of the first quarter of the program year. Review consultant product;

4. (20%) Participate in a preliminary screening of the improvements and solutions identified in Task 4 "Definition and Assessment of Needs" of the scope of work in terms of planning, physical, technical and environmental feasibility during the second quarter of the program year. Review consultant product;

5. (25%) Participate in developing a set of projects, policies, and programs that implement the screened improvements and solutions from Task 5 "Preliminary identification of improvements and solutions" of the scope of work during the third quarter of the program year. The program will be organized by mode and facility type, implementation timeframe, responsible institution, and presented in priority order based on a rating system. Review consultant product;

6. (SFY 16-17) Participate in developing the costs of implementing and operating of the proposed improvements identified in Task 6 "Planning, physical and technical feasibility
assessment of improvements and solutions" of the scope of work and in the development of possible financing strategies during the fourth quarter of the program year. Review deliverables and products;

7. (20%) Participate in public involvement as stated in public involvement plan developed in Freight Plan Phase I;

8. (SFY 16-17) Participate in development of the draft final Freight Plan document during the fourth quarter of the 2016/2017 program year.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Draft and final Definition and Assessment of Needs; (Q1)
2. Draft and final identification of improvements and solutions; (Q2)
3. Draft and final projects, policies and programs to implement screened improvements; (Q3)
4. Cost and financing strategies; (Q4)
5. Final Phase II Plan; (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract name: Regional Freight Plan Update- Full Procurement- Phase II**
   
   Contract PIN: PTCS11A12; FHWA PL number: to be assigned;  
   Estimated start date: 7/1/2015; Estimated end date: 3 years after contract execution;  
   Contract amount: $600,000; Corresponding: tasks 4-9, deliverables 1-7.

   Professional Services Contract will be utilized to complete the development of the Regional Freight Plan Phase I of which was adopted in October 2013.

2. **Contract name: Inventory of Truck Terminals, Warehouses, Distribution Centers**
   
   Contract PIN: PTCS14A12; FHWA PL number: to be assigned;  
   Estimated start date: 10/1/2015; Estimated end date: 1 year after contract execution;  
   Contract amount: $100,000; Corresponding: tasks 4-9, deliverables 1-7.

   Professional services will be hired to conduct a survey of an inventory of the existing trucking and storage facilities in NYMTC area.
3. **Contract name: Commodity Flows by Highway Freight Corridor**

   Contract PIN: PTCS14A13;  
   Estimated start date: 4/1/2015;  
   Estimated cost: $30,000;  
   FHWA PL number: to be assigned;  
   Estimated end date: 1 year after contract execution;  
   Corresponding: tasks 4-9, deliverables 1-7.

Professional services will be hired to conduct a survey what commodities are moving on the highway network.

**PREVIOUSLY PROGRAMMED FUNDS:**

| NYMTC STAFF | $730,000 |

Funds were programmed in 2011-12 for multi year professional services to develop Regional Freight Plan. The contracting process began later than expected. This process is now in progress. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Regional Freight Plan, Phase II for Plan 2045 (A04)

SFY 2015-2016
Total Project Funds: $1,069,681

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* NYS DOT includes Regions 8, 10, 11 and Albany Main Office
** NYMTC Staff includes MHTCC, NSTCC, NYCTCC and Central Staff

State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
EXPECTED STATUS AS OF APRIL 1, 2015:
The USDOT Secretary will have promulgated a rulemaking to establish a National Freight Policy the development of a State Freight Plan will be underway.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
The development of a National Freight Policy and National Freight Strategic Plan will begin during the program year, and the development of the State Freight Plan will continue throughout the program year.

PROJECT DESCRIPTION:
This project will provide input from the NYMTC planning area for the development of the National Freight Policy and National Freight Strategic Plan, and it will also provide input for the development of the State Freight Plan. The National Freight Policy program will establish goals and recommend the designation of a National Freight Network. This network will include a Primary Freight Network of key transportation corridors on the Interstate system, not to exceed 27,000 centerline miles, and a network of critical rural freight corridors to connect the Primary Freight Network to freight facilities. MAP-21 directs U.S. DOT to develop a freight strategic plan to assess the conditions and performance of the National Freight Network, identify highway bottlenecks, and estimate the cost of resolving those bottlenecks.

PROJECT TASKS FOR THE STAFF:
1. (40%) Organize and participate in up to six meetings of the Subcommittee and up to three meetings of the Freight Transportation Working Group to develop information to be used as input into the development of the National Freight Policy and National Freight Strategic Plan, including the Primary Freight Network, and the required update of the State Freight Plan;
2. (30%) Organize and prepare the information and commentary developed through the Subcommittee and Working Group for PFAC review and sign-off; transit final information and commentary to the appropriate federal agencies;
3. (30%) Participate with the NYS Association of MPOs and its Freight Working Group in monitoring and advising the development of the State Freight Plan.

PROJECT TASKS FOR THE MEMBERS:
1. (40%) Participate in up to six meetings of the Subcommittee and up to three meetings of the Freight Transportation Working Group to develop information to be used as input into the development of the National Freight Policy and National Freight Strategic Plan, including the Primary Freight Network, and the required update of the State Freight Plan;
2. (30%) Review and finalize the information and commentary developed through the Subcommittee and Working Group;

3. (30%) Review information and commentary developed through the NYS Association of MPOs and its Freight Working Group in monitoring and advising the development of the State Freight Plan.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Data summaries in support of the development of the planning products; (Q2)
2. Final white paper. (Q3)

RELATED PROFESSIONAL SERVICES CONTRACTS:

None.

PREVIOUSLY PROGRAMMED FUNDS:

None.

SUMMARY OF PROJECT FUNDING:

See following page.
National Freight Policy and State Freight Plan (A05)

SFY 2015-2016

Total Project Funds: $167,787
**A06: Performance-Based Planning & Programming; Programmatic Development (For NYMTC Staff only)**

**EXPECTED STATUS AS OF APRIL 1, 2015:**

The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements. Based on these measures, New York State will develop statewide performance targets by June 2016 and NYMTC will develop and adopt regional performance targets by December 2016. NYMTC will be developing operating procedures to implement the MAP-21 PBPP requirements.

**PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:**

The PFAC Operational Procedures Working Group will recommend PBPP operating procedures to PFAC and ultimately the Council for adoption in compliance with the final PBPP rules for implementing PBPP. NYMTC will work with NYSDOT in the development of statewide targets for the performance measures contained in the final rules. NYMTC will develop a data collection plan for the measures identified in the final rule.

**PROJECT DESCRIPTION:**

This project will develop the programmatic elements of a performance management process for NYMTC in compliance with federal surface transportation authorization legislation and related federal rulemaking.

**PROJECT TASKS FOR THE STAFF:**

1. (15%) Facilitate the PFAC Operational Procedures Working Group in the development of new operating procedures related to PBPP;
2. (20%) Continue to assist with drafting, finalizing and submitting comments for ANPRMs and NPRMs
3. (15%) In the context of NYMTC’s Public Involvement Plan and public involvement operating procedures, develop a PBPP – specific Public Involvement Program for the NYMTC’s planning area;
4. (25%) Assist and support the development of statewide performance targets for the measures identified in the final federal rule;
5. (5%) Develop PFAC and Council resolutions for the adoption of the required operating procedures;
6. (10%) Assist and support the initial development of highway and transit asset management plans per the relevant final federal rule(s);

7. (10%) Assist and support the revision of NYMTC’s metropolitan planning agreement per the relevant final federal rule(s);

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Final ANPRM/NPRM comments (Q1-Q3)
2. Technical memo detailing the Public Involvement Program; (Q3)
3. Adopted PBPP Operating Procedures. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract Name: Development Support**  
   Contract PIN: PTCS15A12; FHWA PL number: to be assigned;  
   Estimated start date: 12/1/2015; Estimated end date: 2 years after contract execution;  
   Estimated Cost $320,000; Corresponding: tasks 2, 3; deliverables: 1, 2.

   Professional services will be utilized to support the development of operating procedures, revisions to the metropolitan planning agreement, and performance targets.

2. **Contract Name: MHSTCC Tech. Support**  
   Contract PIN: PTMH14B11; FHWA PL number: to be assigned;  
   Start date: 4/1/2015; End date: 6/30/2017  
   Estimated Cost $20,250; Corresponding: tasks 1-6; deliverables: 1-3.

   Professional services will be utilized to support development of Performance-Based Planning & Programming

**PREVIOUSLY PROGRAMMED FUNDS:**

**NYMTC STAFF:** $90,250

Funds were programmed in 2014-15 for multi year professional services to support performance-based planning & programming. The contracting process began later than expected. This process is now in progress.

Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See page 58.
A06: Performance-Based Planning & Programming
(For NYMTC Members only)

EXPECTED STATUS AS OF APRIL 1, 2015:

The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements. Based on these measures, New York State will develop statewide performance targets by June 2016 and NYMTC will develop and adopt regional performance targets by December 2016. NYMTC will be developing operating procedures to implement the MAP-21 PBPP requirements.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

The PFAC Operational Procedures Working Group will recommend PBPP operating procedures to PFAC and ultimately the Council for adoption in compliance with the final PBPP rules for implementing PBPP. NYMTC will work with NYSDOT in the development of statewide targets for the performance measures contained in the final rules. NYMTC will develop a data collection plan for the measures identified in the final rule.

PROJECT DESCRIPTION:

This project will develop the programmatic elements of a performance management process for NYMTC in compliance with federal surface transportation authorization legislation and related federal rulemaking.

PROJECT TASKS FOR THE MEMBERS:

1. (15%) Participate in monthly meetings of the PFAC Operational Procedures Working Group as required;
2. (40%) Review all draft products related to PBPP, including operating procedures and the Public Involvement Program;
3. (20%) Assist and support the development of statewide performance targets for the measures identified in the final federal rule;
4. (15%) Begin the development of highway and transit asset management plans per the relevant final federal rule(s);
5. (10%) Assist and support the revision of NYMTC’s metropolitan planning agreement per the relevant final federal rule(s).
**PROJECT DELIVERABLES FOR THE MEMBERS:**

1. Technical memo detailing the Public Involvement Program; (Q3)
2. Technical memo detailing the approach to data compilation and calculation of performance measures; (Q4)
3. Adopted PBPP Operating Procedures. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

None.

**PREVIOUSLY PROGRAMMED FUNDS:**

None.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Performance-Based Planning & Programming (A06)

SFY 2015-2016
Total Project Funds: $852,010

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*NYS DOT includes Regions 8, 10, 11 and Albany Main Office

**NYMT Council Staff includes MHSTCC, NISTC, NYCTCC and Central Staff
A07: Safety Planning

EXPECTED STATUS AS OF APRIL 1, 2015:
The USDOT Secretary, in consultation with the States, MPOs and others, will promulgate a rulemaking in June 2015 to establish Performance-Based Planning & Programming (PBPP) and set performance measures. New York State will then develop statewide targets for those performance measures by June 2016 and NYMTC will develop and adopt regional targets by December 2016. NYMTC will be developing operating procedures to implement the MAP-21 PBPP requirements. Additionally, work will be underway for the development of Plan 2045, which will be adopted in June 2017.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
The rule-making for Highway Safety Improvement Program Part 924 will define a statewide Strategic Highway Safety Plan update cycle and establish a requirement for an Inventory of Model Roadway Elements. The new Part 490 will establish safety performance measures for all roads. Another rule-making will require transit safety targets and integrate them into the planning process with the requirement of Public Transportation Safety Plans. The Safety Element of the Regional Transportation Plan will need to include the above as the development of Plan 2045 moves forward. Up to six meetings of the Safety Advisory Working Group will be held during the program year to discuss the progress of these safety items, coordinate regional safety programs, and share best practices.

PROJECT DESCRIPTION:
This project will provide input for several required planning products through a collaborative process across several agencies and disciplines. The primary focus will be to establish MPO safety targets in support of statewide performance measures for the number and rate of fatalities and serious injuries. Provide input to the update of the statewide Strategic Highway Safety Plan (SHSP) that will emphasize three focus areas: Pedestrians, Intersections, and Roadway Departures. Analyze crash data and provide data, as necessary, to complete a required statewide database of fundamental roadway elements for all public roads. This project will also provide input to the development of agency Public Transportation Safety Plans and transit safety targets. Lastly, the Safety Element will need to be revised to reflect new requirements as the Plan update gets underway. Collectively, these items are to develop and enhance tools, techniques and analytical capabilities to support the new requirements and to provide information to stakeholders and decision-makers.

PROJECT TASKS FOR THE STAFF AND THE MEMBERS:
1. (20%) Organize and participate in up to nine meetings of the Safety Advisory Working Group to develop safety targets and information to be used as input into the development
update of the statewide Strategic Highway Safety Plan, agency Public Transportation Safety Plans and the Safety Element of the RTP. Support the Working Group by providing relevant research and data as needed;

2. (15%) Assist and support the development of relevant statewide performance targets based on the performance measures set in the relevant final federal rule(s);

3. (15%) Begin the update of statewide Strategic Highway Safety Plan and the development of agency Public Transportation Safety Plans;

4. (10%) Assist and support public outreach as needed for the development processes of these planning product;

5. (10%) Amend the Safety Element of Plan 2040 and begin the development of the Safety Element for Plan 2045;

6. (10%) Participate in the analysis of crash/accident data from the centralized safety database to improve agency decision-making and enhance public understanding about the transportation system;

7. (10%) Collect data established in FHWA’s Model Inventory of Roadway Elements (MIRE) that are used to support a statewide data-driven safety program;

8. (10%) Participate in the development and/or execution of safety training for local municipal officials in the NYMTC planning area.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Amended Plan 2040 Safety Element (Q3)
2. Work progress reported in quarterly progress reports (Q1-4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYCDOT

1. Contract Name: Data Collection
   Estimated start date: 4/1/2015; Estimated end date: 1 year after contract execution; Estimated Cost $20,000; Corresponding: tasks 6, 7; deliverables: 1.

PREVIOUSLY PROGRAMMED FUNDS:

None.

SUMMARY OF PROJECT FUNDING:

See following page.
Safety Planning (A07)
SFY 2015-2016
Total Project Funds: $401,460
A08: Coordinated Public Transit-Human Services Transportation Plan – MAP-21 Update

EXPECTED STATUS AS OF APRIL 1, 2015:

Development of the new Coordinated Plan is underway and will be completed by the end of the program year.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

A new Coordinated Plan will be adopted during the program year.

PROJECT DESCRIPTION:

MAP-21 requires that projects selected for funding under Section 5310 (seniors and individuals with disabilities) must be included in a locally-developed Coordinated Public Transit-Human Services Transportation Plan (Coordinated Plan). According to the regulations, this plan is to be developed and approved through a process that includes participation by seniors, individuals with disabilities, representatives of public, private, and nonprofit transportation human services providers, and other members of the public. This project will develop a new Coordinated Plan for NYMTC under MAP-21.

PROJECT TASKS FOR THE NYMTC STAFF:

1. (20%) Facilitate the Steering Committee to guide the development of the Coordinated Plan and the Coordinated Planning Group to advise its development;
2. (60%) Assist and support the development and review of draft Plan components;
3. (20%) Assist and support public outreach related to the development of the Coordinated Plan;

PROJECT TASKS FOR THE MEMBERS:

1. (15%) Participate in up to twelve meetings of the Steering Committee and/or Coordinated Planning Group as required;
2. (20%) Review all draft Plan components and provide commentary;
3. (50%) Provide data and other information needed for the development of the Coordinated Plan;
4. (15%) Assist and support public outreach related to the development of the Coordinated Plan.
PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Adopted Coordinated Public Transit-Human Services Transportation Plan. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. Contract Name: Coordinated Plan Update
   Contract PIN: PTCS13B12; FHWA PL number: 100T-192;
   Start date: 10/8/2014; End date: 12/31/2016;
   Estimated Cost $252,048; Corresponding: tasks 1-3; deliverables: 1.

PREVIOUSLY PROGRAMMED FUNDS:

NYMTC STAFF: $252,048

Funds were programmed in 2014-15 for multi year professional services to develop Coordinated Plan. The contracting process is now in progress.
Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

NYCDOT: $60,000

Previously programmed unspent funds from the projects, which were completed for the less cost than anticipated.

SUMMARY OF PROJECT FUNDING:

See following page.
A09: Performance-Based Planning & Programming; Analytical Development (For NYMTC Staff only)

EXPECTED STATUS AS OF APRIL 1, 2015:

The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements. Based on these measures, New York State will develop statewide performance targets by June 2016 and NYMTC will develop and adopt regional performance targets by December 2016. NYMTC will be developing operating procedures to implement the MAP-21 PBPP requirements.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

The PFAC Operational Procedures Working Group will recommend PBPP operating procedures to PFAC and ultimately the Council for adoption in compliance with the final PBPP rules for implementing PBPP. NYMTC will work with NYSDOT in the development of statewide targets for the performance measures contained in the final rules. NYMTC will develop a data collection plan for the measures identified in the final rule.

PROJECT DESCRIPTION:

This project will develop the programmatic elements of a performance management process for NYMTC in compliance with federal surface transportation authorization legislation and related federal rulemaking.

PROJECT TASKS FOR THE STAFF:

1. (15%) Develop an approach to data compilation in concert with the Transportation Information Gateway (TIG) project and the calculation of regional performance measures to be included in the PBPP operating procedures;
2. (10%) Review data bases and analytical tools available for use in calculating baseline measurements and forecasting measures contained in the final rules;
3. (15%) Research approaches and practices of other major MPOs throughout the country;
4. (20%) Develop a data collection, analysis and forecasting timeline for the June 2016 adoption of the FFYs 2017-21 TIP, the June 2017 adoption of the FFYs 2018-2045 Plan, and the December 2017 publication of NYMTC’s first performance measurement report;
5. (15%) Begin initial data assembly/collection steps per the timeline and data compilation approach;
6. (15%) Develop an approach to the analytical elements of PBPP and address and needs identified by the review;
7. (10%) Assist and support the initial development of highway and transit asset management plans per the relevant final federal rule(s).

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Technical memo detailing the approach to data compilation and calculation of performance measures; (Q2)
2. Technical memo detailing a data collection, analysis and forecasting timeline; (Q3)
3. Technical memo detailing an approach to the analytical elements of PBPP and address and needs identified by the review. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

None

**PREVIOUSLY PROGRAMMED FUNDS:**

None.

**SUMMARY OF PROJECT FUNDING:**

See following page.
CATEGORY B: Programming and Analysis Projects

This category includes planning projects related to the development and management of the TIP. The TIP is a federally-mandated product of the metropolitan planning process which provides a five year program of transportation improvements in NYMTC’s region. Improvement projects which are intended for federal funding must appear on an adopted TIP to be eligible for that funding. Improvement projects to be funded through non-federal sources are often shown for information purposes. This category also includes planning projects that will carry out solicitations for specific federal grant programs, including the enhanced Section 5310 program, Congestion Mitigation/Air Quality program, and Transportation Alternatives Program. Planning projects to carry out regional emissions analyses and Transportation Conformity Determinations for the TIP and Plan are also included in this category.

Highlights for the SFY 2015-2016 Program Year:

- TIP amendments and administrative modifications will be processed as needed to maintain the TIP as an accurate program of projects for federal funding;
- Project listing databases will be revised to accommodate both TIP and Plan projects in a uniform format;
- Development of the FFYs 2017-2021 TIP will begin in anticipation of adoption in June 2016;
- Begin preparations for the next solicitation for the Transportation Alternatives Program (TAP), anticipated during the spring and summer of 2016;
- Complete a solicitation and selection of project proposals under the enhanced Section 5310 Program;
- Complete a solicitation and selection of CMAQ project proposals for FFY 2017;
- Two regional emissions analyses will be executed, and related Transportation Conformity Determinations adopted;
- An Annual Listing of Obligated Projects will be published;
- Continue development of a CMAQ Performance Plan as part of the PBPP requirements.

Accomplishments for this Category in Recent Program Years:

- Adoption of fiscally-constrained TIP for Federal Fiscal Years 2014-2018;
- TIP amendments and administrative modifications have been processed as needed;
- Public solicitations and subsequent project selection for various federal funding programs were completed;
- Regional emissions analyses and Transportation Conformity Determinations have been completed and adopted for Plan 2040 and 2014-2018 TIP to demonstrate conformity with emissions milestones set under the Clean Air Act Amendments of 1990.
## Category B: Programming and Analysis

### Cost Summary

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B01: Transportation Improvement Program (TIP) Management

EXPECTED STATUS AS OF APRIL 1, 2015:
The Federal Fiscal Years (FFYs) 2014-2018 TIP was adopted in September 2013 and amended as needed during the SFY 2013-2014 UPWP.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
NYMTC will process approximately 125 amendments and administrative modifications to the FFYs 2014-2018 TIP during the program year; 60 of these actions will be through the New York City TCC and another 30 each through the Mid-Hudson South and Nassau/Suffolk TCCs.

PROJECT DESCRIPTION:
This project will process TIP amendments and administrative modifications to maintain the TIP as an accurate and fiscally-constrained program of projects for Federal funding.

PROJECT TASKS FOR THE STAFF:
1. (30%) Develop and implement TIP action packages for proposed TIP changes throughout the program year, including coordination, TIP strips and transmittal letters, and documentation of fiscal constraint as per the TIP financial plan.
2. (20%) Develop and participate in public comment periods for proposed actions as required by the TIP revision procedures, Public Participation Procedures and PFAC operating procedures throughout the program year; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments.
3. (15%) Conduct the TIP action process throughout the program year and propose and process the full package for submittal to NYSDOT for inclusion in the STIP. Conduct PFAC or Council amendments as needed.
4. (5%) Prepare quarterly summary reports on TIP amendments and modifications for PFAC.
5. (10%) Prepare and distribute notice of availability of an annual listing of obligated projects during the third quarter of the program year.
6. (10%) Prepare documentation and analyses as needed throughout the program year to move projects in the approved TIP to obligation. For CMAQ projects, submit all analyses required for determinations of completeness by the New York State DOT Environmental Science Bureau.
7. (10%) Maintain project listings and visualization data bases as required.

PROJECT TASKS FOR THE MEMBERS:
1. (25%) Prepare required documentation to initiate TIP amendments and administrative modifications throughout the program year.
2. (25%) Organize and participate in public comment periods throughout the program year for proposed amendments as required by the TIP and Public Participation revision operating procedures; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments.

3. (25%) Review and process ballots in each Transportation Coordinating Committee related to individual TIP amendments, Program, Finance and Administration Committee (PFAC) resolutions and Council actions where needed throughout the program year.

4. (25%) Prepare documentation and analyses as needed to move projects in the approved TIP to obligation throughout the program year. For Congestion Mitigation/Air Quality (CMAQ) projects, submit all analyses required for determinations of completeness by the New York State DOT Environmental Science Bureau.

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Processed TIP amendment packages. (Q1-4)
2. Annual listing of obligated projects. (Q3)
3. Quarterly summary reports on TIP actions for PFAC meetings. (Q1-4)

**PROJECT DELIVERABLES FOR THE MEMBERS:**

1. Federal Aid Project Proposals for TIP actions. (Q1-4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract Name:** MHSTCC Tech. Support  
   **Contract PIN:** PTMH14B11;  
   **FHWA PL number:** 100T-187;  
   **Estimated start date:** 4/1/2015;  
   **Estimated end date:** 1 year after contract execution;  
   **Estimated Cost $40,500;**  
   **Corresponding:** tasks 1-7; deliverables: 1-3.

Professional services will be utilized to support TIP management.

**PREVIOUSLY PROGRAMMED FUNDS:**

**NYMTC STAFF: $40,500**

Funds were programmed previously for professional services contract. The contracting process will start later than expected. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Transportation Improvement Program (TIP) Management (B01)

SFY 2015-2016
Total Project Funds: $1,085,520

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* NYSDOT includes Regions 8, 10, 11 and Albany Main Office
** NYMTTC Staff includes MHSTC, NTC, NYCTC and Central Staff
### EXPECTED STATUS AS OF APRIL 1, 2015:

FFYs 2014-18 TIP was adopted in September 2013 and amended as needed during the SFY 2013-2014 UPWP.

### PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

NYMTC will develop a draft FFYs 2017-2021 TIP to be posted for public review in April 2016 in anticipation of a PFAC recommendation and a Council adoption in June 2016.

### PROJECT DESCRIPTION:

This project will undertake the development of the FFYs 2017-2021 TIP. Completion of the Draft TIP will be followed by public review, and PFAC recommendation and Council adoption of the Final TIP no later than June 2016.

### PROJECT TASKS FOR THE STAFF:

1. (10%) Revise the project listing databases to accommodate both TIP and Plan projects in a uniform format;

2. (30%) Assemble, verify and finalize TIP project listings for the draft FFYs 2017-2021 TIP, including E-STIP entry, review, approval, transmittal letters, and fiscal constraint tables;

3. (30%) Develop Google Earth maps from the draft project listings to spatially display relevant project information;

4. (20%) Prepare the required documentation for the draft FFYs 2017-2021 TIP;

5. (10%) Support the development of a public review period for the draft FFYs 2017-2021 TIP, to be held at the beginning of the SFY 2016-2017 program year (i.e., April 2016).

### PROJECT TASKS FOR THE MEMBERS:

1. (30%) Review internal capital planning documentation, and amended project lists in the 2014-2018 TIP and in Plan 2040 in order to develop draft project lists for the FFYs 2017-2021 TIP;

2. (30%) Collect and assemble the required information for each project entry in the draft project lists, including project description, phasing, cost by phase (in year-of-expenditure dollars) and spatial coordinates for mapping.,

3. (10%) Review required documentation for the draft FFYs 2017-2021 TIP;

4. (30%) Participate in the development of a public review period for the draft FFYs 2017-2021 TIP, to be held at the beginning of the SFY 2016-2017 program year (i.e., April 2016);
**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Draft project listings for the FFY 2017-2021 TIP. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract Name:** MHSTCC Tech. Support  
   Contract PIN: PTMH14B11;  
   FHWA PL number: 100T-187;  
   Start date: 5/1/2014;  
   End date: 6/30/2017;  
   Estimated Cost $60,750;  
   Corresponding: tasks 1-5; deliverables: 1.

Professional services will be utilized to support FFY 2017-21 TIP development.

**PREVIOUSLY PROGRAMMED FUNDS:**

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<td>Funds were programmed previously for professional services contract. The contracting process will start later than expected. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.</td>
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**SUMMARY OF PROJECT FUNDING:**

See following page.
B03: Grant Program Solicitations

EXPECTED STATUS AS OF APRIL 1, 2015:

All new federal rulemaking will be in place with regard to program changes and consolidations under MAP-21. Additional rulemaking may be in progress under MAP-21’s successor legislation. Solicitations will have been completed in the SFY 2013-2014 UPWP.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

In anticipation of the authorization of new CMAQ program funding, NYMTC will prepare and carry out the solicitation and selection of CMAQ project proposals. NYMTC will also complete a solicitation and selection of project proposals under the Transportation Alternatives Program (TAP) and will carry out the solicitation and selection of project proposals under the enhanced Section 5310 Program.

PROJECT DESCRIPTION:

This project will undertake the solicitation and selection of project proposals under the CMAQ, TAP and enhanced Section 5310 funding programs during the program year, as required.

PROJECT TASKS FOR THE STAFF:

1. (20%) Organize and execute up to three meetings of the Coordinated Planning Group to prepare for the solicitation of project proposals for the enhanced Section 5310 Program, and up to six evaluation committee meetings to recommend projects for selection;

2. (30%) Participate in up to three Transportation Coordinating Committee meetings to prepare for the solicitation of project proposals for TAP and for the CMAQ program, and up to six evaluation committee meetings for each of these two programs to recommend projects for selection;

3. (20%) Develop and review materials and procedures related to the grant programs, including project applications, procedures and criteria, throughout the program year for each program separately;

4. (15%) Organize and execute at least three public workshops for each of the grant programs, and a public information session on the new operating procedures. Workshops will be held at minimum in each TCC planning area for each grant program. Advertise through website postings and distribution of notices. Prepare information and materials for the workshops and the information session;

5. (15%) Facilitate the preparation of information on selected projects for inclusion on the TIP throughout the program year. Prepare federal and state documentation and analyses as needed to move projects in the approved TIP to obligation.
PROJECT TASKS FOR THE MEMBERS:

1. (35%) Participate in up to three meetings of the Coordinated Planning Group to prepare for the solicitation of project proposals for the enhanced Section 5310 Program, and up to six evaluation committee meetings to recommend projects for selection;

2. (40%) Participate in up to three Transportation Coordinating Committee meetings to prepare for the solicitation of project proposals for TAP and for the CMAQ program, and up to six evaluation committee meetings for each of these two programs to recommend projects for selection;

3. (15%) Participate in at least three public workshops for each of the grant program solicitations to be held across the NYMTC planning area;

4. (10%) Prepare information on selected projects for inclusion on the TIP. Prepare documentation and analyses as needed to move projects in the approved TIP to obligation.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Rated and ranked list of project proposals for each of the grant programs; (Q3)

2. List of selected projects for each of the grant programs. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. **Contract name: Solicitation Support**
   - Contract number: PTCS13B11;  
   - FHWA PL number: to be assigned;  
   - Estimated start date: 12/1/2015;  
   - Estimated end date: 2 years after contact execution;  
   - Estimated cost: $200,000;  
   - Corresponding: tasks 1-5, deliverables 1-2

   This professional services contract will undertake the solicitation and selection of project proposals under the CMAQ, TAP and enhanced Section 5310 funding programs during the program year, as required.

2. **Contract name: MHSTCC Tech. Support**
   - Contract number: PTMH14B11;  
   - FHWA PL number: 100T-187;  
   - Start date: 5/1/2014;  
   - End date: 6/30/2017;  
   - Estimated cost: $40,500;  
   - Corresponding: tasks, deliverables.

   This professional services contract will assist the competitive processes, as required, for the solicitation and selection of projects under new or expanded program and execute grant program solicitations for all programs during the program year, as required.

PREVIOUSLY PROGRAMMED FUNDS:

NYMTC STAFF: $240,500

Funds were programmed in 2014-15 for multi year professional services. The contracting
process began later than expected. This process is now in progress. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**NYCDOT: $30,000**

On-going core activity.

**SUMMARY OF PROJECT FUNDING:**

See following page.
B04: Regional Emissions Analyses and Transportation Conformity Determinations - Programmatic Element

EXPECTED STATUS AS OF APRIL 1, 2015:

Plan 2040 and FFY 2014-18 TIP were adopted in September 2013 and amended during the SFY 2013-2014 UPWP. A regional emissions analysis for a batch of non-exempt TIP amendments will be underway.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

NYMTC will adopt batched non-exempt TIP and Plan amendments by November 2015 and develop a draft FFYs 2017-2021 TIP to be posted for public review in April 2016 in anticipation of a PFAC recommendation and a Council adoption in June 2016. Regional emissions analyses and conformity determinations will be developed and completed for each of these activities.

PROJECT DESCRIPTION:

This project will undertake the programmatic elements of regional emissions analyses and Transportation Conformity Determinations prepared for projects or revisions to projects which are non-exempt under the Clean Air Act Amendments of 1990.

PROJECT TASKS FOR THE STAFF:

1. (10%) Prepare public information for Transportation Conformity Determinations;
2. (20%) Review all project information entered into the Project Information Management System (PIMS) and prepare the information for coding and modeling;
3. (30%) Prepare and present information on all exempt, non-exempt and regionally-significant projects for review by the Interagency Consultation Group and potential inclusion in the regional emissions analyses;
4. (10%) Prepare draft and final Transportation Conformity Determinations;
5. (20%) Organize and execute public review periods for the draft Transportation Conformity Determinations. Comment periods will include public review meetings during each period and advertisement of the comment period and meetings. Prepare and review responses to comments during the program year;
6. (5%) Organize information for adoption of the Transportation Conformity Determinations, including advertisement meeting materials and logistical needs as necessary;
7. (5%) Upon completion of each of the regional emissions analyses, organize and archive both input and output data.

PROJECT TASKS FOR THE MEMBERS:

1. (80%) Enter transportation project information into PIMS for all projects judged to be non-exempt under the Clean Air Act Amendments of 1990 which impact traffic or travel patterns
in the NYMTC planning area, regardless of funding source, to be considered and evaluated for impacts in each of the two regional emissions analyses;

2. (10%) Participate in public review periods for draft Transportation Conformity Determinations during the program year, including public review meetings for each comment period. Prepare and review responses to comments;

3. (10%) Participate in finalizing transportation conformity determinations for PFAC or Council adoption.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Transportation Conformity Determinations. (Q2 and Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

NYMTC STAFF

1. Contract name: MHSTCC Solicitation Support

   Contract PIN: PTMH13B14;  
   FHWA PL number: to be assigned;  
   Estimated start date: 5/1/2014;  
   Estimated end date: 2 years after contract execution;  
   Estimated cost: $101,250;  
   Corresponding: tasks 1-7, deliverables 1.

   This professional services contract will assist MHSTCC in the programmatic elements of regional emissions analyses and conformity determinations.

**PREVIOUSLY PROGRAMMED FUNDS:**

NYMTC STAFF: $101,250

Funds were programmed previously for professional services contract. The contracting process will start later than expected. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
EXPECTED STATUS AS OF APRIL 1, 2015:

Plan 2040 and FFY 2014-18 TIP were adopted in September 2013 and amended during the SFY 2013-2014 UPWP. A regional emissions analysis for a batch of non-exempt TIP amendments will be underway.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

NYMTC will adopt batched non-exempt TIP and Plan amendments by November 2015 and develop a draft FFYs 2017-2021 TIP to be posted for public review in April 2016 in anticipation of a PFAC recommendation and a Council adoption in June 2016. Regional emissions analyses and conformity determinations will be developed and completed for each of these activities.

PROJECT DESCRIPTION:

This project will undertake the analytical elements of regional emissions analyses and Transportation Conformity Determinations prepared for projects or revisions to projects which are non-exempt under the Clean Air Act Amendments of 1990.

PROJECT TASKS FOR THE STAFF:

1. (15%) Assist in collection and review of information on all non-exempt projects and project changes, along with regionally-significant projects and exempt projects to be included at the choice of the members;
2. (15%) Code collected project information into the appropriate components of the NYBPM;
3. (35%) Execute and perform quality control for NYBPM Build and No-Build scenarios for all required milestone years, as well as post-processing and off-model analyses;
4. (10%) Assist in preparation of Transportation Conformity Determination documentation;
5. (10%) Upon completion of the regional emissions analyses, organize and archive the data; back up all data files after each conformity determination and prepare hardware and software for new runs;
6. (15%) Maintain and modify software, including the TransCAD license, with latest assumptions to meet requirements for each conformity determination.

PROJECT TASKS FOR NYS DEPARTMENT OF TRANSPORTATION:

1. (10%) Review and provide guidance on the assumptions and methodologies;
2. (30%) Coordinate with NYS Department of Environmental Conservation to provide input data;
3. (30%) Review NYBPM and post-processor outputs;
4. (30%) Assist in developing required documentation.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Conformity determination documentations (Q1 & Q4).

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

1. **Contract name: Consultant Support for Conformity Determination**
   - Contract PIN: PTCS14B11; FHWA PL number: to be assigned;
   - Estimated start date: 12/31/2015; Estimated end date: 1 year after contract execution;
   - Estimated cost: $150,000; Corresponding: tasks 1-6, deliverables 1.

   NYMTC will hire consultant for continuing support to meet the changing regulatory requirements and/or software modifications for the conformity analysis. Consultant will provide support on transit operational changes, MOVES applications, and responding to ICG directives.

2. **Contract name: Model Application Contractor**
   - Contract PIN: PTCS13B14; FHWA PL number: to be assigned;
   - Estimated start date: 12/1/2015; Estimated end date: 1 year after contract execution;
   - Estimated cost: $200,000; Corresponding: tasks 1-6, deliverables 1.

   The model application contractor is needed as a resource during the conformity analysis, done at least twice a year. This resource is required to meet these tight deadlines for the Federal Requirement for Conformity Determination. The contractor is also needed to provide support for ‘Other model Application Work’ which need some special expertise not available in house. This will be the second year using the PSA 3.

3. **Contract name: Consultant Support for Conformity Determination**
   - Contract PIN: PTCS15B11; FHWA PL number: to be assigned;
   - Estimated start date: 1/1/2016; Estimated end date: 2 years after contract execution;
   - Contract cost: $175,000; Corresponding: tasks 1-6; deliverables 1.

   NYMTC will hired consultant for continuing support to meet the changing regulatory requirements and/or software modifications for the conformity analysis. Consultant will provide support on transit operational changes, MOVES applications, and responding to ICG directives.

4. **Contract name: Model Application Contractor**
   - Contract PIN: PTCS15B12; FHWA PL number: to be assigned;
   - Estimated start date: 10/1/2015; Estimated end date: 2 years after contract execution;
   - Estimated cost: $225,000; Corresponding: tasks 1-6; deliverables 1.

   The model application contractor is needed as a resource during the conformity analysis done at least twice a year. The contractor is also needed to provide support for “Other Model Application Work” which need some special expertise not available in house.

5. **Contract name: Conformity and Model Application Support**
   - Contract number: PTCS13B13; FHWA PL number: 100T-188;
Start date: 5/6/2014; End date: 5/31/2017; Estimated cost: $215,000; Corresponding: task 1-6; deliverables 1.

Two carryover projects were combined this year. NYMTC will hire consultants to meet the new regulatory requirements for the conformity analysis. For every conformity determination the software needs to be modified to meet the specification of individual runs based on changing requirements, changing operations, and ICG directives. The consultant will provide support on problem solving and training for 2-3 conformity runs.

PREVIOUSLY PROGRAMMED FUNDS:

NYMTC STAFF: $565,000

This is ongoing project with multiple professional services contracts to support the development of two conformity determinations per program year. New York State procurement rules require funds to be fully programmed before contracts can be solicited.

SUMMARY OF PROJECT FUNDING:

See following page.
### Regional Emissions Analysis and Conformity Determination - Analytical Element (B05)

**SFY 2015-2016**

**Total Project Funds: $1,671,764**

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* NYSDOT includes regions 8, 10, 11 and Albany main office

** NYMTC STAFF includes MHSTCC, NCTCC, NYCTCC and central staff
EXPECTED STATUS AS OF APRIL 1, 2015:

The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements. Based on these measures, New York State will develop statewide performance targets by June 2016 and NYMTC will develop and adopt regional performance targets by December 2016. NYMTC will be developing operating procedures to implement the MAP-21 PBPP requirements.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

The PFAC Operational Procedures Working Group will recommend PBPP operating procedures to PFAC and ultimately the Council for adoption in compliance with the final PBPP rules for implementing PBPP. NYMTC will work with NYSDOT in the development of statewide and regional performance targets for the measures contained in the final rules. NYMTC will develop a data collection plan for the measures identified in the final rule and will draft the initial sections of the Performance Plan. Public outreach will be accomplished as part of the overall program developed by NYMTC for PBPP implementation.

PROJECT DESCRIPTION:

This project will develop a Regional CMAQ Performance Plan, per MAP-21’s PBPP requirements, that includes an area baseline level for traffic congestion and on-road mobile source emissions; describes progress made in achieving the performance targets; and includes a description of projects identified for funding and how such projects will contribute to achieving emission and traffic congestion reduction targets.

PROJECT TASKS FOR THE STAFF:

1. (30%) Develop draft sections of the Plan to include an area baseline level for traffic congestion and on-road mobile source emissions; a description of progress made in achieving the performance targets (SFY 16-17 program year); and a description of projects identified for funding and how such projects will contribute to achieving emission and traffic congestion reduction targets (SFY 16-17 program year);

2. (20%) Facilitate the operation of the PFAC Operational Procedures Working Group to develop a CMAQ Performance Plan for NYMTC;

3. (15%) Compile working group recommendations for the Performance Plan, Data Collection Plan and performance targets in conjunction with NYSDOT;

4. (15%) Compile operational procedures for PFAC adoption per the working group recommendations and public input;

5. (20%) Work with NYSDOT in the development of statewide and regional targets for federally-established performance measures.
PROJECT TASKS FOR THE MEMBERS:

1. (25%) Participate in monthly meetings of the PFAC Operational Procedures Working Group to develop a CMAQ Performance Plan for NYMTC;
2. (40%) Review working group recommendations for the Performance Plan, Data Collection Plan and performance targets in conjunction with NYSDOT;
3. (25%) Review draft sections of the Performance Plan and provide commentary;
4. (10%) Participate in PFAC adoption of operational procedures per the working group recommendations and public input.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Operating procedures for the CMAQ Performance Plan. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. Contract Name: CMAQ Performance Plan Development
   Contract PIN: PTCS13A15; FHWA PL number: to be assigned;
   Estimated start date: 12/1/2015; Estimated end date: 1 year after contract execution;
   Estimated Cost $200,000; Corresponding: tasks 1-5; deliverables: 1.

This professional services contract will assist PFAC subcommittee to develop CMAQ Performance Plan

PREVIOUSLY PROGRAMMED FUNDS:

NYMTC STAFF: $200,000
This is ongoing project. The contracting process began later than expected. This process is now in progress. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

NYCDOT: $50,000
Ongoing core activity.

SUMMARY OF PROJECT FUNDING:

See following page.
CATEGORY C: Planning Program Projects

This category includes planning projects related to the development and management of the annual work program. The work program is a federally-mandated product of the metropolitan planning process which provides an annual program of transportation planning activities in NYMTC’s region. Planning projects which are intended for Federal funding must appear in an adopted to be eligible for that funding. Planning projects to be funded through non-Federal sources are often shown for information purposes.

Highlights for the SFY 2015-2016 UPWP:

- Reporting mechanisms will be maintained to provide information on the status, progress and accomplishments of specific tasks and deliverables listed in the work program.
- A series of program building and peer review meetings will be conducted to develop a draft of the SFY 2016-2017 work program for federal and public review.
- The SFY 2014-2015 work program will be managed, including necessary amendments and administrative modifications to its programmatic structure, during the program year and preparation of quarterly progress reports and NYMTC members’ payment vouchers.
- A Completion Report for the SFY 2014-15 program year will be compiled and submitted.
- A reporting system will be maintained as required by Title VI of the Civil Rights Act of 1964 and Executive Order 12898 on Environmental Justice.

Accomplishments for this Category in Recent Program Years:

- Required submissions under Title VI of the Civil Rights Act of 1964 and the Environmental Justice Executive Order were completed.
- The SFY 2014-2015 work program was prepared and adopted per federal planning requirements.
- Completion Reports were compiled and submitted for the SFY 2012-13 and SFY 2013-14 program years.
- A planning prospectus has been developed based on the 2010-2035 Plan and related Congestion Management Process.
- Various amendments and administrative modifications to the work program have been processed as needed.
- The day-to-day activities of NYMTC's member agencies and staff in the implementation of the metropolitan transportation planning process have been monitored.
## Category C: Planning Program

### Cost Summary

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C01: SFY 2015-2016 Unified Planning Work Program
Maintenance and Progress Reporting

EXPECTED STATUS AS OF APRIL 1, 2015:
The SFY 2015-2016 UPWP will have been adopted by the Council in February 2015 and federal review of the adopted UPWP will have been completed.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
Up to twenty amendments and administrative modifications of the 2015-2016 UPWP will be executed during the program year, and four quarterly payment vouchers will be processed from each of the members in the pass through program. Quarterly progress reports will be submitted and a program audit will be undertaken during the first quarter.

PROJECT DESCRIPTION:
This project manages and maintains the SFY 2015-2016 UPWP through amendments and administrative modifications to its programmatic structure as needed, as well as the preparation and processing of quarterly payment vouchers for federal reimbursement and a related reporting mechanism to provide information on the status, progress and accomplishments on specific tasks listed in the SFY 2015-2016 UPWP.

PROJECT TASKS FOR THE STAFF:
1. (10%) Prepare PFAC resolution packages for proposed UPWP actions throughout the program year. Facilitate the processing of the PFAC resolution packages via PFAC action;
2. (5%) Participate in public comment periods for proposed actions throughout the program year as required by PFAC operating procedures; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments;
3. (5%) Conduct the PFAC resolution process and process the resolution package throughout the program year. Adjust information in the UPWP TOOL per the amendment once processed;
4. (20%) Review and process quarterly payment vouchers upon their submission no later than 60 days after the end of each quarter of the program year;
5. (30%) Review and submit UPWP quarterly progress reports for planning no later than sixty days after the end of each quarter of the program year;
6. (20%) Review all members’ submissions of UPWP progress reports and provide comments as are appropriate. Coordinate reviews and distribute deliverables including draft and final reports to federal and state agencies throughout the program year;
7. (10%) Organize annual program audit meetings by TCCs during the first quarter of the program year.
**PROJECT TASKS FOR THE MEMBERS:**

1. (5%) Prepare required documentation throughout the program year to initiate UPWP amendment actions via PFAC action. Undertake administrative modifications as needed throughout the program year;

2. (5%) Participate in public comment periods for proposed actions throughout the program year as required by PFAC operating procedures; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses;

3. (10%) Review and process PFAC resolutions as needed throughout the program year;

4. (30%) Prepare and submit quarterly payment vouchers for UPWP work reimbursement no later than 60 days after the end of each quarter of the program year;

5. (40%) Prepare and submit UPWP quarterly progress reports to NYMTC account managers using the Progress Report Utility for planning no later than sixty days after the end of each quarter of the program year;

6. (10%) Participate in an annual program audit meetings.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. PFAC resolution packages for UPWP amendments; (Q1-4)

2. Quarterly payment vouchers; (Q1-4)

3. UPWP quarterly progress reports. (Q1-4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

None

**PREVIOUSLY PROGRAMMED FUNDS:**

None

**SUMMARY OF PROJECT FUNDING:**

See following page.
### SFY 2015-2016 Unified Planning Work Program Maintenance and Progress Reporting (C01)

**SFY 2015-2016**

**Total Project Funds: $795,103**

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* NYS DOT includes Regions 8, 10, 11 and Albany Main Office

**NYMTC Staff includes MHSTCC, NSTCC, NYCTCC and Central Staff**
C02: SFY 2016-2017 UPWP Development

EXPECTED STATUS AS OF APRIL 1, 2015:

Development of the SFY 2016-2017 UPWP will begin during the first quarter of the SFY 2015-2016 program year.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

The SFY 2016-2017 UPWP will be developed during the program year, which will require up to six meetings or teleconferences to define core projects and to select discretionary projects.

PROJECT DESCRIPTION:

This project develops the SFY 2016-2017 UPWP during the program year through coordination of NYMTC's member agencies and staff. The project also seeks to develop the program in compliance with relevant federal regulations while optimizing the use of available planning funds by assuring that these funds are put towards planning projects and studies which address the region's needs, support the regional planning process, and are consistent with the Regional Transportation Plan.

PROJECT TASKS FOR THE STAFF:

1. (10%) Develop a guidance package for the development of the SFY 2016-2017 UPWP;
2. (10%) Coordinate and support the development of 2016-2017 UPWP and prepare all support materials as needed to members and staff;
3. (20%) Develop staffing and direct costs for mandatory core projects for the SFY 2016-2017 UPWP;
4. (10%) Develop project information for new discretionary projects, to be reviewed and selected by NYMTC members;
5. (20%) Review project submissions and provide feedback to members and staff. Prepare support materials and coordinate peer review discussions to exchange reviews and comments on all project submissions and to select proposed new discretionary projects;
6. (10%) Prepare up to four drafts and a final version of the SFY 2016-17 UPWP document;
7. (10%) Prepare and process PFAC and Council actions to recommend and adopt the SFY 2016-2017 UPWP;
8. (10%) Organize a public comment period for the draft SFY 2016-2017 UPWP; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments;

PROJECT TASKS FOR THE MEMBERS:

1. (10%) Review the draft guidance package for the development of the SFY 2016-2017 UPWP
and provide comments;
2. (20%) Develop staffing and direct costs for mandatory core projects for the SFY 2016-2017 UPWP;
3. (30%) Develop project information for new discretionary projects, to be reviewed and selected by NYMTC members;
4. (15%) Submit a catalogue of planning projects funded through other than UPWP sources, regardless of the fund sources, which will be conducted during 2016-2017 SFY. Each project must include brief description, timeframe, cost, and fund source;
5. (15%) Participate in the selection process for new discretionary projects and in up to six peer review meetings;
6. (5%) Review and process PFAC and Council actions to recommend and adopt the SFY 2016-2017 UPWP;
7. (5%) Assist in advertising and participate in a public comment period for the draft SFY 2016-2017 UPWP as required; advertise the comment period and meetings through website postings and distribution of notices. Prepare and review responses to comments as needed.

PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:

1. Guidance package for the 2016-2017 UPWP; (Q1)
2. Draft 2016-2017 UPWP for public review; (Q3)
3. Final 2016-2017 UPWP. (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

None

PREVIOUSLY PROGRAMMED FUNDS:

NYCDOT: $60,000
Ongoing core activity.

SUMMARY OF PROJECT FUNDING:

See following page.
### C03: Program Reporting for EJ and Title VI

**EXPECTED STATUS AS OF APRIL 1, 2015:**

Program reporting will have been submitted during the SFY 2014-2015 program year.

**PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:**

Title VI reports will be submitted as required by each member agencies. NYMTC will adopt an updated Title VI program by September 2016.

**PROJECT DESCRIPTION:**

This project will maintain a reporting system for NYMTC as required by Title VI of the Civil Rights Act of 1964 and Executive Order 12898 on Environmental Justice.

**PROJECT TASKS FOR THE STAFF:**

1. (100%) Prepare annual and biennial reporting as required by Title VI of the Civil Rights Act of 1964 and Executive Order 12898 on Environmental Justice, as well as the related guidance by the Federal Transit Administration.

**PROJECT TASKS FOR THE MEMBERS:**

1. (100%) Submit individual member annual reporting as required by Title VI of the Civil Rights Act of 1964 and Executive Order 12898 on Environmental Justice.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Annual Title VI reports. (Q3)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

None

**PREVIOUSLY PROGRAMMED FUNDS:**

| NYCDOT: | $40,495 |

Ongoing core activity.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Program Reporting for EJ and Title VI (C03)

SFY 2015-2016

Total Project Funds: $179,514
CATEGORY D: Analytical Tools and Forecasting Projects

This category includes planning projects which seek to maintain, upgrade, and operate NYMTC’s analytical and simulation models and post-processors, primarily those associated with the New York Best Practice Model (NYBPM), NYMTC’s regional travel demand forecasting model. These tools are essential to produce NYMTC’s federally-mandated forecasts of socio-economic characteristics, traffic congestion and motor vehicle emissions. Projects to update and allocate needed socio-economic data are also found in this category.

Highlights for the SFY 2015-2016 Program year

- Socio-economic and demographic (SED) forecasts through a 2050 horizon year at the county/borough level adopted during the previous program year will be allocated to transportation analysis zones for use with the NYBPM.
- The development of 2012 Base Year NYBPM will continue.

Accomplishments for this Category in Recent Program Years:

- Implemented design and procedural improvements to the NYBPM as needed.
- Adopted new SED forecasts to a 2050 horizon for use in regional emissions analyses.
- Completed the development of 2010 Base Year NYBPM.
- Completed and tested the new Graphical User Interface for the NYBPM.
- Improved and updated the Project Information Management System (PIMS).
- Implemented the Motor Vehicle Emission Simulator (MOVES) post-processor.
## Category D: Analytical Tools and Forecasting

### Cost Summary

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<th>Funds programmed in SFY 2015-16</th>
<th>Previously Programmed Funds</th>
<th>Total Funds</th>
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D01: 2050 Socio-Economic/Demographic (SED) Forecasts

EXPECTED STATUS AS OF APRIL 1, 2015:
2050 county-level SED forecasts were adopted in February 2015. Disaggregation of the adopted county level forecasts to the transportation analysis zone (TAZ) level is in progress.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
Maintaining adopted 2050 SED county level forecasts and making adjustments to forecasts as needed during the program year. Anticipated completion of 2050 TAZ-level forecasts during the first quarter of the program year. The one-year, three-year and five-year estimates from the American Community Survey (ACS) will be received during the program year.

PROJECT DESCRIPTION:
This project will continue the development and updates of 2050 SED forecasts at the county/borough and TAZ levels. SED forecasts are critical to the metropolitan planning process in order to forecast future travel demand, volumes and traffic congestion for transportation planning purposes.

PROJECT TASKS FOR THE STAFF:
1. (5%) Organize and participate in as many as twelve meetings of the Forecasting Working Group throughout the program year to oversee the development and adjustment of the 2050 forecasts;
2. (15%) Review and provide comments on up to ten intermediate products and/or technical memos during the development of the forecasts through the program year;
3. (10%) Review development projects from the member agencies for consistency and completeness and prepare it for use in the forecasting process by the end of the third quarter of the program year;
4. (20%) Organize and participate in the Zonal Allocation Process for the 2050 TAZ-level forecasts throughout the program year;
5. (10%) Review and provide comments on up to four intermediate products and/or technical memos during the development of the assumptions and methodologies of the 2050 TAZ-level forecasts during the first and second quarters of the program year;
6. (20%) Review and update 2050 county/borough-level forecasts and 2050 TAZ-level forecasts as needed during the program year;
7. (5%) Prepare data for use in analytical tools, including the NYBPM, by the end of the program year;
8. (15%) Respond to SED related data requests from public/private agencies in the timely manner throughout the program year.
PROJECT TASKS FOR NYC DEPARTMENT OF CITY PLANNING:

1. (10%) Finalize assumptions and methodology documentation for the zonal allocation process of 2050 New York City borough-level forecasts;
2. (50%) Develop 2050 TAZ-level forecasts for New York City;
3. (10%) Review and provide comments on up to four intermediate products and/or technical memos during the zonal allocation process to produce TAZ-level forecasts throughout the program year;
4. (10%) Participate in the regular biweekly project progress meetings throughout the program year;
5. (10%) Prepare a borough-level inventory of proposed development projects in New York City as needed to update 2050 TAZ-level forecasts;
6. (10%) Participate in as many as twelve meetings of the FWG to oversee the development and maintenance of the 2050 SED forecasts. Review and provide comments on up to five intermediate products and/or technical memos during the development of the forecasts. Prepare materials and presentation to share with the FWG.

PROJECT TASKS FOR MTA AND SUBURBAN COUNTIES:

1. (50%) Prepare an inventory of development projects within each county as input for the update of the 2050 TAZ-level forecasts as needed by the end of the third quarter of the program year (counties only). MTA will assist in the preparation of the inventories as needed;
2. (40%) Participate in as many as twelve meetings of the Forecasting Working Group throughout the program year to oversee the development / maintenance of the 2050 SED forecasts. Review and provide comments on up to five intermediate products and/or technical memos during the development of the forecasts;
3. (10%) Review and provide comments on up to four intermediate products and/or technical memos during the zonal allocation process to produce TAZ-level forecasts throughout the program year.

PROJECT TASKS FOR NYC DEPARTMENT OF TRANSPORTATION AND NYS DEPARTMENT OF TRANSPORTATION:

1. (80%) Participate in as many as twelve meetings of the Forecasting Working Group throughout the program year to oversee the development / maintenance of the 2050 SED forecasts. Review and provide comments on up to five intermediate products and/or technical memos during the development of the forecasts;
2. (20%) Review and provide comments on up to four intermediate products and/or technical memos during the zonal allocation process to produce TAZ-level forecasts throughout the program year.
PROJECT DELIVERABLES FOR THE STAFF:

1. A report on the methodology and results for the 2050 SED forecasts for the thirty-one county metropolitan region on county/borough level; (Q1)

2. A report on the methodology and results for the zonal allocation process of 2050 county/borough-level SED forecasts for the thirty-one county metropolitan region; (Q2)

3. An inventory of development projects for the NYMTC planning area; (Q4)

PROJECT DELIVERABLES FOR NYC DEPARTMENT OF CITY PLANNING:

1. A report on the methodology and results for the zonal allocation process for the New York City borough-level 2050 SED forecasts; (Q1)

2. Inventory of proposed development projects in New York City; (Q3)

PROJECT DELIVERABLES FOR SUBURBAN COUNTIES:

1. County-level inventory of development projects. (Q3)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. **Contract name:** 2050 Demographic Forecasts Management Support  
   Contract number: PTCS12D11;  
   FHWA PL number: 100T-185;  
   Start date: 2/19/2014;  
   End date: 12/31/2015;  
   Estimated cost: $120,000;  
   Corresponding: tasks 2-9, deliverable 3.

   The development of the 2050 SED forecasts will be more complex than previous forecasts as three scenarios (low, medium, and high) will be developed for each forecast year. The proposed consultant will provide support to reconcile the two sets of employment forecasts and provide recommendations to the Forecasting Working Group.

2. **Contact name:** SED Models for 2050 Forecasts and ZAP  
   Contract number: PTCS12R13;  
   FHWA PL number: 100T-171;  
   Start date: 3/1/2013;  
   End date: 2/29/2016;  
   Contract amount: $400,000;  
   Corresponding: tasks 2-9, deliverables 1-2.

   In this project the consultant will be contracted to come up with a 2050 Forecasts for the socio economic demographic forecasts needed as inputs to NYBPM. The consultant will be required to come up with a state of the art methodology and tool for these forecasts. The title of this consultant task previously was "SED 2040 Forecasts/LUM Update Estimate Future Demand"

3. **Contract name:** Socioeconomic Demographic Forecast Contractor (15-16)  
   Contract number: PTCS15D11;  
   FHWA PL number: to be assigned;  
   Estimated start date: 1/1/2016;  
   Estimated end date: 1 year after contract execution;  
   Estimated cost: $220,000;  
   Corresponding: tasks 2-9, deliverables 1-2.

   Under this contract an in house contractor will be hired to work on 2 sets of SED forecasts. This include conducting research and analysis, maintaining 2045 SED Forecasts for RTP and provide
support in the development of the 2050 SED forecasts.

4. **Contract name: Socioeconomic Demographic Forecast Contractor (14-15)**
   - Contract number: PTCS14D11; FHWA PL number: to be assigned;
   - Estimated start date: 1/1/2016; Estimated end date: 1 year after contract execution;
   - Estimated cost: $210,000; Corresponding: tasks 2-9, deliverables 1-2.

   Under this contract an in house contractor will be hired to work on 2 sets of SED forecasts. This include conducting research and analysis, maintaining 2045 SED Forecasts for RTP and provide support in the development of the 2050 SED forecasts.

5. **Contract name: Socioeconomic Demographic Forecast Contractor (13-14)**
   - Contract number: PTCS12D12; FHWA PL number: 100T-174;
   - Start date: 5/1/2013; End date: 5/31/2015;
   - Contract cost: $160,000; Corresponding: tasks 2-9, deliverables 1-2.

   Under this contract an in house contractor will be hired to work on 2 sets of SED forecasts. This include conducting research and analysis, maintaining 2045 SED Forecasts for RTP and provide support in the development of the 2050 SED forecasts.

6. **Contract name: Socioeconomic Demographic Forecast Contractor (12-13)**
   - Contract number: PTCS12D12; FHWA PL number: 100T-174;
   - Start date: 5/1/2013; End date: 5/31/2015;
   - Contract cost: $50,000; Corresponding: tasks 2-9, deliverables 1-2.

   Under this contract an in house contractor will be hired to work 2 sets of SED forecasts. This include conducting research and analysis, developing 2045 SED Forecasts for RTP and provide support in the development of the 2050 SED forecasts.

**PREVIOUSLY PROGRAMMED FUNDS:**

**NYMTC STAFF:** $940,000
This is an ongoing project with multiple professional services contracts, each contract is in a different status of progress.
New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**NYCDOT:** $25,000
Ongoing core activity.

**Rockland County:** $83,000
Ongoing core activity.

**SUMMARY OF PROJECT FUNDING:**

See following page.
2050 Socio-Economic/Demographic (SED) Forecasts (D01)

SFY 2015-2016
Total Project Funds: $2,862,157

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* NYSDOT includes Regions 8, 10, 11 and Albany Main Office
** NYMTCT Staff includes MHTCC, N&TCC, NYCTCC and Central Staff
D02: Model Development and Enhancement

EXPECTED STATUS AS OF APRIL 1, 2015:
The development of the 2010 Base Year NY Best Practice Model (NYBPM) will be completed. The consultant will be selected to assist in the development of 2012 Base Year NYBPM and the contract will have been executed. In a related project, the 2011 Regional Household Travel Survey will be completed and the data will be available for both the 2010 Base Year NYBPM and the development of 2012 Base Year NYBPM.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
Development of the 2012 Base Year NYBPM will continue with a review of data needs and hardware and software issues. Completion is anticipated in SFY 2017. The 2010 Base Year NYBPM will be completed and put into use. An upgraded version of the Motor Vehicle Emissions Simulator (MOVES) post-processor will be received from USEPA and will replace the current MOVES software and will be integrated with the NYMTC’s new Post-Processor software, which will be updated.

PROJECT DESCRIPTION:
The NYBPM must be regularly updated with a new base year in order to meet the federal guidance that planning assumptions must be maintained for the required congestion management analysis and regional emissions analysis. This update will continue in parallel with the development of the 2012 Base Year NYBPM, using the 2011 Regional Household Travel Survey data. The development of 2012 Base Year NYBPM is expected to be completed in SFY 2017.

PROJECT TASKS FOR THE STAFF:
1. (15%) Finalize the Post-Processor software update;
2. (15%) Finalize testing of the updated MOVES post-processor and its integration with PPS;
3. (15%) Undertake procedural improvements to the 2010 Base Year NYBPM and incorporate other model refinements, including recalibration and validation;
4. (15%) Continue testing and reasonableness checking;
5. (40%) For the 2012 Base Year NYBPM, complete the consultant selection process and initiate the work during the first quarter of the program year and continue through the program year.

PROJECT TASKS FOR THE MEMBERS:
1. (50%) Review and provide comments on the final technical manual and the user manual for the 2010 Base Year NYBPM;
2. (50%) Support the development of 2012 Base Year NYBPM by reviewing and providing comments on up to two intermediate products and/or technical memos during the program year. Participate in the monthly project progress meetings with NYMTC consultant and NYMTC project manager during the third and fourth quarters of the program year.

**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Completed 2010 Base Year NYBPM with all supporting data; (Q2)
2. Final documentation and user manual for 2010 Base Year NYBPM; (Q2)
3. Upgraded Post-Processor software to reflect USEPA’s MOVES update. (Q2)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract name: PPS-AQ and PPS-CMP Hosting, Maintenance and Backup**
   
   Contract PIN: PTCS14D12; 
   Estimated start date: 6/1/2015; 
   Estimated cost: $375,000; 

   Hosting PPS-AQ and PPS-CMP on a server maintained and supported at Cornell. Providing maintenance, back up and technical support for PPS-AQ and PPS-CMP for conformity and accommodate changes to functionality of PPS-AQ due to changes in conformity requirement.

2. **Contract name: NYBPM 2012 Base Year (NYBPM 2.0)**
   
   Contract number: PTCS12D13; 
   Estimated start date: 7/1/2015; 
   Estimated cost: $2,500,000; 

   This project aims to update and improve the regional travel demand model – NYBPM, to conform to the requirements of Federal regulations in applying sound and latest planning assumptions in the development of transportation plans. NYBPM needs to be redeveloped based on the new regional household survey incorporating latest practices in model development.

3. **Contract name: Model Development Tech Support Contractor**
   
   Contract PIN: PTCS13D12; 
   Start date: 7/15/2013; 
   Estimated cost: $220,000; 
   FHWA PL number: 100T-173; 
   Corresponding: tasks 1-5, deliverables 1-3.

   An on site consultant to provide technical support to assist with various tasks associated with the model development projects that are essential for NYMTC to fulfill Federal requirements as the MPO for the NYMTC region. These projects include development and enhancement of travel demand models, post processor and CMP.
4. **Contract name: Model Development Technical Support Contractor**

- **Contract PIN: PTCS14D13**
- **FHWA PL number: to be assigned**
- **Estimated start date: 1/1/2016**
- **Estimated end date: 2 years after contract execution**
- **Estimated cost: $440,000**
- **Corresponding: tasks 1-5, deliverables 1-3**

An on site consultant to provide technical support to assist with various tasks associated with the model development projects that are essential for NYMTC to fulfill Federal requirements as the MPO for the NYMTC region. These projects include development and enhancement of travel demand models, Post Processor and CMP.

5. **Contract name: Update MOVES**

- **Contract PIN: PTCS13D15**
- **FHWA PL number: to be determined**
- **Estimated start date: 10/1/2015**
- **Estimated end date: 1 year after contract execution**
- **Estimated cost: $230,000**
- **Corresponding: tasks 1-5, deliverables 1-3**

Accommodating changes to the functionality of PPS-AQ and PPS-CMP due to changes in the EPA MOVES and NYBPM. Also accommodating changes to hardware, network, and configurations on client computers that affect the usage of PPS and update of data in response to NYSDEC and NYSDOT.

6. **Contract Name: Best Practice Model TransCAD Enhancements & Develop GUI**

- **Contract PIN: PTCS04R19**
- **FHWA PL number: 100T-168**
- **Start date: 4/1/2005**
- **End date: 12/31/2014**
- **Estimated cost: $20,000**
- **Corresponding: tasks 1-5, deliverables 1-3**

The development of Graphical User Interface (GUI) is completed. This consultant task is to provide technical support for new GUI.

7. **Contract name: Model Software Technical Support**

- **Contract PIN: PTCS11R13**
- **FHWA PL number: to be determined**
- **Estimated start date: 10/1/2015**
- **Estimated end date: 2 years after contract execution**
- **Estimated cost: $350,000**
- **Corresponding: tasks 1-6, deliverables 1-4**

This contract will provide NYBPM software technical support.

8. **Contract name: PPS-AQ and PPS-CMP Hosting, Maintenance and Backup**

- **Contract PIN: PTCS13D14**
- **FHWA PL number: to be determined**
- **Estimated start date: 6/1/2015**
- **Estimated end date: 2 years after contract execution**
- **Estimated cost: $240**
- **Corresponding: tasks 1-5, deliverables 1-3**

Providing maintenance and technical support for PPS-AQ and PPS-CMP for conformity and accommodate changes to functionality of PPS-AQ due to changes in conformity requirement.
9. **Contract name: PIMS Maintenance and Hosting**

| Contract numbers: PTCS13D14 | FHWA PL number: 100T-180 |
| Start date: 8/6/2014; | End date: 12/31/2015; |
| Estimated cost $185 | Corresponding: tasks 1-5, deliverables 1-3. |

To maintain and host the web based PIMS software by NJIT, develop and improve the software, and provide technical support as needed.

10. **Contract name: MOVES and Post Processor Software Upgrade**

| Contract PIN: PTCS13D15 | FHWA PL number: 100T-183 |
| Estimated start date: 12/18/2013; | Estimated end date: 12/31/2015; |
| Estimated cost $200,000 | Corresponding: tasks 1-6, deliverables 1-4. |

To be responsive to the conformity requirements, the post processor software needs to be updated incorporating new version of MOVES for calculation of transportation emission and Air Quality Conformity.

**PREVIOUSLY PROGRAMMED FUNDS:**

| NYMTC STAFF | $4,335,425 |

This is an ongoing project with multiple professional services contracts. Each contract is in a different status of progress. New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
CATEGORY E: Data Collection Projects
This category includes planning projects which seek to collect the data to maintain NYMTC’s analytical tools and to maintain the planning assumptions for the regional emissions analysis. Data sources include the decennial Census, regional travel surveys, traffic volume and classification counts, transit service changes and transit ridership.

Highlights for the SFY 2015-2016 Program Year:

- Traffic volume and vehicle classification counts will be collected at screenline locations throughout the region for the NYBPM.
- Transit ridership and transit service changes information will be collected for the NYBPM.
- Planning assumptions will be updated for regional emission analyses used in transportation conformity determinations under the Clean Air Act Amendment of 1990.
- Regional Establishment Survey will continue.
- Regional Origin-Destination Surveys (i.e., Regional External Cordon Auto-Truck Origin-Destination Survey, the Regional River Crossings Survey, and Regional Bus Origin-Destination Survey for independent systems) will continue throughout the program year.
- MTA will continue with the Metro-North Railroad Origin-Destination (O-D) Survey, and begin work on the NYC Travel Survey.
- A PBPP Data Collection Plan will be developed.

Accomplishments for this Category in Recent Program Years:

- Collected traffic volume and vehicle classification counts at screenline locations throughout the region for the NYBPM.
- Updated planning assumptions for regional emission analyses used in transportation conformity determinations under the Clean Air Act Amendment of 1990.
- Completed a Regional Household Travel Survey.
- Completed Travel Time and Travel Speed studies to update information on regional freeways, parkways, and arterials for the NYBPM.
## Category E: Data Collection

### Cost Summary

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E01: Data Collection for the NYBPM, PBPP and Required Management Systems

EXPECTED STATUS AS OF APRIL 1, 2015:
The development of 2012 Base Year NYBPM will be initiated. The 2013 CMP Status Report adopted in September 2013 and amended as needed in the SFY 2013-2014 UPWP. The USDOT Secretary, in consultation with the States, MPOs and others, will have promulgated a rulemaking and established performance measures by June 2015 under MAP-21’s PBPP requirements.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
During the program year, a PBPP Data Collection Plan will be developed and the following data will be collected:

- Transit ridership data by mode by service line by time period for each transit service provider in the NYMTC planning area;
- Transit service change data for each transit service provider in the NYMTC planning area;
- For the MTA only, MetroCard station origin-destination trip tables and bus on-board survey data for the hub-bound survey;
- Traffic volume counts on at least 30% of the total screenline locations and vehicle classification counts on at least 10% of the total screenline locations in each suburban county and each borough of the City of New York;
- Bridge and tunnel crossing data for all major bridges, tunnels and screenlines in the NYMTC planning area;
- Condition data for local-jurisdiction roads and bridges that are on the Federal-Aid System;
- The collected data will be processed, reviewed for quality control, and tabulated;
- The screen line database contains observed traffic volume data and vehicle classification data for use in calibration and validation of the NYBPM. The database consists of about 2,200 highway network link records and covers the ten counties that comprise the NYMTC planning area, and all interstate crossings between Connecticut, New York and New Jersey. The screen line locations for each county and borough are available through the following link: http://www.nymtc.org/project/GIS/Map_Inventory_Home.html.

PROJECT DESCRIPTION:
This project will collect a variety of data for a typical weekday in order to maintain, validate and calibrate the NYBPM, as well as to maintain required management systems. It will also prepare
for the collection of additional data to initiate PBPP requirements under MAP-21.

**PROJECT TASKS FOR THE STAFF:**

1. (10%) Review data collection plans submitted by the members;
2. (25%) Assemble data collected by the members and ensure that it is complete. Process the data into a format that can be used by the NYBPM;
3. (20%) Collect data for 2015 and prepare 2014 hub-bound tabulation and ridership and major river crossings traffic data for NYBPM validation;
4. (10%) Prepare a scope of work for traffic volume and vehicle classification counts for the 2012 Base Year NYBPM;
5. (10%) Participate in up to six meetings of the PFAC Operational Procedures Working Group to develop a PBPP process for NYMTC;
6. (25%) Develop a PBPP Data Collection Plan.

**PROJECT TASKS FOR THE MEMBERS:**

1. (5%) (all members except the NYC Department of City Planning) Prepare and submit a data collection plan;
2. (25%) (all members except the NYC Department of City Planning) Provide system generated transit ridership data for all transit service providers by mode by service line by time period, transit service change data for all transit service providers, transit asset data for all transit service providers, Manhattan bus on-board survey data, Metro Card-based station origin-destination data, bridge and tunnel crossings data, and traffic volume counts;
3. (25%) (all members except the NYC Department of City Planning and MTA) Collect traffic volume and vehicle classification data for the screen line locations. Assemble data into two data bases; one for traffic volume data and another for vehicle classification data (a sample format will be provided) by the end of the program year;
4. (20%) (NYC Department of Transportation and the suburban counties only) Collect condition data for local-jurisdiction roads and bridges that are on the Federal-Aid System;
5. (20%) (NYC Department of Transportation only) Collect hub-bound traffic volume data, including relevant bicycle and ferry data;
6. (5%) Support the development of a PBPP Data Collection Plan.

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Compiled databases for use in the NYBPM validation; (Q4)
2. Major river crossing tabulation; (Q3)
3. 2014 hub-bound tabulation; (Q4)
4. PBPP Data Collection Plan. (Q4)
PROJECT DELIVERABLES FOR THE MEMBERS:

1. Data collection plans (MTA, NYSDOT, NYC Department of Transportation and suburban counties); (Q1)

2. Transit ridership transit service change data, transit asset data, survey and origin-destination data, bridge and tunnel crossings data and traffic volume data. (MTA, NYSDOT, NYC Department of Transportation and suburban counties); (Q1-4)

3. Hub-bound traffic volume data (field collection) (NYC Department of Transportation); (Q4)

4. Screenline traffic volumes - all the locations should be compiled into a single database, preferably in GIS format. The database must contain NYBPM Screenline ID, NYS DOT Station ID, or NYC DOT Segment ID field so that it can be linked to GIS (NYSDOT, NYC Department of Transportation and suburban counties); (Q4)

5. Vehicle classification database – must contain seven classes of vehicles that were identified for the NYBPM. All the locations should be compiled into a single database, preferably in GIS format. The database must contain NYBPM Screenline ID, NYS DOT Station ID, or NYC DOT Segment ID field so that it can be linked to GIS (NYSDOT, NYC Department of Transportation and suburban counties); (Q4)

6. Local Federal-Aid road and bridges condition database. (NYC Department of Transportation and suburban counties); (Q4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. Contract Name: Explore innovative data collection approaches, techniques
   Contract PIN: PTCS14E14; FHWA PL number: to be assigned;
   Estimated start date: 1/1/2015; Estimated end date: 1 year after contract execution;
   Estimated Cost $100,000; Corresponding: tasks 2, 3; deliverables: 1, 2.
   This professional services contract will research new practices to identify the use of large data generated from mobile devices, GPS technology and social networks for conducting transportation surveys and collecting data on travel behavior. The effectiveness of using the data collected for transportation modeling and surveying to meet the federal requirements of long range transportation planning and decision making shall be documented.

2. Contract Name: Data Collection for NYBPM
   Contract PIN: PTCS14A11; FHWA PL number: to be assigned;
   Estimated start date: 4/1/2015; Estimated end date: 1 year after execution;
   Estimated Cost $200,000; Corresponding: tasks 1-6; deliverables: 1-4.
The professional services will be hired to collect Traffic Volume and Vehicle Classification and Occupancy counts on selected screenline locations.

NYCDOT

1. **Contract Name: Data Collection for NYBPM**

   Contract PIN: PTDT14A11;  
   FHWA PL number: to be assigned;  
   Estimated start date: 4/1/2015;  
   Estimated end date: 1 year after execution;  
   Estimated Cost $700,000;  
   Corresponding: tasks 1-6; deliverables: 1-6.

Under this professionals services contract STV, URS, HDR, TRIPS, ATI Volume and Classification Counts BPM 2013-2014 Hub bound traffic data, Bridge and Tunnel Counts, Condition Data Compilation, Vehicle Class data and Local Aid Road Data Collection.

NASSAU COUNTY

1. **Contract Name: Traffic Counts**

   Contract PIN: PTNA15A11;  
   FHWA PL number: to be assigned;  
   Estimated start date: 4/1/2015;  
   Estimated end date: 1 year after execution;  
   Estimated Cost $50,000;  
   Corresponding: tasks 1-6; deliverables: 1-6.

Professional services will be hired to do volume counts on the County's road system and vehicular/speed classification counts on selected high volume County roads. Counts used to assess traffic signal timing, update local highway inventory and the Nassau Co. Header File, and provide data to NYMTC for BPM and CMP updates.

PUTNAM COUNTY

1. **Contract Name: Pavement Management System (PMS) Data Collection**

   Contract PIN: PTPN15A13;  
   FHWA PL number: to be assigned;  
   Estimated start date: 4/1/2015;  
   Estimated end date: 1 year after execution;  
   Estimated Cost $25,000;  
   Corresponding: tasks 1-6; deliverables: 1-6.

Professional services will perform the field work for the initiation of the PMS on the County Highway Network (117 miles). The PMS will rate the pavement on a scale from 1 to 10, and will cover the roadways in a segmentation that conforms to basic intersections and to the segmentation of the traffic count system.

3. **Contract Name: Traffic Counts**

   Contract PIN: PTPN15A11;  
   FHWA PL number: to be assigned;  
   Estimated start date: 4/1/2015;  
   Estimated end date: 1 year after execution;  
   Estimated Cost $25,000;  
   Corresponding: tasks 1-6; deliverables: 1-6.
This task will initiate a permanent traffic counting program on the Putnam County Highway system (117 miles). The AADT counts will be collected by a consultant and then tabulated by county staff. It is anticipated that a 3-year cycle will be employed for all the roadways.

**SUFFOLK COUNTY**

1. **Contract Name: Traffic Counts**
   
   | Contract PIN: PTSU15A11;           | FHWA PL number: to be assigned; |
   | Estimated start date: 4/1/2015;    | Estimated end date: 1 year after execution; |
   | Estimated Cost $60,000;            | Corresponding: tasks 1-6; deliverables: 1-6. |

   Professional services will be hired to do volume counts on the County's road system and vehicular/speed classification counts on selected high volume County roads. Counts used to assess traffic signal timing, update local highway inventory, and provide data to NYMTC for BPM and CMP updates.

**NYSDOT REGION 11**

1. **Contract Name: Short-Term Traffic Data Collection Program**
   
   | Contract PIN: PT1115A11;           | FHWA PL number: to be assigned; |
   | Estimated start date: 4/1/2015;    | Estimated end date: 1 year after execution; |
   | Estimated Cost $600,000;           | Corresponding: tasks 1-6; deliverables: 1-6. |

   The short-term traffic data collection program is comprised of inventory counts taken on federal, state and local owned roads both on and off the federal aid highway system (FAHS), principal arterial system (PAS) ramps, and special counts like approach counts, turn counts, bike and pedestrian counts.

**PREVIOUSLY PROGRAMMED FUNDS:**

**NYMTC STAFF:** $300,000

This is ongoing multi-year project. The contracting process began later than expected. This process is now in progress. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**NYCDOT:** $600,000

This is ongoing multi-year project. The contracting process began later than expected. This process is now in progress. Note that New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Data Collection for the NYBPM, PBPP and Required Management Systems (E01)

SFY 2015-2016
Total Project Funds: $3,703,240

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* NYSDOT includes Regions 8, 10, 11 and Albany Main Office
** NYMTC staff includes MHSTCC, NSTCC, NYCTCC and Central Staff
E02: Planning Assumptions for Regional Emission Analyses

EXPECTED STATUS AS OF APRIL 1, 2015:

Plan 2040 and FFY 2014-18 TIP adopted in September 2013. A regional emissions analysis for non-exempt TIP amendments will be underway.

ASSUMPTIONS FOR THE SFY 2015-2016 PROGRAM YEAR:

NYMTC will adopt batched non-exempt TIP and Plan amendments by November 2015 and develop a draft FFYs 2017-2021 TIP to be posted for public review in April 2016 in anticipation of a PFAC recommendation and a Council adoption in June 2016. Regional emissions analyses and conformity determinations will be developed and completed for each of these activities.

PROJECT DESCRIPTION:

This project will provide updated planning assumptions for each regional emissions analyses and transportation conformity determinations prepared during the program year. As per USEPA’s transportation conformity rule guidance, planning assumptions must be revisited for each regional emissions analysis and updated based on industry practice and data availability.

PROJECT TASKS FOR THE STAFF:

1. (60%) Initiate, receive, and review the data collected by the members and ensure that it is complete and has been collected in the proper formats. Transfer the verified data to the appropriate storage locations for use in the regional emissions analysis throughout the program year;

2. (30%) Develop and prepare presentation of regional emission assumptions to ICG for concurrence and inclusion in the conformity determination throughout the program year;

3. (10%) Upon completion of each regional emissions analysis, organize and archive the data.

PROJECT TASKS FOR THE MEMBERS (EXCEPT NYSDOT):

1. (100%) Provide information on changes to transit fares, schedules, routes, toll structures, roadway operations and service levels on the facilities within the MPO planning boundaries or within the members’ jurisdiction as they are made during the program year.

PROJECT TASKS (NYSDOT ONLY):

1. (100%) Provide the most recent data available on traffic, HPMS and seasonal factors. Work with the Department of Motor Vehicles and the Department of Environmental Conservation, to provide vehicle fleet data (age, weight and vehicle types) and vehicle fuel mix, inspection and maintenance programs for modeling and documentation during the program year.

PROJECT DELIVERABLES FOR THE STAFF:

1. Archived databases. (Q4)
PROJECT DELIVERABLES FOR THE MEMBERS:

1. Data and information on seasonal factors, on vehicle fleet data such as age and vehicle types, vehicle fuel mix, inspection & maintenance program, on changes to transit fares, schedules, routes, toll structures, roadway operations and service levels as they are made during the program year. (Q1-4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

None

PREVIOUSLY PROGRAMMED FUNDS:

None

SUMMARY OF PROJECT FUNDING:

See following page.
Planning Assumptions for the Regional Emissions Analyses (E02)

SFY 2015-2016
Total Project Funds: $251,558

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* NYSDOT includes regions 8, 10, 11 and Albany Main Office

** NYMTCC STAFF includes MHSTCC, NSTCC, NYCTCC and CENTRAL STAFF
E03: Regional Travel Surveys

EXPECTED STATUS AS OF APRIL 1, 2015:
The 2011 Regional Household Travel Survey is complete. The Regional Establishment Survey is moving forward with ongoing data collection, data processing, and analysis. The contract for the Regional Origin-Destination Survey is awarded and the project is expected to start. Several other surveys are under way.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
The Regional Establishment Survey and the Regional Origin-Destination Surveys (i.e., Regional External Cordon Auto-Truck Origin-Destination Survey, the Regional River Crossings Survey, and Regional Bus Origin-Destination Survey for independent systems) will continue throughout the program year. MTA will continue work on the NYC Travel Survey.

PROJECT DESCRIPTION:
Various regional travel surveys will be conducted by NYMTC staff and by MTA, including various Origin-Destination surveys, to provide foundation data for the development of the 2012 Base Year NYBPM.

PROJECT TASKS FOR THE STAFF:
1. (25%) Organize and hold quarterly meetings for the active survey initiatives described above. Collect information as needed from the members and other sources for the execution of these surveys throughout the program year;
2. (25%) Review and provide comments on two Technical Memoranda for each of the active surveys and review intermediate products as they become available throughout the program year;
3. (30%) Review the survey data as it becomes available throughout the program year and ensure that it is complete and has been collected in the proper formats. Transfer the data to the appropriate storage locations for use in the maintenance and update of the NYBPM;
4. (20%) Collect and organize information on past and current travel surveys performed in the region for the inventory of travel surveys during the first and second quarters of the program year;

PROJECT TASKS FOR THE MEMBERS:
1. (40%) Attend quarterly meetings to plan and monitor the active survey initiatives described above. Provide information as needed for the execution of these surveys throughout the program year;
2. (40%) Review and provide comments on two technical memos for each of the active surveys
noted above throughout the program year;

3. (20%) Provide information on past and current travel surveys performed in the region by the end of the second quarter of the program year.

**ADDITIONAL TASKS FOR MTA NYCT TRAVEL SURVEY:**

1. Create survey instruments, conduct pre-test, finalize survey instruments;
2. Conduct surveys;
3. Evaluate, verify, and analyze results;
4. Compile final data and reports;
5. Provide transit O-D data to NYMTC.

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Two technical memos each for the Regional Establishment Survey and Regional Origin-Destination Surveys; (Q1-4)
2. Data collected from the Regional Establishment Survey. (Q1-2)

**PROJECT DELIVERABLES FOR THE MEMBERS:**

1. Review and comment on NYMTC technical memoranda for the Regional Establishment Survey and Regional Origin-Destination Surveys; (Q1-4)
2. Regional Establishment Survey data base; (Q3)
3. Updated inventory of travel surveys. (Q4)

**ADDITIONAL PROJECT DELIVERABLES (MTA ONLY):**

1. Survey questionnaires; (Q3)
2. Draft survey report & procurement checklist. (Q4)
3. Final survey report. (Q4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract name:** Travel Survey Contractor I, Year 3 2014-2015  
   **Contract PIN:** PTCS14E11;  
   **FHWA PL number:** to be assigned;  
   **Estimated start date:** 7/1/2015;  
   **Estimated end date:** 1 year after contract execution;  
   **Estimated cost:** $220,000;  
   **Corresponding:** tasks 1-4, deliverables 1-2.

This is a continuation of an on-site professional services to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.
2. **Contract name: Travel Survey Contractor II, Years 1-2 2014-2015**

   - **Contract PIN:** PTCS14E12; **FHWA PL number:** to be assigned;
   - **Estimated start date:** 4/1/2015; **Estimated end date:** 2 years after contract execution;
   - **Estimated cost:** $420,000; **Corresponding:** tasks 1-4, deliverables 1-2.

This is a continuation of an on-site professional services to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

3. **Contract name: Regional Bus Origin-Destination Survey (Independent Systems)**

   - **Contract PIN:** PTCS14E12; **FHWA PL number:** 100T-189;
   - **Start date:** 5/8/2014; **End date:** 5/31/2017;
   - **Contract amount:** $500,000; **Corresponding:** tasks 1-4, deliverables 1-2.

Professional Services will conduct survey of Bus transit system within the NYMTC region for the validation of the transit component of the BPM.

4. **Contract name: Regional Establishment Survey**

   - **Contract PIN:** PTCS13P14; **FHWA PL number:** 100T-176;
   - **Start date:** 8/14/2013; **End date:** 7/31/2016;
   - **Contract amount:** $1,491,559; **Corresponding:** tasks 1-4, deliverables 1-2.

Professional services will be utilized to capture characteristics of establishments and the travel behavior of its employees and visitors. The data will then be used to improve the destination choice subcomponent of the NYBPM.

5. **Contract name: Regional External Cordon Auto/Truck Origin-Destination Survey**

   - **Contract PIN:** PTCS14E12; **FHWA PL number:** 100T-189;
   - **Start date:** 5/8/2014; **End date:** 5/31/2017;
   - **Contract amount:** $500,000; **Corresponding:** tasks 1-4, deliverables 1-2.

Professional services will be used for collection and acquisition of External Cordon Data for the NYBPM 2012 Update. This data will be used in the validation and calibration of the NYBPM External Travel Subcomponent.

6. **Contract name: Regional River Crossings Origin-Destination Survey**

   - **Contract PIN:** PTCS14E12; **FHWA PL number:** 100T-189;
   - **Start date:** 5/8/2014; **End date:** 5/31/2017;
   - **Contract amount:** $1,000,000; **Corresponding:** tasks 1-4, deliverables 1-2.

Regional River Crossings O/D Survey of non-toll bridges within the NYMTC region to be used for BPM enhancement and other travel analysis.

7. **Contract name: Travel Survey Contractor I 2013-2014**

   - **Contract PIN:** PTCS12E12; **FHWA PL number:** 100T-175;
This is a continuation of an on-site professional services to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

8. **Contract name: Travel Survey Contractor I 2012-2013**
   - Contract PIN: PTCS12E12
   - FHWA PL number: 100T-175
   - Start date: 9/1/2013; End date: 12/31/2015
   - Contract amount: $100,000
   - Corresponding: tasks 1-4, deliverables 1-2

This is a continuation of an on-site professional services to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys. The Consultant will also aid in the development and quality control of the surveys, will perform analysis and reporting of the survey data.

MTA

1. **Contract name: NYCT Travel Survey**
   - Start date: 4/1/2013; End date: 3/31/2014
   - Estimated cost: $1,674,966
   - Corresponding: tasks 1-5, deliverables 1

### PREVIOUSLY PROGRAMMED FUNDS:

**NYMTC STAFF:** $4,437,000

This is an ongoing multi-year project with multiple professional services contracts, each contract is in a different status of progress.

New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**MTA:** $1,674,966

This is an ongoing multi-year project.

New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**NYCDOT:** $50,000

This is an ongoing multi-year project.

New York State procurement rules require funds to be fully programmed before contracts can be solicited.

### SUMMARY OF PROJECT FUNDING:

See following page.
Regional Travel Surveys (E03)

SFY 2015-2016
Total Project Funds: $6,881,432

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* NYS DOT includes Regions 8, 10, 11 and Albany Main Office
** NYMT C STAFF includes MHSTCC, NSTCC, NYCTCC and Central Staff
CATEGORY F: MPO Operations Projects
This category includes planning projects which support NYMTC’s operations as an MPO and its outreach to the media, to other agencies, to stakeholders and to the general public in its planning area. Activities include information exchange through visualization, through storing and retrieving planning data, and through day-to-day public outreach and coordination with media, public, members, and government agencies.

Highlights for the SFY 2015-2016 Program Year:

• The day-to-day operations of NYMTC's member agencies and staff in the implementation of the metropolitan transportation planning process will be managed.

• The activities of advisory working groups and PFAC and/or TCC subcommittees created for various aspects of the planning process will be supported.

• Technical capabilities for analysis tools, public information and visualization will be maintained.

• Public information will be developed, organized, displayed and distributed.

• NYMTC will continue to provide language access services for public involvement.

• An Annual Report will be developed.

• Development of the Transportation Information Gateway for data integration, management and visualization will continue.

Accomplishments for this Category in Recent Program Years:

• A new NYMTC website has been launched.

• The operation of various working groups and committees has been maintained.

• Technical capabilities for analysis tools and public information have been maintained.

• Public information has been developed, organized and distributed through a number of channels.

• Server capacity has been increased to support NYMTC’s website capacity for public information and visualization, and for models and post-processors supporting the planning process.

• Annual reports have been developed and distributed.
## Category F: MPO Operations

### Cost Summary

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F01: Supporting Services

EXPECTED STATUS AS OF APRIL 1, 2015:
Phase 2 of Transportation Information Gateway (TIG) development will be underway. A new website will have been launched at the end of CY 2014. Language access operating procedures will have been adopted in September 2014. The Project Information Management System (PIMS) will have migrated to NYMTC during the previous program year.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
Support will be provided for the NYBPM and post-processor and data management programs, including PIMS. Language access services and materials will be under development per the adopted operating procedures. Visualization capabilities will be maintained for the required products and analyses, and the new website. Development of the TIG project will continue.

PROJECT DESCRIPTION:
This project will provide support services to maintain NYMTC’s capabilities in key areas such as analysis tools, data storage and dissemination, public information and visualization in order to meet federal requirements in these areas, to undertake the required planning analyses and to make the planning process more inclusive and understandable.

PROJECT TASKS FOR THE STAFF:
1. (10%) Support the NYBPM and the post-processors and data management programs throughout the program year;
2. (15%) Develop language access services per the adopted operating procedures;
3. (10%) Maintain visualization services and capabilities for NYMTC’s products, analyses and website throughout the program year;
4. (20%) Support the use of the PIMS for the regional emissions analyses;
5. (25%) Continue Phase 2 of the TIG project throughout the program year;
6. (20%) Develop UPWP Management System.

PROJECT TASK FOR THE MEMBERS:
1. (80%) Participate in up to six progress meetings as part of the development of Phase 2 and review and comment on TIG components throughout the program year;
2. (20%) Assist in the development of language access services as needed, including review of materials and capabilities.
**PROJECT DELIVERABLES FOR THE STAFF AND THE MEMBERS:**

1. Work progress reported in quarterly progress report (Q1-4)

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract name:** Transportation Information Gateway (TIG) Development  
   Contract PIN: PTCS12P19; FHWA PL number: 100T-172;  
   Start date: 3/1/2013; End date: 9/30/2015;  
   Estimated cost: $800,000; Correspoding: task 5, deliverable 1-2.

The NYMTC will create a Transportation Information Gateway (NYMTC – TIG). The project will consist of determining hardware and software requirements and developing applications for input, storage, archival, query, and output via a browser based predefined Geographic Information System (GIS) and other non-GIS applications. The project will also consist of gathering and aggregating ITS data appropriate for planning use and for transportation system operations use.

2. **Contract name:** Fulfillment Services  
   Contract PIN: PTCS15F11, PTCS14F11; FHWA PL number: to be assigned;  
   Estimated start date: 9/1/2015; Estimated end date: 2 years after contract execution;  
   Estimated cost: $300,000; Corresponding: tasks 1-5, deliverable 1.

Professional services will be hired to support distribution lists, blast emails and faxes, mailings.

3. **Contract name:** GIS Web-Based Application Support Contractor  
   Contract PIN: PTCS12F12; FHWA PL number: 100T-170;  
   Start date: 1/25/2013; End date: 3/31/2014;  
   Estimated cost: $40,000; Corresponding: tasks 1-5, deliverable 1-2.

On going contract with professional services to support GIS Web-Based Applications.

4. **Contract name:** GIS Web-Based Application Support Contractor  
   Contract PIN: PTCS14F12; FHWA PL number: to be assigned;  
   Estimated start date: 1/1/2015; Estimated end date: 1 year after contract execution;  
   Estimated cost: $210,000; Corresponding: tasks 1-5, deliverable 1-2.

On going contract with professional services to support GIS Web-Based Applications.

5. **Contract name:** GIS Web-Based Application Support Contractor  
   Contract PIN: PTCS15F12; FHWA PL number: to be assigned;  
   Estimated start date: 1/1/2016; Estimated end date: 1 year after contract execution;  
   Estimated cost: $210,000; Corresponding: tasks 1-5, deliverable 1-2.

On going contract with professional services to support GIS Web-Based Applications.
6. **Contract name: IT Support Contractor**  
   Contract PIN: PTCS11F12; FHWA PL number: to be assigned;  
   Start date: 1/1/2014; Estimated end date: 1 year after contract execution;  
   Estimated cost: $287,000; Corresponding: tasks 1-5, deliverables 1-2.

   This contract will provide support services to maintain NYMTC technical capabilities.

7. **Contract name: IT Support Contractor**  
   Contract PIN: PTCS15F13; FHWA PL number: to be assigned;  
   Estimated start date: 4/1/2015; Estimated end date: 2 years after contract execution;  
   Estimated cost: $250,000; Corresponding: tasks 1-5, deliverables 1-2.

   This contract will provide support services to maintain NYMTC technical capabilities.

8. **Contract name: Language Access Services**  
   Contract PIN: PTCS14F13; FHWA PL number: to be assigned;  
   Estimated start date: 1/1/2015; Estimated end date: 2 years after contract execution;  
   Estimated cost: $400,000; Corresponding: task 2, deliverable 1.

   Professional Services are being used to develop the language access operating procedures.

9. **MHSTCC Supporting Services**  
   Contract PIN: PTMH14B11; FHWA PL number: 100T-187;  
   Start date: 5/1/2014; End date: 6/30/2017;  
   Estimated cost: $20,250; Corresponding: tasks 1-5, deliverable 1-2.

   This contract will provide support services to maintain MHSTCC technical capabilities.

### PREVIOUSLY PROGRAMMED FUNDS:

**NYMTC STAFF:** $1,507,250

This is an ongoing project with multiple professional services contracts, each contract is in a different status of progress. New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**NYCDOT:** $108,798

Ongoing multi-year project.

### SUMMARY OF PROJECT FUNDING:

See following page.
Supporting Services (F01)
SFY 2015-2016
Total Project Funds: $3,751,648

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<th>ROCKLAND</th>
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<th>WESTCHESTER</th>
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*NYSODT includes Regions 8, 10, 11 and Albany Main Office

**NYMTC staff includes MHSTCC, NSTCC, NYCTCC and Central Staff
F02: Program Development and Management

EXPECTED STATUS AS OF APRIL 1, 2015

All required activities completed during the SFY 2014-2015 program year.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:

Activities to support the operation of NYMTC as a metropolitan planning organization will continue during the program year, including:

a. Up to twelve operational meetings, four Principals’ briefings, two Council meetings, six PFAC meetings, twelve working group and/or subcommittee meetings, six public information sessions, six webinars and twelve Brown Bag presentations, including webinars, will be undertaken during the program year;

b. Up to twenty press releases and/or advisories will be developed and issued during the program year;

c. One Annual Report and twelve electronic bulletins will be developed and issued during the program year;

d. Up to fifty public requests for information and/or analysis results will be fulfilled.

e. Up to fifty press inquiries will be handled;

f. Publications will be reviewed and edited prior to distribution;

g. Distribution and media lists will be maintained and expanded, along with NYMTC’s website and social networking mechanisms;

h. Public information and announcements will be organized for at least two Council meetings, six PFAC meetings, twelve working group meetings, six public information sessions, six webinars and twelve Brown Bag presentations to be undertaken during the program year, and for up to fifty public comment periods related to NYMTC’s products and analyses;

i. Contact and collaboration will be maintained between the staff and the member agencies through the various public affairs offices. These activities may include contact and collaboration with surrounding metropolitan planning organizations and other regional organizations through the New York-Connecticut Sustainable Communities Consortium and the Metropolitan Area Planning (MAP) Forum.
PROJECT DESCRIPTION:
This project supports the day-to-day operations of NYMTC, through its member agencies and staff, in the implementation of the metropolitan transportation planning process. This project also supports activities of PFAC-created and other ad-hoc working groups and committees, and maintains NYMTC’s public affairs capability, which provides the main interface between NYMTC, the media, and the interested public for NYMTC’s planning process. It will undertake the development, organization, display and distribution of public information, including NYMTC’s monthly newsletter and biweekly events updates, for media relations and for fielding and fulfilling public inquiries, as well as organizing the public information and media aspects of NYMTC’s public meetings and public comment periods.

PROJECT TASKS FOR THE STAFF:

1. (5%) Participate in operational meetings and teleconferences throughout the program year related to MPO activities. Prepare materials and information in support of these meetings as needed;

2. (5%) Maintain the on-going dialogue among the principals. Organize and participate in briefings of the Principals throughout the program year. Prepare materials and information in support of these meetings as needed;

3. (5%) Organize and participate in twelve working group and/or subcommittee meetings throughout the program year. Prepare materials and information in support of these meetings as needed. Working groups include: Forecasting Working Group, Bicycle-Pedestrian Working Group, Freight Transportation Working Group, Metropolitan Mobility Network, Transportation Alternatives Program Working Group, and the Safety Advisory Working Group;

4. (10%) Maintain contact and collaboration with surrounding metropolitan planning organizations and other regional organizations through the New York-Connecticut Sustainable Communities Consortium and the Metropolitan Area Planning (MAP) Forum;

5. (5%) Organize and participate in six public information sessions, six webinars and twelve Brown Bag presentations throughout the program year. Prepare materials and information in support of these events as needed;

6. (5%) Ensure compliance of MPO activities with federal regulations throughout the program year;

7. (5%) Perform general administration and coordination of MPO activities throughout the program year;

8. (5%) Maintain and expand distribution and media lists, including the Regional Planning Corps, throughout the program year;

9. (5%) Develop, edit and distribute one Annual Report and monthly electronic bulletins, along with events updates each month, during the third and fourth quarters of the program year;
10. (5%) Develop, edit and distribute press releases and/or advisories throughout the program year. Review and edit all public information and products developed by NYMTC for public distribution throughout the program year;

11. (5%) Develop and maintain relationship with appropriate reporters, bloggers, and organizations to publicize NYMTC’s work throughout the program year;

12. (5%) Fulfill press inquiries and public requests for information and/or analysis throughout the program year;

13. (5%) Organize and distribute public information and announcements for Council and PFAC meetings, working group meetings, public information sessions, webinars and Brown Bag presentations throughout the program year;

14. (5%) Organize and distribute public information for public comment periods related to NYMTC’s products and analyses throughout the program year;

15. (5%) Maintain and enhance NYMTC’s website and social networking mechanisms throughout the program year;

16. (5%) Develop presentations and letters, memorandums and other materials, as appropriate, to support NYMTC’s operations and functions throughout the program year;

17. (5%) Respond to inquiries from elected officials and develop outreach materials on issues of importance to NYMTC and its members throughout the program year;

18. (5%) Coordinate public information, media, and outreach efforts for the Regional Travel Surveys throughout the program year;

19. (5%) Act as Records Access Officer for NYMTC and coordinate and respond to requests received through Freedom of Information Act inquiries, including coordination with appropriate member agencies throughout the program year.

**PROJECT TASKS FOR THE MEMBERS:**

1. (20%) Organize and participate in operational meetings and teleconferences throughout the program year related to MPO activities. Prepare materials and information in support of these meetings as needed;

2. (10%) Maintain the on-going dialogue among the principals. Organize and participate in briefings of the Principals throughout the program year. Prepare materials and information in support of these meetings as needed;

3. (20%) Organize and participate in twelve working group and/or subcommittee meetings throughout the program year. Prepare materials and information in support of these meetings as needed;
4. (20%) Organize and participate in six public information sessions, six webinars and twelve Brown Bag presentations throughout the program year. Prepare materials and information in support of these events as needed;

5. (15%) Ensure compliance of MPO activities with federal regulations throughout the program year;

6. (15%) Perform general administration and coordination of MPO activities throughout the program year.

PROJECT DELIVERABLES FOR THE STAFF AND MEMBERS:

1. Updated Media List; (Q4)
2. NYMTC Annual Report; (Q4)
3. Work progress reported in quarterly progress reports. (Q1-4)

RELATED PROFESSIONAL SERVICES CONTRACTS:

NYMTC STAFF

1. **Contract name:** Public Affairs Contractor
   - Contract PIN: PTCS15F15
   - Estimated start date: 10/1/2015
   - Estimated cost: $300,000
   - Corresponding: tasks 1-20, deliverables 1-3.

   New funds for NYMTC's public affairs contractor; provides the main interface between NYMTC, the media and the interested public for NYMTC's planning process.

2. **Contract name:** Website Improvement and Maintenance
   - Contract PIN: PTCS15F16
   - Estimated start date: 8/1/2015
   - Estimated end date: 1 year after contract execution
   - Contract amount: $100,000
   - Corresponding: tasks 1-6, deliverable 1.

   This professional services contract will support NYMTC Website.

3. **Contract name:** MHSTCC Tech Support
   - Contract PIN: PTMH14B11
   - Start date: 5/1/2014
   - Estimated cost: $20,250
   - Corresponding: tasks 1-6, deliverables 1.

   This professional services contract will support MHSTCC Program Development and maintenance.
**PREVIOUSLY PROGRAMMED FUNDS:**

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This is an ongoing multi-year project. The contracting process began later than expected. This process is now in progress. New York State procurement rules require funds to be fully programmed before contracts can be solicited.

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This is an ongoing multi-year project. The contracting process began later than expected. This process is now in progress. New York State procurement rules require funds to be fully programmed before contracts can be solicited.

**SUMMARY OF PROJECT FUNDING:**

See following page.
F03: Planning, Programming and Performance Management System (For NYMTC Staff Only)

EXPECTED STATUS AS OF APRIL 1, 2015:
Program reporting will have been submitted during the SFY 2014-2015 program year.

PLANNING ASSUMPTIONS FOR THE 2015-2016 PROGRAM YEAR:
Build out NYMTC’s Content Management System to be used for streamlining MPO operations in response to existing and future MAP-21 requirements.

PROJECT DESCRIPTION:
With the passage of MAP-21, new federal regulations for Performance Based Planning and Programming (PBPP) have raised the bar for producing NYMTC’s core products: Long Range Transportation Plan, Transportation Improvement Program, Unified Planning Work Program, Transportation Conformity, as well as solicitations for 5310, Transportation Alternatives Program and Congestion Mitigation Air Quality Program. NYMTC staff and its members need to develop tools to meet these new requirements under PBPP process as well as providing support for current product development. The staff and its members need to expand the use of its existing SharePoint website using tools that will enable them to integrate existing data from various data sources necessary to manage content used to generate the various federally mandated products.

PROJECT TASKS FOR THE STAFF:
1. (5%) Develop Scope of Work and Request for Proposal;
2. (5%) Review and document NYMTC Business Rules;
3. (10%) Automate workflows for Plan, TIP, Conformity and UPWP data gathering, electronically feeding information into the planning process following NYMTC’s Business Rules;
4. (15%) Enhance existing NYMTC SharePoint website to integrate or feed existing datamarts and websites, e.g. E-STIP, RTP, UPWP, PIMS, FMIS, TIG, and NYMTC.org;
5. (10%) Enhance NYMTC SharePoint website to become the central repository for all planning and programming products;
6. (3%) Digitally enforce strong record keeping to meet federal and state requirements;
7. (2%) Build long-term institutional memory through metadata and wiki sites;
8. (20%) Build SharePoint Websites for NYMTC Solicitations for CMAQ, 5310, TAP, etc…;
9. (15%) Migrate NYMTC 2010 SharePoint website into SharePoint 2013 site;

10. (15%) Host NYMTC SharePoint Website.

**PROJECT DELIVERABLES FOR THE STAFF:**

1. Request for Proposal
2. NYMTC Business Rules Document
3. Migrate from SharePoint 2010 to 2013
4. Host NYMTC Content Management System (NCMS)
5. Workflows for NYMTC Business Rules
6. Link NYMTC Core Planning Production websites into SharePoint
7. Digital Document Repository
8. NYMTC Wiki
9. Solicitation Websites

**RELATED PROFESSIONAL SERVICES CONTRACTS:**

**NYMTC STAFF**

1. **Contract Name:** SharePoint Architecture and Development  
   Contract PIN: PTCS15F17; FHWA PL number: to be assigned;  
   Estimated start date: 1/1/2016; Estimated end date: 3 years after contract execution;  
   Estimated Cost: $623,974; Corresponding: tasks 2, 3; deliverables: 1, 2.

Architecture includes organizational business rules and related work flows for implementation. Development applies the business rules and work flows to the constriction of the management system with connections to E-STIP, FMIS, TRAM, PIMS, visualization through Google Earth and ARC-GIS, and the planning products themselves.

**PREVIOUSLY PROGRAMMED FUNDS:**

None.

**SUMMARY OF PROJECT FUNDING:**

See following page.
Chapter IV

STRATEGIC PERFORMANCE PROJECTS
STRATEGIC PERFORMANCE PLANNING PROJECTS

(Category G)

Sponsor agency: NYMTC STAFF

G01 September 11th Memorial Program - Academic Element
G02 Community Workshops
G04 NY-NJ-CT Post-Sandy Transportation Vulnerability Assessment & Adaptation Analysis
G05 Scoping a Programmatic Mitigation Plan

Sponsor agency: NASSAU County

G01 Traffic Safety and Efficiency Study on Long Beach Road Corridor
G02 Land Use-Transportation Element of Comprehensive Plan
G03 NY NJ CT Post Sandy Transportation Vulnerability Assessment & Adaptation Analysis
G04 Nassau County Complete Streets Design Guidelines and Community Workshops
G06 Central Nassau County North/South Corridor Traffic Safety and Efficiency Study
G07 Grand Avenue Complete Streets Traffic Study (Baldwin LIRR Station Area)

Sponsor agency: NEW YORK CITY DEPARTMENT OF CITY PLANNING

G01 Transportation Investments to Support Affordable Housing
G02 Technology Corridor Transportation Assessment

Sponsor agency: NEW YORK CITY DEPARTMENT OF TRANSPORTATION

G01 South Williamsburg Area-wide Multimodal Traffic Congestion Study
G02 Springfield Gardens/ Rockaway/ JFK Area-wide Multimodal Transportation Study
G03 Area-wide Intermodal Transportation Analysis (Brooklyn and Queens)
G04 Growth Center Transportation Analysis
G05 Strategic Performance Planning Projects
G06 Comprehensive Planning to Advance the RTP Ped-Bike Element
G07 Neighborhood Transportation Study
G08 Downtown Jamaica Traffic Study
G09 Vision Zero Traffic Safety Analysis Methodology

Sponsor agency: SUFFOLK County

G01 Ronkonkoma Hub/Nicolls Road Corridor Parking Analysis

Sponsor agency: WESTCHESTER County

G01 Bee-Line Transit Improvement Studies - Routes 7 and 13
G02 Transit Signal Priority Study

Projects Deferred to Contingency

Sponsor agency: NEW YORK CITY DEPARTMENT OF TRANSPORTATION

G10 Canarsie Area-wide Transportation Study
G11 Transportation Investments to Support Affordable Housing
G12 Taxi Data Demonstration Project
Category G: Strategic Performance Planning Projects

This category includes the planning activities proposed to help NYMTC member agencies address issues related to:

1. Near-term planning activities in Plan 2040
2. Additional financing strategies per Plan 2040
3. Other Specifically identified activities in Plan 2040
4. 2013 CMP Status Report, or
5. NYMTC's implementation of national performance measures and goals per the requirements of MAP-21

Category G Cost Summary

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NYMTC Staff Projects

G01 September 11th Memorial Program – Academic Element

STRATEGIC BASIS:
Select internships and independent research projects related directly to one or several emphasis areas, shared goals and/or desired outcomes.

Project Description:

NYMTC has created a funding program to memorialize the contributions of the three NYMTC staff members who perished in the terrorist attacks of September 11, 2001. This program seeks to demonstrate our conviction that the best way to honor the victims of the September 11th attacks is to restore and improve what was destroyed that day. This project consists of the program’s academic component which assists students completing their education in specific career fields related to transportation and transportation planning, with the hope that they will pursue careers in our organization. Work carried out by the student interns and research assistants will consist of transportation planning work eligible for inclusion in the UPWP.

Begin Date 4/1/2015 End Date 9/1/2015

Project Tasks:

1. (20%) Convene and provide support to an evaluation and selection committee.
2. (50%) Participate with the committee in evaluating student intern and research assistant applications and proposals.
3. (10%) Convene an introduction meeting with selected students, project managers and UTRC.
4. (20%) Assist in coordinating members and selected student throughout program year.

Project Deliverables:

1. Committee developed rate and ranking process (Q1);
2. Final recommendation list of student interns and research assistants for PFAC approval (Q2);
3. Technical Memo on progress to initiate successful proposals (Q2);
4. Student research report (Q3).
Project Total Cost: $27,808

New FHWA/FTA funds $77,808
Previously Programmed Funds: $50,000
Related Professional Services Contracts: $50,000

This contract will provide schedule development, students stipends, academic program logistics and support.

G02 Community Workshops

STRATEGIC BASIS:

- GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS
  - Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

This project will complete a series of up to eleven half-day workshops targeted to community stakeholders in the fields of municipal government, planning, engineering, law enforcement, and education, business leaders, and interested citizens. Funds are requested in order to meet member requests for three categories of workshops: complete streets workshops, safe routes to school workshops, and parking management workshops. Each type of community workshop focuses on developing infrastructure improvements in selected areas of the community. They employ stakeholders in active problem solving processes that result in group recommendations for improvement. A consultant with in-depth knowledge of these subject areas will facilitate each workshop. The consultant works with the stakeholders to develop group recommendations and to present those recommendations in meeting reports specific to each workshop location.

Begin Date: 4/1/2015  
End Date: 3/31/2016
Project Tasks:

1. (5%) Work with the member agencies to identify appropriate locations to hold the workshops.
2. (10%) Review the site locations with the instructor and the local member hosts to identify the topics of discussion.
3. (50%) Implement the workshops.
4. (15%) Develop meeting summaries with recommendations.
5. (20%) Develop and maintain a web page of information about the workshops.

Project Deliverables:

1. Complete up to eleven workshops in different locations throughout the region (Q1,Q2).
2. Meeting summaries for each workshop.(Q2,Q3)
3. Completion of web page (Q4)

Project Total Cost: $197,257

New FHWA/FTA funds $197,257
Previously Programmed Funds: $35,000
Related Professional Services Contracts: $35,000

This contract will facilitate workshops, guide development of recommendations, logistics, support, and meeting reports.

STRATEGIC BASIS:

- **GOAL: IMPROVE THE RESILIENCY OF THE REGIONAL TRANSPORTATION SYSTEM**
  - Related Federal Emphasis Area: EMPHASIZE THE PRESERVATION OF THE EXISTING TRANSPORTATION SYSTEM.
**Project Description:**

The Federal Highway Administration (FHWA) is undertaking a study of transportation vulnerability and adaptation in the wake Hurricane Sandy. FHWA is undertaking this project in partnership with New York, New Jersey and Connecticut DOTs, in partnership with four MPOs: NYMTC, the North Jersey Transportation Planning Authority (NJTPA), the South Western Regional Planning Agency (SWRPA) and the Greater Bridgeport Regional Council (GBRC). The goal of this project is to assess the impacts of October 2012’s Hurricane Sandy, (and to some extent Hurricane Irene, Tropical Storm Lee, and the Halloween Nor’easter in 2011) on the transportation assets within the greater New York-New Jersey-Connecticut metropolitan region and identify adaptation strategies to increase the resilience of those assets to the impacts of extreme weather events and the possible future impacts of climate change. The project will also perform a gap analysis for the region, consolidate data sources and information, and identify critical areas and transportation assets generally.

Begin Date 4/1/2013  End Date 3/31/2016

**Project Tasks:**

1. (1%) Kickoff meeting and project plan-COMPLETED
2. (4%) Project management and stakeholder coordination and collaboration;
3. (25%) Conduct extreme weather impacts assessment;
4. (30%) Engineering assessment and adaptation analysis for representative set of transportation assets – COMPLETED;
5. (30%) Climate Change Vulnerability Assessment and Adaptation Analysis;
6. (10%) Final Report.

**Project Deliverables:**

1. Data and information repository. (Q4 2013-14)
2. Final Reports for the short-term and medium-term components for the pilot project. (Q4)

**Project Total Cost:** $89,509

New FHWA/FTA funds $89,509
Previously Programmed Funds: none
Related Professional Services Contracts: none
G05  Scoping a Programmatic Mitigation Plan

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

Project Description:

MAP–21 creates a new statutory framework for the optional development of programmatic mitigation plans as part of the planning process for use during the environmental review process. Use of these plans can expedite project development because the plans provide opportunities for early consideration of environmental resources at a statewide, regional, or corridor level and identify options for mitigating impacts to environmental resources. This project will develop the scope of a possible programmatic mitigation plan for NYMTC, in consultation with the FHWA and/or the FTA and with the agency or agencies with jurisdiction and special expertise over the resources being addressed in the plan.

Begin Date: 4/1/2015  End Date 3/31/2016

Project Tasks:

1. (25%) Consult with each agency with jurisdiction over the environmental resources considered
2. (25%) Make available a draft of the programmatic mitigation plan for review and comment by appropriate environmental resource agencies and the public
3. (25%) Consider comments received from such agencies and the public on the draft plan;
4. (25%) Address such comments in the final scope for the programmatic mitigation plan.

Project Deliverables:

1. Technical memo containing the final scope of a NYMTC programmatic mitigation plan (Q4)

Project Total Cost: $132,954

New FHWA/FTA funds: $132,954
Previously Programmed Funds: none
Related Professional Services Contracts: none

=================================================================================================
Nassau County Projects

G01 Traffic Safety and Efficiency Study on Long Beach Road Corridor

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

Project Description:

Long Beach Road is a major arterial on the Federal Aid System in south central Nassau County providing north/south connectivity between the City of Long Beach and the Village of Hempstead. It is also a coastal evacuation route. This approximately 12-mile corridor has AADT’s ranging from 70,000 at the Long Beach Road Bridge to 30,000 in northern Oceanside, and the characteristics of the roadway change from six lanes, with a center shared turn lane and parking shoulders on the southern end to two lanes near Hempstead. This project will conduct a traffic safety and efficiency study along the Long Beach Road corridor, focusing on the area in Oceanside and Island Park between the Island Park LIRR station and Sunrise Highway. The study will collect and analyze information on traffic volumes and patterns, accident data, roadway geometry,
signal timing, pedestrian activity, etc. The goal is to gain a firmer understanding of the choke points, safety issues, high-accident locations, etc. so that Nassau County can propose options to address these issues within available funding and Complete Streets requirements. These recommendations will help to improve overall safety for motorists and pedestrians and improve efficiency so that traffic flows smoothly along the entire length of the corridor and at each intersection, ensuring that signals are timed properly and the progression of signals is optimized and that the appropriate traffic control is implemented. It is also expected that implementing recommendations from this study will yield air quality benefits as a result of improved traffic flow through the corridor. Public outreach will be a key component in both identifying the issues and in developing recommendations the community will support.

Begin Date: 10/1/2012          End Date: 9/30/2015

**Project Tasks:**

1. (5%) Identify primary and secondary study areas along Long Beach Road corridor
2. (10%) Develop RFP for consultant services and execute contract
3. (20%) Conduct initial public outreach to help identify issues
4. (40%) Data collection, analysis and alternative(s) development
5. (10%) Present alternative(s) to public
6. (15%) Develop final recommendation(s) and issue final report.

**Project Deliverables:**

1. Corridor and study area definition and preliminary scope of work (Completed)
2. Execute consultant contract (Completed)
3. Tech Memo on Safety & Efficiency Issues raised by public and location (Q4 UPWP SFY 2013-2014)
5. Final Report, including revisions (Q2 UPWP SFY 2015-2016).

**Project Total Cost:** $57,897

New FHWA/FTA funds: none
Previously Programmed Unspent Funds: $57,897
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: $40,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.
G02 Land Use - Transportation Element of Comprehensive Plan

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **Increase the safety of the transportation system for motorized and non-motorized users.**

Project Description:

Relate potential transportation and mobility strategies to the land use patterns and policies established in the Nassau County Comprehensive Plan and the Regional Transportation Plan (Plan 2040), and update the transportation section of Nassau County’s Draft 2010 Comprehensive Plan. This activity will focus on both looking at the policy recommendations and implementation strategies that were identified in the 2010 Draft Plan to determine whether progress has been made and identifying new recommendations and strategies based on recent land use changes, Complete Streets guidelines, shifts in demographics and other trends, and the County's increased emphasis on resiliency following Superstorm Sandy.

Begin Date 1/2/2014               End Date 3/31/2015
Project Tasks:

1. (30%) Update the transportation section of the Draft 2010 County Comprehensive Plan;
2. (30%) Track the progress of implementing the policy recommendations and strategies identified in the Draft 2010 Plan;
3. (20%) Revisit/refine policies as noted above;
4. (20%) Lay the foundation for the next Comprehensive Plan Update.

Project Deliverables:

By Q3 UPWP FY 14/15, update relevant Census data, incorporate current NYMTC SED forecasts, update land use maps to reflect new development data, and incorporate recommendations from the Nassau Hub Transit AA/EIS and Nassau Coliseum Redevelopment initiatives. During UPWP FY 15/16 efforts will focus on incorporating defined Complete Streets guidelines and initial NYMTC 2050 SED forecasts into a future plan update.

Project Total Cost: $10,602

New FHWA/FTA funds: none
Previously Programmed Unspent Funds: $10,602
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: none

G03 NY-NJ-CT Post-Sandy Transportation Vulnerability Assessment & Adaptation Analysis

STRATEGIC BASIS:

• GOAL: IMPROVE THE RESILIENCY OF THE REGIONAL TRANSPORTATION SYSTEM
  o Related Federal Emphasis Area: EMPHASIZE THE PRESERVATION OF THE EXISTING TRANSPORTATION SYSTEM.
Project Description:

The Federal Highway Administration (FHWA) is undertaking a study of transportation vulnerability and adaptation in the wake Hurricane Sandy. FHWA is undertaking this project in partnership with New York, New Jersey and Connecticut DOTs, in partnership with four MPOs: NYMTC, the North Jersey Transportation Planning Authority (NJTPA), the South Western Regional Planning Agency (SWRPA) and the Greater Bridgeport Regional Council (GBRPA). The goal of this project is to assess the impacts of October 2012’s Hurricane Sandy, (and to some extent Hurricane Irene, Tropical Storm Lee, and the Halloween Nor’easter in 2011) on the transportation assets within the greater New York-New Jersey-Connecticut metropolitan region and identify adaptation strategies to increase the resilience of those assets to the impacts of extreme weather events and the possible future impacts of climate change. The project will also perform a gap analysis for the region, consolidate data sources and information, and identify critical areas and transportation assets generally.

Begin Date 4/1/2013          End Date 3/31/2016

Project Tasks:

1. (1%) Kickoff Meeting and Project Plan;
2. (4%) Project Management and Stakeholder Coordination and Collaboration;
3. (25%) Conduct Extreme Weather Impacts Assessment;
4. (30%) Engineering Assessment and Adaptation Analysis for Representative Set of Transportation Assets;
5. (30%) Climate Change Vulnerability Assessment and Adaptation Analysis;
6. (10%) Final Report.

(Note: the above tasks were those identified in the original work scope. However, once the project was underway additional tasks we added, including but not limited to, identification of local asset, refinement of local asset, development of scope targeted to refined local asset, conduct engineering assessment on refined local asset.)

Project Deliverables:

1. Data and information repository. (Q4 2013-14)
2. Identification of local asset. (Q1 2014-15)
5. Draft and Final Reports for the short-term and medium-term components for the overall pilot project. (Q1-Q3 2015-16)
Project Total Cost: $24,568

New FHWA/FTA funds: none
Previously Programmed Unspent Funds: $24,568
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: none

G04 Nassau County Complete Streets Design Guidelines and Community Workshops

STRATEGIC BASIS:

• GOAL: ENHANCE THE REGIONAL ENVIRONMENT
  o Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

• GOAL: IMPROVE THE REGIONAL ECONOMY
  o Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

• GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE
  o Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

• GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION
  o Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

• GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS
  o Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.
Project Description:

The Nassau County Legislature adopted Complete Streets legislation in 2013 that requires the Department of Public Works to consider all potential roadway users in the design of major right-of-way improvement projects. The County now seeks to, at minimum, host additional complete streets community workshops to engage local stakeholders in a collaborative effort to prepare and implement a comprehensive set of complete streets design guidelines to assist staff, both County and local agency, with an evaluation process for considering accessibility and mobility improvements. The County views this project as another building block in developing complete streets design guidelines that were first initiated by the Sustainable Communities Grant Program and then continued during UPWP FY 14/15 with the complete streets community workshops and design guidelines brainstorming workshop that took place in November 2014.

Begin Date 1/2/2014  End Date 3/31/2015

Project Tasks:

1. (10%): Develop RFP for consultant services and execute contract;
2. (10%) Working together with member agencies, identify appropriate focus areas for workshops and host up to three Complete Streets/Community Workshops;
3. (15%) Develop roadway and neighborhood typologies and identify feasible complete streets design alternatives;
4. (15%) Develop presentations with elements specific to each workshop location.
5. (10%) Develop group recommendations at each half-day workshop.
6. (10%) Report on observations and recommendations in a comprehensive report on each workshop;
7) (10%): Develop evaluation matrix/checklist for use by County DPW and local agency staff;
8) (10%): Prepare draft and final report including guidelines package;
9) (10%): Public Outreach [for duration of project].

Project Deliverables:

1) Execute consultant contract (Q1);
2) Organize and facilitate Complete Streets/Community Workshops and submit follow-up report(s) (Q2-Q3);
3) Tech Memo on typologies and complete streets components deemed feasible for county roadways (Q2);
4) Submission and review of evaluation matrix/checklist (Q3);
5) Draft and Final guidelines package (Q3);
6) Draft and Final Report (Q4);
7) Public Outreach Plan (Q2)
Project Total Cost: $161,308

New FHWA/FTA funds $0
Previously Programmed Unspent Funds: $161,308
Reason for unspent funds: Reprogrammed from another project
Related Professional Services Contracts: $100,000

This contract will provide data collection, analysis, public outreach and final guidelines package.

G06 Central Nassau County North/South Corridor Traffic Safety and Efficiency Study

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**
**Project Description:**

Central Nassau County is served by Mineola Blvd, Willis Ave, and Roslyn Road (The Corridor), which serve as the area's major north/south connectors serving over 40,000 vehicles per day and providing connectivity between major activity centers including Downtown Mineola, Downtown Williston Park, and The Nassau County government center. The Corridor links these core activity generators and job centers with the surrounding residential neighborhoods. North/south connectivity is an ongoing obstacle in Nassau County as the transportation network is geared to better serve east/west travel. As such, it is crucial that the limited north/south connectors operate as efficiently and safely as possible. Currently, the Corridor experiences periods of high volume and delay. In addition, this corridor is experiencing tremendous growth, both in terms of population (there are several new major residential developments recently completed, as well as proposed and in construction), and job creation (Winthrop University Hospital recently began construction on a new facility that will generate tremendous job growth) and retail business growth in the Downtowns. As the area continues to blossom, traffic is becoming more prevalent, and the conflicts between vehicular traffic and pedestrian movements is becoming more problematic. This project will be to conduct a traffic safety and efficiency study along the Corridor, focusing on the area from Old Country Road north to the Northern State Parkway. The major components of the study will be to collect and analyze information on traffic volumes and patterns, accident data, roadway geometry, signal timing, pedestrian activity, etc. The goal is to gain a firmer understanding of the choke points, safety issues, high-accident locations, etc., so that Nassau County can propose options to address these issues within available funding and consistent with Complete Streets requirements. These recommendations will help improve overall safety for motorists and pedestrians and improve efficiency so that traffic flows smoothly along the entire length of the Corridor and at each intersection, ensuring that signals are timed properly and the progression of signals is optimized and that the appropriate traffic control is implemented. It is also expected that implementing recommendations from this study will yield air quality benefits as a result of improved traffic flow through the Corridor. Finally, public outreach will be a key component in both identifying the issues and in developing recommendations the community will support.

**Begin Date:** 4/1/2015  
**End Date:** 3/31/2016

**Project Tasks:**

1. (5%) Identify primary and secondary study areas along the Corridor.
2. (10%) Develop RFP for consultant services and execute contract.
3. (20%) Conduct initial public outreach to help identify Corridor issues.
4. (40%) Data collection, analysis and alternative(s) development.
5. (10%) Present alternative(s) to public;
6. (15%) Develop final recommendation(s) and issue final report.
Project Deliverables:

1. Corridor and study area definition and preliminary scope of work (Q1 UPWP FY 2015-2016)
2. Execute consultant contract (Q1 UPWP FY 2015-2016)
3. Tech Memo on Safety & Efficiency Issues raised by public and location (Q2 UPWP FY 2015-2016)
4. Tech Memo on Draft Findings and Recommendations & Procurement checklist (Q3 UPWP FY 2015-2016)
5. Final Report, including revisions (Q4 UPWP FY 2015-2016).

Project Total Cost: $186,228

New FHWA/FTA funds: none
Previously Programmed Unspent Funds: $186,228
Reason for unspent funds: Reprogrammed from another project.
Related Professional Services Contracts: $150,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

G07 Grand Avenue Complete Streets Traffic Study (Baldwin LIRR Station Area)

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.
• GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION
  o Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

• GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS
  o Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

Grand Avenue is a major arterial running north-south through downtown Baldwin in the Town of Hempstead. Grand Avenue is bordered by a mix of uses, including single-family residential, multi-family residential, neighborhood retail and institutional (places of worship, schools). The LIRR Baldwin Station is centrally located along the Grand Avenue corridor and serves more than 2,700 westbound commuters on a normal weekday morning. Grand Avenue is also the middle segment of the 12-mile south shore evacuation route beginning on the Long Beach barrier island. The Nassau County Infill Redevelopment Feasibility Study, an initiative of the NY-CT Sustainable Communities Consortium, recently recognized the Baldwin LIRR station area as ripe for mixed-use development and improvements to walkability and pedestrian safety. The Baldwin LIRR station area was one of three station areas chosen to pilot transit-supported development. As part of the Infill Study, the County partnered with the Baldwin Civic Association to determine the economic impacts of implementing complete streets improvements along Grand Avenue from Milburn Avenue (northern limit) to Merrick Road (southern limit). The Infill Study found that similarly-scaled complete streets projects generated significant economic returns and leveraged additional private investment within the immediate area. This project will include an assessment of current traffic volumes, pedestrian activity, accident data and travel lane/intersection geometry. Existing conditions will be analyzed and recommendations will be developed to improve the accessibility and safety for all users including motorists, pedestrians and cyclists. The study will pay particular attention to improving access to the LIRR Baldwin Station, as well as increasing pedestrian connectivity along the mixed-use segments of Grand Avenue. Design concepts such as curb/sidewalk bump-outs, green infrastructure, lane reduction, signal timing modifications, lighting and intersection modifications will be assessed. Key Stakeholders, including local residents, business owners, New York State Department of Transportation, and the Town of Hempstead will be engaged as part of the public outreach process. Public engagement will include the vetting of design strategies and draft recommendations.

Begin Date: 10/1/2012

End Date: 9/30/2015
**Project Tasks:**

1. (10%) Develop RFP for consultant services and execute contract;
2. (30%) Prepare and initiate public engagement plan, Conduct field data collection;
3. (10%) Develop model of existing conditions;
4. (40%) Prepare design alternatives and vet with public;
5. (10%) Develop final recommendations and implementation schedule.

**Project Deliverables:**

1. Execute consultant contract (Q2 UPWP SFY2014);
2. Submission of Public Engagement Plan and Tech Memo on data collection methods (Q3-Q4, UPWP SFY 2014);
3. Submission of Existing Conditions model (Q4 UPWP SFY 2014);
4. Tech memo on design alternatives (prioritization and cost estimates) (Q1 UPWP SFY 2015);
5. Draft report & Procurement checklist (Q2 UPWP SFY2015);

**Project Total Cost:** $117,795

New FHWA/FTA funds none
Previously Programmed Unspent Funds: $117,795
Reason for unspent funds: Reprogrammed from another project.
Related Professional Services Contracts: $100,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

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New York Metropolitan Transportation Council

State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
New York City Department of City Planning Projects

G01 Transportation Investments to Support Affordable Housing

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

Project Description:

New York City is embarking on a major initiative to provide affordable housing across the five boroughs. As addressed in Housing New York: A Five-Borough Ten-Year Plan, strategic investments in transportation will be critical to building sustainable mixed-use communities for all New Yorkers. As part of the plan, the City will identify neighborhoods for targeted zoning changes and infrastructure investments to support the expansion of affordable housing. The first of these areas—East New York—was announced this spring, with additional areas expected to be announced later this year. Working closely with the Department of Transportation, DCP will undertake comprehensive studies targeting each of these proposed growth areas. By integrating transportation and land use planning, this effort directly supports the RTP’s goals of enhancing the regional environment (1-7) and regional quality of life (1-8). Furthermore, the neighborhood planning effort will help the region build the case for implementation resources, another RTP goal (1-11). In keeping with DOT’s Vision Zero initiative to combat traffic deaths and injuries, the goal of enhancing safety (1-10) will feature prominently in the planning process and recommended projects. DCP plans to initiate two NTS projects using UPWP funding in April 2015. Based on
ongoing discussions with communities and stakeholders, the two areas Southern Boulevard in the Bronx and the Empire Boulevard corridor in Brooklyn. Each NTS would begin with an intensive data collection effort and a problem identification discussion with area stakeholders. Based on analysis of traffic, pedestrian, transit, and other data and input from the community, DCP would then propose a set of improvement recommendations. After further review and input from area stakeholders, DCP, working closely with NYCDOT and other operating agencies, would develop and then implement a final plan. Short-term improvements could be implemented by NYCDOT in-house forces, while longer-term elements will be advanced through the City’s capital process. After implementation, the improvements would be evaluated for effectiveness and tweaked as necessary. The improvement recommendations will enable the transportation network to provide improved mobility for people living, working, or travelling through these regionally-significant growth areas.

Begin Date 4/1/2015
End Date 3/31/2016

**Project Tasks:**

1. Conduct data collection on traffic, pedestrian, and cyclists volumes and movements, as well as transit usage and travel times, curb usage, crashes, and other relevant metrics.
2. Existing Conditions: conduct an analysis of existing conditions within the NTS area, including land use, traffic, pedestrian, cyclist, and transit conditions, as well as regional connections.
3. Community Outreach: conduct outreach within the NTS area, including producing workshops on problem identification and potential improvements, as well as meeting with community boards and other stakeholders.
4. Potential Improvements: develop a draft set of potential improvements to address issues identified by the community and through the data analysis task.
5. Final Report: develop a refined set of recommendations plan based on community feedback.

**Project Deliverables:**

1. Six-month progress report as required;
2. Draft report & Procurement checklist;
3. Final report.

**Project Total Cost:** $400,000

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This contract will provide data collection, analysis, public outreach, development of final report.
STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

Project Description:

One recommendation of the Western Queens Transportation Study (PTCP14D00.G08) is a more detailed assessment of options available to create a multi-borough public transit connection from downtown Brooklyn to LaGuardia Airport. This corridor along the East River has already seen significant growth in the number of housing units created, and areas such as the Brooklyn Navy Yard and the Cornell Tech Roosevelt Island campus have been targeted for the creation of tech industry jobs. The corridor has relatively poor access to subways and express bus service, and there is no direct connection to LaGuardia Airport. DCP anticipates that as the corridor continues to grow, the market and demand for seamless, convenient, and fast transit service will also grow. The purpose of this study is to explore in more detail the transit options briefly mentioned in the Western Queens study. Working closely with City DOT and MTA, DCP will look at development trends, existing service, desired connection points, and the street network to develop service options for more detailed engineering analysis.

Begin Date 4/1/2015   End Date 3/31/2016
Project Tasks:

1. Data Collection
2. Existing Conditions
3. Community Outreach
4. Potential Improvements
5. Final Report

Project Deliverables:

1. Six-month progress report as required
2. Final report

Project Total Cost: $437,771

New FHWA/FTA funds $437,771
Previously Programmed Funds: none
Related Professional Services Contracts: none
New York City Department of Transportation Projects

G01 South Williamsburg Area-wide Multimodal Traffic Congestion Study

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

The South Williamsburg transportation study aims to relieve congestion, expand travel choices and enhance safety for all road users. The study focuses on an area that is experiencing significant growth as a result of major re-zonings. A major regional corridor (BQE) connecting the Williamsburg Bridge a significant portal to the Lower Manhattan CBD and growth center passes through the middle of the study area with on and off ramps in close proximity. Truck traffic in the area is also very high not only due to the presence of the Williamsburg Bridge but as a result of the land uses along the water front and on Kent Avenue. Because of area’s travel needs resulting from the various land uses the study will adopt a multimodal approach (transit access, trucks, auto, bikes and pedestrians) in its analysis and recommendations. The level of congestion during the peak hours on these corridors and the ramps connecting the local corridors is very high. The study will
provide input to the regional planning process and develop measures to improve travel condition in the area. It will coordinate with and build upon the Broadway Congested Corridor study that extends from Myrtle Avenue to Driggs Avenue that is currently underway.

This activity supports the regional goal to reduce congestion and enhance safety. Broadway a principal arterial which feeds into the BQE a regional facility that provides direct access to one of Manhattan Portals all experience congestion during rush hour peaks. Broadway traverses the study area. The ramps to and from the BQE are also congested as shown in the BPM congestion maps. Targeting these specifics segments and connectors to regional facilities will address congestion and contribute positively to improved air quality.

This study was previously programmed under PTDT14D00.G01.

Begin Date 4/1/2014  End Date 3/31/2016

Project Tasks:

Completed Prior to SFY 2015-
1. (10%) Conduct reconnaissance, literature search and draft detailed scope of work.(Q1 2014)
2. (5%) Public outreach Establish Technical Advisory Committee (TAC) and conduct TAC meeting (Q2 2014)
3. (5%) Conduct Public Meeting for community input (identification of issues and problem definition)(Q3 2014)
4. (15%) Data collection /Conduct survey of existing conditions (traffic, parking, pedestrian, street geometry etc.) (Q3 2014)
5. (10%) Analysis of existing conditions (Q4 2014)

Complete During SFY 2015-
6. (5%) Draft existing conditions report (Q1 2015)
7. (20%) Analysis of future conditions (Q1 2015)
8. (5%) Conduct TAC and Public Meetings on preliminary recommendations (Q2 and Q3 2015)
9. (15%) Develop and evaluate improvement measures (Q2 2015)
10. (5%) Draft final report with recommendations (Q3 2015)
11. (5%) Finalize final report (Q4 2015)

Project Deliverables:

Completed Prior to SFY 2015-
1. Detailed Scope of Work (Q1 2014)
2. Data Collection Plan (Q2 2014)

Complete During SFY 2015-
3. Tech. Memo 1 Analysis of Existing Conditions (Q2 2015)
5. Final Report (Q4 2015)
Project Total Cost:  $134,330

New FHWA/FTA funds = $none
Previously Programmed Funds:  134,330
Reason for unspent funds:  On-going multi-year project.
Related Professional Services Contracts:  $20,000
This contract will provide data collection, analysis, public outreach, and development of final recommendations.

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G02  Springfield Gardens/ Rockaway/JFK Area-wide Multimodal Transportation Study

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: Increase the safety of the transportation system for motorized and non-motorized users.
Project Description:

The goal of the Springfield Gardens /Rockaway Boulevard/JFK transportation study is to reduce congestion and vehicular conflicts while expanding transportation choices and enhancing safety. The study focuses on a primary area bounded by the Nassau expressway/Rockaway Boulevard which is the northern boundary of JFK International Airport, South Conduit Avenue a major regional facility and Springfield Boulevard, that is impacted by travel and trip characteristics in a broader secondary area. The area is home to many warehouse and manufacturing uses and other significant trip generating activity such as a DMV and the International Air Cargo (IAC) facility. Many of these uses attract significant truck traffic contributing to congestion and traffic circulation problems during the various peak hours on the main arterials (South Conduit Avenue, Nassau Expressway/Rockaway Boulevard and Farmers Boulevard). In light of the various land uses and travel needs the study will adopt a multimodal approach (transit access, trucks, auto, bikes and pedestrians) in its analysis and recommendations. The existing congestion, along with an irregular street network has led to the community expressing concerns about traffic conditions in the area. Community residents and elected officials have requested that the Department of Transportation conduct a comprehensive study of the traffic conditions. The study will address, among other items, the cumulative effects of the various developments planned for the area, along with any proposed traffic network changes. This study was previously programmed under PTDT14D00.G02.

Begin Date 4/1/2014  End Date 3/31/2016

Project Tasks:

Completed Prior to SFY 2015-
1. (10%) Conduct reconnaissance, literature search and draft detailed scope of work.(Q1 2014)
2. (5%) Public outreach Establish Technical Advisory Committee (TAC) and conduct TAC meeting (Q2 2014)
3. (5%) Conduct Public Meeting for community input (identification of issues and problem definition)(Q3 2014)
4. (15%) Data collection /Conduct survey of existing conditions (traffic, parking, pedestrian, street geometry, etc.) (Q3 2014)
5. (10%) Analysis of existing conditions (Q4 2014)

Complete During SFY 2015-
6. (5%) Draft existing conditions report (Q1 2015)
7. (20%) Analysis of future conditions (Q1 2015)
8. (5%) Conduct TAC and Public Meeting on preliminary recommendations (Q2-3 2015)
9. (15%) Develop and evaluate improvement measures (Q2 2015)
10. (5%) Draft final report with recommendations (Q3 2015)
11. (5%) Finalize final report (Q4 2015)

Project Deliverables:

Completed Prior to SFY 2015-
1. Detailed Scope of Work (Q1 2014)
2. Data Collection Plan (Q2 2014)

Complete During SFY 2015-
3. Tech. Memo 1 Analysis of Existing Conditions (Q1 2015)
5. Preliminary Recommendations and Improvement Measures (Q2 2015)
7. Final Report (Q4 2015)

Project Total Cost: $170,607

New FHWA/FTA funds none
Previously Programmed Funds: $170,607
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: $10,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

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G03 Area-wide Intermodal Transportation Analysis (Brooklyn and Queens)

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION...**
**IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

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**Project Description:**

The Area Wide Intermodal Transportation Analysis Study identifies locations on an annual basis that seeks to examine the existing and future transportation conditions citywide and develop recommendations/solutions to improve traffic circulation surrounding intermodal areas to provide access to transit and mobility surrounding the area.

The Area-wide Intermodal Transportation Analysis Study seeks to advance the shared regional goals by focusing on the performance of regional facilities and their impacts on the study area. The study area is bounded by Fulton Street/Atlantic Avenue to the north, 80th Street/Woodhaven Boulevard to the east, New Lots Avenue and Loring Avenue to the south, and Cleveland Street to the west. It is located along the Brooklyn/Queens border and includes a portion of East New York and Ozone Park. The study area falls within the boundaries of DCP’s Sustainable Communities East New York initiative which aims to increase development densities. The main arterials in the study area experience significant traffic congestion as they provide access to two regional facilities - the Belt Parkway and the Jackie Robinson Parkway. Other factors contributing to congestion include irregular street network and street geometry, heavy vehicles in the traffic stream, and railway (LIRR and Subway) facilities that create barriers to at-grade circulation. The three most congested corridors in the study area are Eldert Lane, Atlantic Avenue and North & South Conduit Avenues that cut across the study area diagonally; thus creating an irregular street network that results in bottlenecks in certain sections. The study will examine the existing and future transportation conditions and develop recommendations/solutions to improve traffic circulation; it will also test and evaluate appropriate measures of effectiveness (MOE).

This study was previously programmed under PTDT14D00.G06.

Begin Date 6/1/2013 End Date 9/30/2015

**Project Tasks:**

Completed Prior to SFY 2015-
1. (10%) Conduct reconnaissance, literature search and draft detailed scope of work (Q2 2013);
2. (10%) Public outreach Establish Technical Advisory Committee (TAC) and conduct TAC meeting, conduct Public Meeting for community input (identification of issues and problem definition) (Q1-3 2014);
3. (15%) Data collection /Conduct survey of existing conditions (traffic, parking, pedestrian, street geometry etc.)(Q1 2014);
4. (15%) Analysis of existing conditions/and evaluate MOEs and draft existing conditions report (Q2 2014);
5. (20%) Analysis of future conditions (Q3 2014);

Complete During SFY 2015-
6. (5%) Conduct TAC and Public Meetings on preliminary recommendations (Q1 2015);
7. (15%) Develop and evaluate improvement measures and evaluate MOEs (Q1 2015);
8. (5%) Draft final report with recommendations/roles and effectiveness of MOEs (Q1 2015);
9. (5%) Finalize final report (Q2 2015).

**Project Deliverables:**

Completed Prior to SFY 2015-
1. Detailed Scope of Work (Q2 2013);
2. Data Collection Plan (Q2 2013);
3. Tech. Memo 1 Analysis of Existing Conditions (Q3 2014);

Complete During SFY 2015-
5. Preliminary Recommendations and Improvement Measures (Q1 2015);
6. Draft Final Report (Q1 2015);

**Project Total Cost:** $34,910

- New FHWA/FTA funds $0
- Previously Programmed Funds: $34,910
- Reason for unspent funds: On-going multi-year project.
- Related Professional Services Contracts: none

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**G04 Growth Center Transportation Analysis**

**STRATEGIC BASIS:**

- **GOAL:** ENHANCE THE REGIONAL ENVIRONMENT
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION
IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

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**Project Description:**

This project will develop coordinated plans and strategies consistent with the Regional Transportation Plan framework (in conjunction with similar efforts by the NYC Department of City Planning). Strategic transportation planning efforts are required to accommodate anticipated growth in residential and non-residential uses. This activity will support NYMTC's efforts in advancing strategies to improve transportation at selected growth centers in the region as identified in the Regional Transportation Plan. It will provide a framework for more focused traffic and transportation studies leading to clear recommendations for transportation improvements and for coordination with developments and transportation projects in the area. The analysis efforts will focus on Downtown Jamaica. The study area previously identified was extended to Union Turnpike to the north to be consistent with that defined in "Fulfilling the Promise of Jamaica" conference held at York College on June 24, 2014 chaired by the Queens Borough President.

This broad level of transportation analysis aims to:
1. assess the current transportation conditions, constraints and needs within the study area and to identify the transportation connections external to the study area;
2. assess the projected impact of future development and population growth on the transportation system;
3. develop and present strategic transportation planning framework;
4. identify areas for in-depth traffic analysis based upon level of congestion determined by delays, volume to capacity ratios and queues; and
5. identify transportation strategies for reducing congestion, improving circulation and identifying specific areas for detailed traffic engineering analysis.

This study was previously programmed under PTDT14D00.G07.

Begin Date 7/1/2013 End Date 6/30/2016
Project Tasks:

Completed Prior to SFY 2015-
1. (10%) Conduct reconnaissance and develop detailed scope of work (Q3 2013);
2. (10%) Review relevant studies and project documents and conduct site visits to identify traffic and transportation issues (Q2 2014);
3. (25%) Revision to demographics, land use and traffic data and analysis addressing the enlarged study area (Q3 2014);
4. (10%) Evaluate travel needs and transportation constraints based on future demand (Q4 2014).

Complete During SFY 2015-
5. (15%) Identify areas for in-depth traffic analysis based upon level congestion determined by delays, volume to capacity ratios and queues (Q1 2015);
6. (25%) Identify transportation strategies for reducing congestion, improving circulation and parking, and draft transportation strategic plan (Q4 2015);
7. (5%) Finalize transportation strategic plan (Q1 2016).

Project Deliverables:

Completed Prior to SFY 2015-
1. Detailed scope of work for the Jamaica Growth Center (Q3 2013)
2. Demographics analysis (Q1 2014)
3. Land use and traffic network data collection, analysis and evaluation (Q2 2014)

Complete During SFY 2015-
4. Draft Transportation Strategic Plan (Q4 2015)
5. Final Transportation Strategic Plan (Q1 2016)

Project Total Cost: $56,848

New FHWA/FTA funds: none
Previously Programmed Funds: $56,848
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: none

G05 Strategic Performance Planning Projects

STRATEGIC BASIS:

- GOAL: ENHANCE THE REGIONAL ENVIRONMENT
  o Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION
**IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - **Related Federal Emphasis Area:** SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - **Related Federal Emphasis Area:** PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - **Related Federal Emphasis Area:** ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - **Related Federal Emphasis Area:** INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

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**Project Description:**

The projects in this program coincide with and are complementary to regional transportation goals and issues identified in the Regional Transportation Plan, and include areawide master planning and regional initiatives. The following activities will be developed under this planning activity:

I. The Sustainable Streets Index (SSI) is NYCDOT’s annual report on key agency performance metrics and citywide transportation indicators. Since 2008, the SSI has brought together independent data sources (such as the NYMTC Hub-Bound report) and conducted new analysis to reveal trends in New York City transportation. Key annual indicators include citywide bike traffic, CBD-bound vehicle traffic and transit ridership, non-CBD-bound traffic and transit ridership, and average Manhattan travel speeds measured by taxi GPS data feeds. As a reflection of DOT’s data-driven efforts to improve the safety and efficiency of the transportation network, the SSI directly supports the RTP’s goal of helping the region build the case for implementation resources (1-11).

II. Development of Measures of Effectiveness and Evaluation Framework for Freight - Across New York City, the challenges of freight movement are particularly acute. Freight trucks that have difficulty in parking often resort to double-parking in travel lanes, which only increases the problems of road congestion, especially on the narrow streets in residential neighborhoods. Residents, on the other hand, complain of noise and pollution, safety, parking problems and other disruptions to their quality of life brought on by freight delivery trucks. In response, freight trucks must negotiate a variety of restrictions on delivery routes, times and parking each day. The New York City Department of Transportation (NYCDOT) Office of Freight Mobility (OFM) is responsible for balancing a variety of stakeholders’ interests in how freight moves through the City. NYCDOT OFM has advanced a number of initiatives that include off-hour deliveries, delivery windows and truck routes. The project will build upon a conceptual freight measures of
effectiveness (MOE) framework and an Excel-based tool to quantify and monetize the potential impacts (benefits and costs) of proposed initiatives on the freight industry and the general public. The tool will develop a set of metrics to assess the benefits and costs of freight initiatives over time. The purpose of this study would be to conduct a series of case studies that would quantify and monetize improvements due to specific freight initiatives. This would continue to allow NYCDOT OFM to assess and report progress on ongoing freight initiatives with a view to gain support from local communities, the freight industry and other stakeholders. Desirable characteristics of freight MOEs are those which are: (1) Quantifiable: Data-driven MOEs provide objectivity and transparency in measuring impacts of initiatives. Precise quantification enables easy comparisons over time and allows for performance monitoring. An example of which is vehicle miles traveled (VMT), a measure that actually influences other MOEs. (2) Measureable: MOEs should also be readily measurable from existing databases or locally-collected surveys so that changes in performance of initiatives can be assessed over time. For example, pedestrian perceptions of safety while cannot be precisely quantified, they can be measured through survey techniques to understand the perceptions of pedestrians. (3) Tangible: Values and units of measure should have meaning for stakeholders. For example, converting tons of emissions into an equivalent number of cars on the road is a more tangible measure of environmental impact. (4) Monetizable (Potentially): Ideally, MOEs will serve as inputs into a Benefit-Cost Analysis (BCA) and be monetized to provide additional insight for OFM as part of a measure of long-term benefit. If MOEs cannot directly serve as inputs into a monetized benefit cost analysis, as long as MOEs are measurable they can be included in OFM’s decision process.

III. The Citywide Safety Research, Planning & Analysis Program provides comprehensive safety planning in New York City and incorporates and continues work previously performed in PTDT10D00.H01, PTDT10D00.H04, PTDT12D00.H06 and PTDT14D00.G11 (III) by obtaining, enhancing, and maintaining safety data from multiple sources, conducting periodic (annual) and continuing analyses of safety related data to support the identification of high accident/injury locations; prioritizing projects and developing plans to improve safety at these locations/corridors; assessing project effectiveness; maintaining and upgrading analytical tools for safety analysis; and conducting specific safety research projects. Safety research projects may include a health outcomes evaluation of injury crashes, an analysis of the impact of alcohol/intoxication in driver, pedestrian, and bicyclist fatalities, and an analysis of the impact of safety. The proposed activity includes planning functions such as data collection and analysis, report writing, community outreach and inter agency coordination. NYC Traffic Safety Data Viewer will have continued enhancement for safety analysis. The planned enhancements include new analytic capabilities such as pre-crash actions and directions for all parties involved and to have the front end Adobe Flex code re-written in JavaScript and HTML5 to ensure ongoing web browser support. These studies were previously programmed under PTDT14D00.G11.

Begin Date 4/1/2015 End Date 9/30/2016

Project Tasks:

I. Sustainable Street Index

1. (25%) Data Collection: conduct data collection on traffic, pedestrian, and cyclists volumes and
movements, as well as transit usage and travel times, curb usage, crashes, and other relevant metrics. (Q1 2015);
2. (25%) Data Analysis: conduct an analysis of traffic and transit trends in New York City, using a variety of data sources. (Q2 2015);
3. (25%) Report Preparation and Design: present the indicators in a form that is comprehensible to a wide audience. (Q2 2015);
4. (25%) Report Printing and Distribution: finalize the document and distribute to key stakeholders. (Q3 2015).

II. Measures of Effectiveness for Freight Initiatives

Completed Prior to SFY 2015-
1. (11%) Create 24-hour Truck Profile (Q3 2014);
2. (17%) Draft Annual Freight Publication (Q4 2014);

Complete During SFY 2015-
3. (9%) Draft Trade Publication Articles (Q1 2015);
4. (63%) Develop Freight MOE Tool (Q2 2015);

III. Citywide Safety Research, Planning & Analysis Program

1. (50%) Safety Data – Assemble, enhance, maintain and analyze safety data from NYPD, NYSDOT, NYSDMV and other sources, identifying High Crash Locations, Borough High Priority Sites, and locations with a high incidence of traffic crashes, and develop plans for these locations consistent with the RTP. Work with City and State agencies to improve data quality. Coordinate plans in consultation with stakeholders for sites identified as requiring safety improvements, and with other projects in area. Design and implement improvements to the analysis methods and tools. (On going throughout study)
2. (10%) Prepare Safety Updates documents Tech Memo. (On going throughout study)
4. (20%) Plan street improvement projects to improve safety for all users, using techniques outlined in NYCDOT design documents and as called for by the NYC Pedestrian Safety Study & Action Plan, including High Crash Locations and other safety programs. (On going throughout study);
4. (20%) Research & Analysis On an ongoing basis conduct research and data analysis, coordination and support activities building on the Pedestrian Safety Data Analysis Project and the Analysis of Traffic Calming Measures Project. Provide data and analysis to support regional as well as local safety initiatives. Maintain and upgrade safety and crash analysis tools to support analysis and planning process.

Project Deliverables:

I. Sustainable Street Index
1. Project Outline and Schedule (Q1 2015);

II. Measures of Effectiveness for Freight Initiatives
1. 24-hour Truck Profile (Q3 2014);

Complete During SFY 2015-
3. Trade Publication Articles (Q1 2015);
4. Freight MOE Tool (Q2 2015);
III. Citywide Safety Research, Planning & Analysis Program
1. High Pedestrian Crash Locations Report (Q2 2015);
2. Bike Crash Data Report (Q2 2015);

Project Total Cost: $185,002

New FHWA/FTA funds $0
Previously Programmed Funds: $185,002
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: none

G06 Comprehensive Planning to Advance the RTP Ped-Bike Element

STRATEGIC BASIS:

• **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  o Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

• **GOAL: IMPROVE THE REGIONAL ECONOMY**
  o Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

• **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  o Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

• **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  o Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

• **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  o Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**
Project Description:

The goal of the Pedestrian Network Development Program within NYCDOT is to create streetscapes that are inviting to and safe for pedestrians of all ages and abilities; to calm traffic; and to strengthen non-motorized connections between residential areas, transit, and retail districts. NYCDOT will contribute to meeting the region’s goals, as stated in Plan 2040, of “Enhancing the regional environment” through improved air quality from reduced vehicle usage; “Improving the regional economy” by creating streets and plazas that draw users both locally and regionally, such as the transformation of Madison and Times Squares; and “Improving the quality of life” by creating complete streets that increase the availability and safety of walking, biking, and the ability of residents and visitors alike to enjoy public space. NYCDOT’s Pedestrian Project Group (PPG) will develop plans for selected corridors/neighborhoods as outlined in the RTP. Improvements will be planned for Shared Land Use designations areas in the RTP: DUMBO in Brooklyn, Sherman Avenue/Broadway in Manhattan, Grand Avenue in Queens. These plans will have the goal of creating safe access for all users, calming traffic, and strengthening non-motorized connections between residential and retail districts, in a manner that is consistent with RTP goals and Complete Streets guidelines. The Pedestrian Projects Group will study locations throughout the city to develop improvement recommendations where particular pedestrian problem areas are identified. Locations will be selected through the regular surveying of complex intersections and in response to expressed community needs. Under this study, PPG staff will develop plans based on comprehensive traffic and safety analysis for pedestrian and bicycle facilities to provide residents with alternative means of accessing employment, commercial districts, and transit, as encouraged by Plan 2040. It is expected that the planning study will develop recommendations that may include physical improvements, such as widened sidewalks and neckdowns, improved crosswalks, regulatory and informational signs, and the addition of lighting and landscaping, as well as operational improvements, such as changes in signal timing, curb regulations, and bicycle facilities upgrades. The study will be an integrated planning process by NYCDOT whereby necessary surface and sub-surface infrastructure improvements will be expanded to become pedestrian projects through additional data collection, analysis, community outreach, and design. This study will capitalize on the flexibility of the Pedestrian Projects Group to capture opportunities as they present themselves. This study was previously programmed under PTDT14D00.G14.

Begin Date 4/1/2014 End Date 3/31/2017

Project Tasks:

1. (5%) Project Initiation and Scope Development: The Pedestrian Projects Group will select up to 3 locations for each of 3 fiscal years as referenced or specified in the RTP (Shared Land Use designations areas) where community groups, boards, or elected officials have indicated that there are safety concerns and have requested DOT’s assistance in developing plans to address existing safety and access problems at complex intersections. NYCDOT will conduct site visits and prepare a scope of work for each area. (Q1 2015)
2. (15%) Data Collection: PPG will gather vehicular and pedestrian traffic data, field measurements, and crash data and develop an existing conditions base map with traffic directions, parking regulations, transit access, sidewalk and roadway widths, and striping configuration. Review previously collected data and gather any additional data needed for a complete project review. (Q2 2015)

3. (10%) Initial Community Outreach: PPG will meet with the local community members, boards and elected officials to clarify their goals and objectives for the 3 community locations. Meetings will include blank slate workshops and/or community walk-throughs. (Q2 2015)

4. (15%) Synthesize Inputs: Data analysis of existing conditions for selected locations and plus a breakdown of community input. (Q3 2015)

5. (20%) Preliminary Recommendations: Develop preliminary recommendations and plan alternative for selected locations. (Q3 2015)

6. (5%) Community Presentation: Present preferred alternative and recommendations to community for the 3 community locations. (Q4 2015)

7. (20%) Refine Plan: Refine preferred alternative based on community input and draft final recommendations for all locations and reviews. (Q4 2015)

8. (5%) Final Community Outreach: Present final recommendations to the community. (Q4 2015)

9. (5%) Final Plan: Complete final recommendations for all locations. (Q4 2015)

**Project Deliverables:**

1. Pedestrian Network Scope of Work (up to 3 community requested per fiscal year for 3 years) (Q1 2015)
2. Data Collection Plan (Q2 2015)
3. Existing conditions analysis of 3 selected locations, including community comments (Q3 2015)
4. Preliminary Recommendations (Q3 2015)
5. Community Outreach materials and presentations (Q4 2015)
6. Final Recommendations (Q4 2015)

**Project Total Cost:** $193,603

- New FHWA/FTA funds: $0
- Previously Programmed Funds: $193,603
- Reason for unspent funds: On-going multi-year project.
- Related Professional Services Contracts: 26,667

This contract will provide data collection, analysis, public outreach, and development of final recommendations.
G07 Neighborhood Transportation Study

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**  
  o Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**  
  o Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**  
  o Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**  
  o Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN Modes, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**  
  o Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

Project Description:

The Neighborhood Transportation Study (NTS) is a participatory planning effort designed to address a range of issues within a neighborhood-level area. Guided by community input, the NTS focuses on a cluster of transportation issues; including transit access, bike network connectivity, pedestrian, cyclist, and motorist safety, curb management, and traffic congestion, within a single regionally-significant area of New York City. NYCDOT has previously conducted NTSs in Jackson Heights in Queens and Chinatown in Manhattan. The current NTS is focused on Washington Heights in Upper Manhattan. The study will address issues created by the major regional transportation facilities situated in the area: the George Washington Bridge, GWB Bus Station, and Interstate 95. The study will be closely coordinated with the Port Authority, which is undertaking its own analysis related to its ramp and bus station reconstruction projects. Short-term improvements will be implemented by DOT in-house forces, while longer-term elements will be advanced through the City’s capital process. After implementation, the improvements would be evaluated for effectiveness and tweaked as necessary. The improvement
recommendations will enable the transportation network to provide improved mobility for people living, working, or travelling through these regionally-significant growth areas. This study was previously programmed under PTDT14D00.G15.

Begin Date 4/1/2014 End Date 9/30/2015

Project Tasks:

Completed Prior to SFY 2015-
1. (10%) Data Collection: conduct data collection on traffic, pedestrian, and cyclists volumes and movements, as well as transit usage and travel times, curb usage, crashes, and other relevant metrics. (Q3 2014)
2. (20%) Existing Conditions: conduct an analysis of existing conditions within the NTS area, including traffic, pedestrian, cyclist, and transit conditions, as well as regional connections. (Q3 2014)
3. (20%) Community Outreach Phase I: conduct outreach within the NTS area, including producing workshops on problem identification and potential improvements, as well as meeting with community boards and other stakeholders. (Q4 2014)
4. (20%) Potential Improvements: develop a draft set of potential improvements to address issues identified by the community and through the data analysis task. (Q4 2014)

Complete During SFY 2015-
5. (10%) Community Outreach Phase II: conduct outreach within the NTS area, including producing workshops on potential improvements, as well as meeting with community boards and other stakeholders. (Q1 2015)
6. (20%) Final Report: develop a refined set of recommendations plan based on community feedback. (Q2 2015)

Project Deliverables:

Completed Prior to SFY 2015-
1. Community Outreach Meeting Reports: summarizing feedback received during the outreach process. (Q2-4 2014)
2. NTS Web Portal and other outreach materials: providing project information to the public and opportunities for on-line feedback. (Q2 2014)
3. Existing Conditions Presentation: summarizing data collection and results of data analysis. (Q3 2014)
4. Potential Improvements Presentation: detailing improvement options and potential benefits and impacts of each. (Q4 2014)

Complete During SFY 2015-
5. Community Outreach Meeting Reports: summarizing feedback received during the outreach process. (Q1 2015)
7. Final Report: final recommendations and proposed next steps. (Q2 2015)

**Project Total Cost:** $134,719

- New FHWA/FTA funds: $0
- Previously Programmed Funds: $134,719
- Reason for unspent funds: On-going multi-year project.
- Related Professional Services Contracts: $35,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

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**G08 Downtown Jamaica Traffic Study**

**STRATEGIC BASIS:**

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**
  - THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.
Project Description:

Downtown Jamaica a major Central Business District (CBD) in southeast Queens has experience significant growth and land use changes in the past decade after some years of decline. The Greater Jamaica Development Corporation (GHDC) which was formed in 2000 to spur private and public sector investment issued “A Vision for Jamaica Center” providing a framework for commercial development and transportation improvements for the area. In 2007 the Jamaica Plan and associated rezoning facilitated the implementation of many projects. The increased densities and commercial activity have generated more traffic in an already congested CBD. This has prompted the City Council to enquire as to when NYCDOT will conduct a Jamaica Center traffic study. Queens BP organized a conference in summer 2014 to initiate ideas and projects towards the creation of a Jamaica Action Plan. Issues discussed at the conference “Fulfilling the Promise of Jamaica” among others were traffic congestion, parking and difficulties accessing other parts of Queens. To address some of these concerns and to support the broader Jamaica Action Plan effort NYCDOT is undertaking a Downtown Jamaica Traffic Study which aims to relieve congestion and improve air quality, and will also enhance safety for all road users through capacity enhancements and TDM. The broad study area will be consistent the area identified in the “Fulfilling the Promise of Jamaica” document, i.e. Union Turnpike to the north, Linden Boulevard to the south, Farmers Boulevard/188th Street to the east and Van Wyck Expressway to the west. However a smaller primary traffic analysis area will be defined following a detailed reconnaissance. The study will conduct and comprehensive analysis of the area existing and future travel demand and develop coordinated plans and strategies consistent with the NYMTC’s RTP in which Downtown Jamaica is identified as a desired growth area.

Begin Date 1/1/2015 End Date 3/31/2017

Project Tasks:

1. (10%) Conduct reconnaissance, literature search and draft detailed scope of work. (Q4 2014-Q1 2015)
2. (5%) Public outreach - establish Technical Advisory Committee (TAC) and conduct TAC meeting (Q2 2015)
3. (5%) Conduct Public Meeting for community input (identification of issues and problem definition) (Q3 2015)
4. (15%) Data collection/conduct survey of existing conditions (traffic, parking, pedestrian, street geometry etc.) (Q3 2015)
5. (10%) Analysis of existing conditions (Q4 2015)
6. (5%) Draft existing conditions report (Q1 2016)
7. (20%) Analysis of future conditions (Q2 2016)
8. (5%) Conduct TAC and Public Meeting on preliminary recommendations (Q2-3 2016)
9. (15%) Develop and evaluate improvement measures (Q3 2016)
10. (5%) Draft final report with recommendations (Q3 2016)
11. (5%) Finalize final report (Q4 2016)
Project Deliverables:

1. Detailed Scope of Work (Q1 2015)
2. Data Collection Plan (Q3 2015)
3. Technical Memo 1 Analysis of Existing Conditions (Q1 2016)
5. Final Report (Q4 2016)

Project Total Cost: $217,711

New FHWA/FTA funds $0
Previously Programmed Funds: $217,711
Related Professional Services Contracts: $25,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

G09 Vision Zero Traffic Safety Analysis Methodology

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.
GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS

- Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

To facilitate the accomplishment of the Mayor’s aspirational Vision Zero goal with respect to reducing traffic fatalities by 2024, it is necessary to deepen our understanding of the various characteristics of crashes including causality. Since there are many contributing factors to crashes it is imperative that they be evaluated and weighted in any analysis. By definition the function and characteristics of roadways speak to significant differences in operating conditions for vehicles. Since the street network is designed to be used by people who are either, walking, cycling or driving the importance of people’s behavior cannot be over emphasized.

The objective of this research effort is to develop a clear methodology with criteria for:

a) Analyzing crashes
b) Aligning NYC crash analysis with the Federal and State methodologies to facilitate meaningful comparisons for example using accident rates.

c) Identifying geographic areas and specific locations for targeted actions.
d) To use this tool (methodology) to make recommendations and develop improvement measures.

The research approach will involve the following:

- Scan the environment to focus on all reportable crashes in the city for the most recent three years.
- Identify roadway segments for each functional class (3-5 samples) representative of the average number of crashes in the city. The functional classes are: Principal (major signalized) Arterials with and without regional reach, Minor Arterials, Collectors and Local access streets.
- Demographics and Population Density, identify roadway segments in areas with different development density using three or four categories (high, medium high, medium low and low) given in persons per square mile or other appropriate measure
- Identify various Land-Uses fronting the corridors with significantly different trip generation rates for all modes.
- Conduct analysis to determine the relationships and interdependencies of, the type of corridors (functional class), population density, land use and crashes.
- Display information in GIS
- Develop a common denominator (accident rates) comparable to that used by the Feds and the State.

The proposal supports the Regional Goal: Enhance the Safety and Security of the Transportation System for both motorized and non-motorized users, by developing comprehensive access to safety-related data; developing a regional approach to safety related analysis. Each of the major bullets above represents a milestone and deliverable.

Begin Date 4/1/2015 End Date 3/31/2017
Project Tasks:

1. (10%) Conduct reconnaissance, literature search and draft detailed scope of work. (Q1 2015)
2. (10%) Identify and map roadway segments of each functional class with various sample densities and land uses. (Q2 2015)
3. (15%) Construct accident analysis matrix and statistical analysis with crashes and weighted factors for significant variables. Determine the relationships and interdependencies of the type of corridors (functional class), population density, land use and their impacts on crashes outcomes. (Q4 2015)
4. (15%) Develop mapping capability and prepare GIS maps with relevant information and results. (Q1 2016)
5. (10%) Statistical determination of accident rates. (Q1 2016)
6. (15%) Draft report with results and accident rates and a handbook of the methodology and a guide to its use. (Q2 2016)
7. (20%) Draft final report (Q3 2016)
8. (5%) Finalize final report (Q4 2016)

Project Deliverables:

1. Detailed Scope of Work (Q1 2015)
2. Roadway Data Extraction (Q2 2015)
3. Preliminary Results of Investigation and Analysis (Q4 2015)
4. GIS maps (Q1 2016)
5. Statistical Determination of Accident Rates and Other Factors (Q1 2016)
6. Draft Report and Hand Book of methodology (Q2 2016)
7. Draft Final Report (Q3 2016)
8. Final Report (Q4 2016)

Project Total Cost: $244,097

New FHWA/FTA funds: $244,097
Previously Programmed Funds: none
Related Professional Services Contracts: none
Suffolk County Project

G01 Ronkonkoma Hub/Nicolls Road Corridor Parking Analysis

STRATEGIC BASIS:

- GOAL: ENHANCE THE REGIONAL ENVIRONMENT
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- GOAL: IMPROVE THE REGIONAL ECONOMY
  - Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

- GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE
  - Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

- GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION
  - Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

- GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS
  - Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

This Nicolls Road corridor traverses the island in western Suffolk County through the Towns of Islip and Brookhaven. The corridor is presently under study to be reconfigured to incorporate a FHWA-funded bus rapid transit (BRT) BRT route. BRT includes components such as bus lanes, transit signal priority, queue jumps and real time passenger info in order to produce a high-quality mass transportation option to encourage decreased auto usage. The BRT service would operate from Stony Brook to Patchogue with a branch to Ronkonkoma LIRR station making stops at key traffic generators. In conjunction with this effort an assessment of parking demand and opportunities for development including kiss and ride, park and ride and parking facility construction should be conducted. A particular emphasis will be placed on how the BRT could function to mitigate increased parking needs at the Ronkonkoma LIRR station which is anticipated to become a transit oriented development (TOD) and the Patchogue Station, which will become an intermodal terminal serving numerous local routes and the BRT. It is anticipated that the inclusion
of parking considerations will help support economic development and will make BRT a more favorable option for residents that would otherwise operate single occupancy vehicles to and from their destinations. This study will build upon existing funding commitments by the County, and regional planning efforts including the recently completed Suffolk County BRT Feasibility Study, the ongoing Nicolls Road Alternatives Analysis Study, the New York Metropolitan Transportation Council’s (NYMTC) Plan 2040 Regional Transportation Plan, the 2014-2018 NYMTC Transportation Improvement Program, the Strategic Economic Development Plan for Nassau and Suffolk Counties, Suffolk County’s Master Plan 2035, and the Sagtikos Regional Development Zone’s Analysis.

Begin Date 4/1/2015 End Date 3/31/2016

**Project Tasks:**

Task 1: Data Collection & Analysis (33%)
Task 2: Preliminary Design (33%)
Task 3: Environmental Assessment (33%)

**Project Deliverables:**

- Draft technical memorandum including tables summarizing supply, occupancy, turnover, and mean duration by vehicle classification and curb activities, as well as, parking impacts and plans describing how present and anticipated parking demand can be accommodated; (Q3 2015)
- "Order of Magnitude Capital Costs" Estimate; (Q4 2015)
- Draft technical memorandum summarizing NEPA/SEQRA classification, impacts, and possible required permits; (Q1 2016)
- Draft Final Report: final recommendations and proposed next steps & Procurement checklist; (Q4 2015)
- Final Report. (Q1 2016)

**Project Total Cost:** $125,000

New FHWA/FTA funds $125,000
Previously Programmed Funds: $0
Related Professional Services Contracts: $125,000

This contract will provide data collection, analysis, public outreach, and development of final recommendations.
Westchester County Projects

G01 Bee-Line Transit Improvement Studies – Routes 7 and 13

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

Project Description:

The Bee-Line Routes 13 and 7 are among the busiest transit routes in the Bee-Line system, respectively carrying approximately 1.4 and 2.2 million annual riders. Both are critical east-west links. The Route 13 travels in the Route 119/White Plains Road/Tarrytown Road/Westchester Avenue Corridor and the Route 7 connects the cities of Yonkers, Mount Vernon and New Rochelle, traveling on Yonkers Avenue, Lincoln Avenue and several other local roads.

Begin Date 4/1/2014 End Date 3/31/2016

Project Tasks:

WCDPW&T staff:
Develop RFP (2nd q 2014-15)(5%)
Issue RFP and select consultant (3rd q 2014-15)(5%)
Consultant:
Task 1 - Data collection and analysis of existing conditions (1st q 2015-2016) (25%)
Task 2 - Identify transit improvements (2nd q 2015-2016) (30%)
Task 3 - Public outreach (2nd and 3rd q 2015-2016) (10%)
Task 4 - Final Report (4th q 2015-2016) (25%)

Project Deliverables:
1) RFP to procure a consultant; (2nd q 2014-15)
2) Data collected and summary of existing conditions memo; (2nd q 2015-2016)
3) Summary of recommended transit improvements memo; (3rd q 2015-2016)
4) Draft Final Report & Procurement checklist; (4th q 2015-16)
5) Final report. (4th q 2015-16)

Project Total Cost: $230,270

New FHWA/FTA funds: $30,270
Previously Programmed Funds: $200,000
Reason for unspent funds: On-going multi-year project.
Related Professional Services Contracts: $30,270

This contract will provide data collection, analysis, public outreach, and development of final recommendations.

G02 Transit Signal Priority Study

STRATEGIC BASIS:
- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**
- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**
- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**
GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS

- Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.

Project Description:

This project will involve an assessment of the potential for implementing Transit Signal Priority in the Route 1 Corridor in the City of New Rochelle. Several Bee-Line bus routes operate in the Route 1 corridor in New Rochelle. The City has expressed interest in this project as a way to reduce travel speeds, decrease traffic congestion, improve air quality and enhance the customer experience.

Begin Date 4/1/2015  End Date 9/30/2017

Project Tasks:

Develop and issue RFP to procure a consultant (1st quarter 2015-16)(5%)
Select consultant (2nd quarter 2015-16)(5%)
Perform Bee-Line run time analysis for Route 1 (3rd quarter 2015-16)(20%)
Identify intersections where TSP would benefit bus service (4th quarter 2015-16)(20%)
Identify travel time savings and costs (1st quarter 2016-17) (20%)
Prepare final report identifying a TSP system for the corridor (2nd quarter 2016-17)(30%)

Project Deliverables:

RFP to procure a consultant (1Q 2015-16)
Tech memo containing run time analysis data (3Q 2015-16)
Tech memo identifying intersections for TSP, travel time savings, costs of implementation (Q2 2016-17)
Draft Final Report & Procurement checklist; (2Q 2016-17)
Final report (2Q 2016-17)

Project Total Cost: $173,136

New FHWA/FTA funds $173,136
Previously Programmed Funds: none
Related Professional Services Contracts: $150,000

Contract will provide data collection, analysis, public outreach, and development of final report.
STRATEGIC PERFORMANCE PROJECTS
DEFERRED TO CONTINGENCY

New York City Department of Transportation Projects

G10 Canarsie Area-wide Transportation Study

STRATEGIC BASIS:

• GOAL: ENHANCE THE REGIONAL ENVIRONMENT
  o Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

• GOAL: IMPROVE THE REGIONAL ECONOMY
  o Related Federal Emphasis Area: SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.

• GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE
  o Related Federal Emphasis Area: PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.

• GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION
  o Related Federal Emphasis Area: ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.

• GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS
  o Related Federal Emphasis Area: INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.
Project Description:

The objective of this study is to identify and address a series of transportation issues including congestion, bike regional network connectivity, and limited transit access in the southeast portion of Brooklyn. The study focuses on a region that is bounded by Avenue D and Foster Avenue to the north, the Belt Parkway to the south, East 108th St to the east, and Ralph Avenue and Paerdegat Avenue N to the west. The area is home to many commercial, manufacturing and industrial land uses that generate significant trips such as shipping centers and warehouses for logistics companies: UPS and FedEx. The Belt Parkway provides mobility and accessibility to residents of South Brooklyn and Queens to Staten Island, and other parts of Long Island as well as the JFK Airport. Rockaway Parkway and Flatlands Avenue, major commercial corridors in the center of the study area, processes traffic from the Belt Parkway, which is very congested during morning and evening peak periods. In additional to processing increased demand from the Belt Parkway, recent land use developments such as Canarsie Plaza and Gateway Center Phase 1 & Phase II have also increased traffic along the major corridors in the study area, prompting need for further investigation of traffic operations and infrastructure deficiencies. Additionally, Canarsie Pier, located at the southern edge of the study area is a recreational trip generator that is linked with the Jamaica Bay Greenway alongside the Belt Parkway; however there is a lack of adequate bicycle infrastructure connecting this facility to other parts of the study area. With the aforementioned transportation needs and recent land use developments, the study will employ a multimodal approach in integrating transportation and land use planning that support the RTP’s goals of enhancing the regional environment (1-7) and regional quality of life (1-8). The study also aims to improve air quality with the alleviation of congestion. Additionally, in line with DOT’s Vision Zero initiative to combat traffic deaths and injuries, the RTP’s goal of enhancing safety (1-10) will be an integral component of the planning process and recommended projects.

Begin Date 4/1/2015           End Date 12/31/2016

Project Tasks:

1. (15%) Project initiation: establish Technical Advisory Committee & develop a scope of work;
2. (15%) Community Outreach & Data Collection: conduct outreach meetings in the study area with the residents, community representatives and other stakeholders; conduct survey/data collection (traffic, parking, pedestrian, bicycle, vehicle classification, physical geometry, etc) (Q2 2015)
3. (15%) Conduct an analysis of existing conditions within the study area as it pertains to traffic, pedestrian, cyclists and transit conditions and regional connections. (Q3 2015)
4. (15%) Future Conditions: conduct analysis of future conditions (Q4 2015)
5. (10%) Identification and Evaluation of Improvement measures outlined during community outreach (Q4 2015)
6. (15%) Draft Final Report (Q1 2016)
7. (15%) Final Report: develop a list of recommendations based on community feedback and prioritization (Q3 2016).
Project Deliverables:

1. Project Initiation Report: Detailed Scope of Work & Data Collection Plan (Q2 2015)
2. Technical Memorandum & Presentation 1: Analysis of Existing Conditions (Q3 2015)
3. Technical Memorandum & Presentation 2: Analysis of Future Conditions and Potential Improvements—summarizing future conditions analysis and list of potential improvements (Q4 2015)
4. Draft Final Report summarizing analysis, and recommended improvements & Procurement checklist (Q1 2016)
5. Final Report including finalized recommendations for transportation improvements (Q3 2016)

G11 Transportation Investments to Support Affordable Housing

STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  - Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
  - Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
  - Related Federal Emphasis Area: **ENHANCE THE INTEGRATION AND CONNECTIVITY OF THE TRANSPORTATION SYSTEM, ACROSS AND BETWEEN MODES, FOR PEOPLE AND FREIGHT.**

- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  - Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**
Project Description:

New York City is embarking on a major initiative to provide affordable housing across the five boroughs. As addressed in Housing New York: A Five-Borough Ten-Year Plan, strategic investments in transportation will be critical to building sustainable mixed-use communities for all New Yorkers. As part of the plan, the City will identify up to 15 neighborhoods for targeted zoning changes and infrastructure investments to support the expansion of affordable housing. The first of these areas—East New York—was announced this spring, with additional areas expected to be announced later this year. Working closely with the Department of City Planning (DCP), NYCDOT will undertake comprehensive studies targeting each of these proposed growth areas. By integrating transportation and land use planning, this effort directly supports the RTP’s goals of enhancing the regional environment (1-7) and regional quality of life (1-8). Furthermore, the neighborhood planning effort will help the region build the case for implementation resources, another RTP goal (1-11). In keeping with NYCDOT’s Vision Zero initiative to combat traffic deaths and injuries, the goal of enhancing safety (1-10) will feature prominently in the planning process and recommended projects. The planning work will follow the Neighborhood Transportation Study (NTS) approach, a participatory planning process successfully piloted by NYCDOT in Jackson Heights and Chinatown. The NTS approach focuses on addressing a cluster of transportation issues, including transit access, bike network connectivity, pedestrian, cyclist, and motorist safety, curb management, and traffic congestion, within a single regionally-significant area of New York City.

NYCDOT plans to initiate an NTS using UPWP funding beginning April 2015. DCP is currently developing a list of candidate areas for the Housing New York effort; as soon as these are announced, NYCDOT will work with DCP to initiate an NTS for a community on this list. Selection criteria include the location of the neighborhood within a desired growth area, the presence of a regionally-significant transit hub or other transportation facility, and an analysis of safety data. The most likely neighborhood to be selected is East Harlem bounded by 5th Avenue to the west, 96th Street to the south, 116th Street to the north and the Harlem River to the east. Since Metro-North has a station in the neighborhood at 125th Street and Park Avenue, a major focus of the study will be looking at regional connections such as reverse commutes. The NTS would begin with an intensive data collection effort and a problem identification discussion with area stakeholders. Based on analysis of traffic, pedestrian, transit, and other data and input from the community, NYCDOT would then propose a set of improvement recommendations. After further review and input from area stakeholders, NYCDOT would develop and then implement a final plan. Short-term improvements will be implemented by NYCDOT in-house forces, while longer-term elements will be advanced through the City’s capital process. After implementation, the improvements would be evaluated for effectiveness and tweaked as necessary. The improvement recommendations will enable the transportation network to provide improved mobility for people living, working, or travelling through these regionally-significant growth areas.

Begin Date 4/1/2015          End Date 6/30/2016
Project Tasks:

1. (10%) Data Collection: conduct data collection on traffic, pedestrian, and cyclists volumes and movements, as well as transit usage and travel times, curb usage, crashes, and other relevant metrics. (Q3 2015)
2. (20%) Existing Conditions: conduct an analysis of existing conditions within the NTS area, including traffic, pedestrian, cyclist, and transit conditions, as well as regional connections. (Q3 2015)
3. (30%) Community Outreach: conduct outreach within the NTS area, including producing workshops on problem identification and potential improvements, as well as meeting with community boards and other stakeholders. (Q4 2015)
4. (20%) Potential Improvements: develop a draft set of potential improvements to address issues identified by the community and through the data analysis task. (Q4 2015)
5. (15%) Draft Final Report: develop a refined set of recommendations plan based on community feedback. (Q4 2015)
6. (5%) Finalize Final Report (Q1 2016)

Project Deliverables:

1. Community Outreach Meeting Reports: summarizing feedback received during the outreach process. (Q1 - Q4 2015)
2. NTS Web Portal and other outreach materials: providing project information to the public and opportunities for on-line feedback. (Q1 2015)
3. Existing Conditions Presentation: summarizing data collection and results of data analysis. (Q3 2015)
4. Potential Improvements Presentation: detailing improvement options and potential benefits and impacts of each. (Q3 2015)
7. Final Report (Q1 2016)
STRATEGIC BASIS:

- **GOAL: ENHANCE THE REGIONAL ENVIRONMENT**
  o Related Federal Emphasis Area: **PROTECT AND ENHANCE THE ENVIRONMENT, PROMOTE ENERGY CONSERVATION, IMPROVE THE QUALITY OF LIFE, AND PROMOTE CONSISTENCY BETWEEN TRANSPORTATION IMPROVEMENTS AND STATE AND LOCAL PLANNED GROWTH AND ECONOMIC DEVELOPMENT PATTERNS.**

- **GOAL: IMPROVE THE REGIONAL ECONOMY**
  o Related Federal Emphasis Area: **SUPPORT THE ECONOMIC VITALITY OF THE METROPOLITAN AREA, ESPECIALLY BY ENABLING GLOBAL COMPETITIVENESS, PRODUCTIVITY, AND EFFICIENCY.**

- **GOAL: IMPROVE THE REGIONAL QUALITY OF LIFE**
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- **GOAL: PROVIDE A CONVENIENT AND FLEXIBLE TRANSPORTATION SYSTEM WITHIN THE REGION**
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- **GOAL: ENHANCE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR BOTH MOTORIZED AND NON-MOTORIZED USERS**
  o Related Federal Emphasis Area: **INCREASE THE SAFETY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NON-MOTORIZED USERS.**

**Project Description:**

Since 2008 the Taxi and Limousine Commission (TLC) has collected electronic trip records from licensed medallion taxicab operators throughout New York City. These records are derived from a system within the taxicab that captures fare information and origin-destination-date-time and coordinates. With more than 800 million records to-date, this data has been invaluable in helping TLC understand the behavior of taxi operators and the riding public. Beginning in the summer of 2013, TLC rules allow for collecting breadcrumb data on each active Yellow taxi—along with the origin and destination points for trips—at two minute intervals as well as breadcrumb data at 30-second intervals with origin and destination points for outer borough HAIL liveries (Green “boro taxis”). From historic records it apparent that taxis average approximately 40 trips per day and that the boro taxis will average 15 trips per day, both for street-hailed and prearranged. With the authorization for 18,000 boro taxis and 2,000 additional Yellow taxi medallions, it is anticipated that the overall licensed industry will produce nearly 850,000 trip records per day. This unbiased data can be critical link in furthering the City’s understanding of traffic behavior providing new insights for planning and policymaking.
Currently available datasets, like the TLC’s accessible dispatch data, MTA’s Bus Time, NYCDOT’s real-time traffic travel time data and NYMTC’s Transportation Information Gateway (TIG) can be combined with the TLC’s trip data to provide an understanding of traffic patterns and behavior in and around the Manhattan central business district (below 60th Street). Combined, it can be used to calculate traffic speeds for north-south and east-west travel, identify traffic congestion, and reroute traffic in real-time. These data also have the potential for use in economic and cultural analyses, such as payment method and tipping behaviors.

NYMTC’s Plan 2040 Regional Transpiration Plan (09/04/13), Chapter 4, Section 2 – Transportation Systems Management & Transportation Demand Management cites potential benefits for TSM and TDM strategies, which in part rely on Intelligent Transportation Systems (ITS) to gather, manage and use transportation datasets. Historical (or archived) and real-time data, including the Taxi GPS data, play an increasingly important role in decision support systems, planning for operations and ITS strategies. Historical datasets aid observation of travel trends and patterns while real-time data convey current operating conditions of transportation networks. Development of tools that help analysts, planners and policymakers make timely and informed decisions based on those datasets support the RTP goals and is vital to planning and operations, and informing travelers.

The goal of this project will be to create a map that allows for the visualization and analysis of Taxi GPS (TPEP) data to best meet the needs of NYMTC and NYCDOT needs, and to subsequently transform the demonstration application into a system to display and analyze real-time TPEP data combined with other datasets.

Begin Date 4/1/2015  End Date 3/31/2016

Project Tasks:

Task A – Phase I Development - (Q4 2015)
1. (15%) Proof of Concept for a planning tool/application for City and regional planning agencies: The proof of concept, or demonstration, phase is necessary to further develop the methods used to rapidly process the vast amount of data that will be part of this project and to quickly develop an application that planning agencies can access.
2. (85%) Development of the application: Online mapping tool for historic taxi data (years 2011–2013) along with local weather conditions (precipitation totals, minimum/maximum temperature). Once combined, analytics will be developed to identify interactions and relationships between the datasets. To the extent that it benefits the application, expand on the work of Dr. Jianting Zhang of CUNY in making use of Graphical Processing Units (GPU) improve the processing of spatial and trajectory data of large GPS datasets.

Project Deliverables:

Task A Deliverables (Q4 2015)
1. Backend and web application that enables the visualization of taxi trip patterns based on historic TPEP trip data. The application should have the following capabilities:
a) Data filtering and indexing – data filter should incorporate NYCDOT’s outlier rules, and the data should be indexed for commonly run queries. This will include geographic identifiers already added to the TPEP data by NYCDOT for custom taxi zones. It will require CUNY to update the TPEP data with identifiers for the other geographic areas listed in item d below (neighborhood tabulation areas, community boards, Census tracts, and traffic analysis zones).

b) Data for the application will be hosted on CUNY’s servers in a secure environment, accessible only by the users approved by NYCDOT.

c) The application will feature a web-based interface available to a limited number of users approved by NYCDOT. Security will be provided through a user/password system implemented by CUNY in coordination with NYCDOT. Upon mutual agreement between CUNY and NYCDOT, CUNY will work with NYCDOT to migrate the web interface and hosted data to a system made available by NYCDOT.

d) The web-based interface will provide access to GIS-based mapping, visualization, and reporting, with interactive map selection and querying based on any or all of:

- Time: filtering for specific dates, date ranges, day(s) of week, weekdays/weekends and exclusion of dates (e.g., holidays).

- Zonal: the map will include NYCDOT’s custom taxi zones, neighborhoods (using “neighborhood tabulation areas” as developed by NYC Department of City Planning), community boards, US Census tracts, and NYMTC TAZ. These different geographies will be available via the web application to identify, filter, and map selected taxi trips.

- Corridor: the application will enable the creation of user-defined buffer areas based on selection of roadway segments. 

e) Output reports per user-defined selection set above, including:

- General statistics tables with: counts of trips; mean/median/min/max travel times, trip distances and travel speeds within the chosen set; overall travel speed based on quotient of total trip distance and total trip time within the chosen set. Graphical statistics figures to show time-speed diagrams, zone-travel time diagrams and time-trip count diagrams

- Before-After: (two user specified time periods) comparison report with selected statistics

- Exportable output tables in .csv format for further analysis in other software packages (SPSS, SQL, etc.)

2. Relevant documentation, include a user guide describing the functions and features of the application.

3. Demonstration output prepared by NYCDOT staff including an origin-destination (O/D) table (defined by NYMTC traffic analysis zones in the NYBPM) by hour of the day for a typical weekday in October for years 2011-2013, and the total vehicle-miles-traveled (VMT) and vehicle-hours-traveled (VHT) for each O/D pair.

Chapter V

RELATED PLANNING ACTIVITIES FUNDED THROUGH OTHER SOURCES
Penn Station Environmental Assessment
The Environmental Assessment is evaluating the potential social, economic and environmental impacts of providing direct Penn Station service from Metro-North Railroad’s New Haven, and Hudson Lines. A major objective of this effort is to provide access from Metro-North’s Hudson Line via Amtrak’s Empire Line and our New Haven Line via Amtrak’s Hell Gate Line to Penn Station and the West Side of Manhattan for its current and future customers. The potential to provide service at new intermediate station(s) between Penn Station and the MNR service area located in the eastern Bronx and West Side of Manhattan is also being considered. The analysis was initiated as a DEIS effort of a broad range of alternatives. The work performed to date resulted in the selection of one build alternative for further evaluation, which includes the following components:

- Hudson Line service to Penn Station via the Empire Line with new intermediate stations in the vicinity of West 125th Street and the Upper West Side in Manhattan.
- New Haven Line service to Penn Station via the Hell Gate Line with new intermediate stations in the vicinity of Co-Op City, Parkchester and Hunts Point in the Bronx.

The analysis indicated that there did not appear to be any significant impacts associated with this alternative. Therefore, the NEPA process was streamlined into an Environmental Assessment. The schedule for completion of the EA is contingent on completion of Penn Station simulation, as well as on agreement in principle with PSNY railroads and identification of a new commuter rail station on the Empire Line on the west side of Manhattan and a station on the Hell Gate Line in the vicinity of Morris Park in the East Bronx. This station was recently added to the study in recognition of the recent development in the vicinity of the proposed station and community input.

| PROJECT START: December 31, 1998; |
| ESTIMATED PROJECT COMPLETION DATE: April 30, 2017; |
| PROJECT COST: $8,752,212; |
| PRIMARY FUND SOURCE: Local. |

West of Hudson Regional Transit Access Study (Alternative Analysis)
The Metro-North Railroad West of Hudson Regional Transit Access Study (WHRTAS) will assess and identify transit solutions to address existing and future transit access and mobility needs for commuters between central Orange County and NYC and for Stewart International Airport (SWF) air passengers and employees from the mid-Hudson Valley and NYC. The Phase 2 effort, which has been underway, has focused on travel demand forecasts, and the determination of a mid-point yard location along the Port Jervis Line and the need to restore portions of the second track on the Port Jervis Line. This analysis will be an input to the No-Build alternative.
**Metro-North Railroad Origin-Destination Study**

The Metropolitan Transportation Authority (MTA) will conduct an origin-destination survey of Metro-North Railroad customers. This information will be used to refine the MTA’s Regional Transportation Forecast Model (RTFM) and NYMTC’s BPM. Survey data used to inform and support the development of fixed guideway transit New Starts projects, satisfy Federal Transit Administration (FTA) requirements for transit ridership data collected within the past 5 years, and validate the performance of these models.

**Sponsor agency: Nassau County**

**Nassau Hub Transit Study**

Nassau County has initiated the preparation of an Alternatives Analysis (AA) to address transportation problems in the area known as the Nassau Hub. The Nassau Hub Study will define new transportation options and identify land use strategies that will help promote economic development, create jobs in the Study Area, and improve access and mobility, which in turn, will enhance the quality of life for all Nassau County residents. The AA will examine opportunities for introducing realistic and practical transit improvements within the Hub study area, and will be conducted in cooperation with the Federal Transit Administration (FTA) and in accordance with FTA requirements. The purpose of the AA, as currently defined, is to select a Locally Preferred Alternative (LPA). Following the selection of the LPA and with the FTA's concurrence, Nassau County will conduct an environmental review in accordance with the National Environmental Policy Act of 1969. The status as of Summer 2014 is that Nassau County has identified a LPA and will shortly be submitting an AA report to the FTA for review and consideration. Beginning Fall 2014 Nassau County plans to begin the environmental phase as the next step toward LPA implementation. Note that the completion date shown is an estimated target, with a firmer date to be provided once a schedule has been developed for the entire environmental review process.
<table>
<thead>
<tr>
<th>Study of Critical Evacuation Routes in Nassau County</th>
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<tr>
<td>Conduct a study to identify the critical evacuation routes in Nassau County. It will identify both county &amp; non-county roads. Evaluate the condition, deficiencies &amp; effectiveness of the proposed evacuation infrastructure.</td>
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| Sponsor agency: | New York City Department of Transportation |

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<th>Citywide Congested Corridors</th>
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<td>The project aims to relieve congestion on key corridors in each of the City’s five boroughs. Corridors have been selected in each of the five boroughs. The congested conditions affect traffic flow, surface transit operations and goods movement. The proposed improvements will reduce delays and improve traffic flow. This is expected to reduce vehicular emissions on the selected roadways. Alternative improvement packages will be developed for each corridor. Alternate improvement packages will be developed. Traffic Planning and Borough Engineering staff conducted Field visits where to each of the corridors to identify key intersections and issues of concern. Consultants were selected to perform this project under the Federally-procured Engineering Services Agreement. The project team will study the area and develop recommendations for improvements. Staff has also identified other projects along the corridors that need to be coordinated with this project. The study corridors are:</td>
</tr>
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- The Bronx: White Plains Road from East Tremont Avenue to East 233 Street Fordham Road from Sedgwick Avenue to Southern Boulevard;  
- Brooklyn: Church Avenue from McDonald to Utica Avenues Nostrand Avenue from Flatbush to Emmons Avenue;  
- Manhattan: West 181st Street from Cabrini Boulevard to Amsterdam Avenue West 96th
Street from Central Park West to Riverside Drive;
- Queens: Woodhaven Boulevard from Queens Boulevard to Atlantic Avenue
- Northern Boulevard from 48th Street to Junction Boulevard;
- Staten Island: Amboy Road from Arden to Clarke Avenues.

| PROJECT START: October 1, 2006; | ESTIMATED PROJECT COMPLETION DATE: July 30, 2015; |
| PROJECT COST: $6,300,000; | PRIMARY FUND SOURCE: CMAQ. |

Citywide Congested Corridors II
The project aims to relieve congestion on key corridors The project team will study the area and develop recommendations for improvements. Staff has also identified other projects along the corridors that need to be coordinated with this project. The study corridors are:
- The Bronx: East Gun Hill Road from Jerome Avenue to White Plains Road;
- Brooklyn: Flatbush Avenue from Nostrand Avenue to Empire Boulevard;
- Brooklyn: Broadway from Williamsburg Bridge to East New York Avenue ;
- Manhattan: East 14th Street – From FDR to West Side Highway;
- Queens: Liberty Avenue from Woodhaven Boulevard to Van Wyck Expressway.

| PROJECT START: October 1, 2009; | ESTIMATED PROJECT COMPLETION DATE: September 1, 2009; |
| PROJECT COST: $4,000,000; | PRIMARY FUND SOURCE: CMAQ. |

Data Collection For Asset Management Planning For City-Owned Non-East River Bridges
This project will collect data for asset management planning for city-owned non-East River bridges.

| PROJECT START: October 1, 2009; | ESTIMATED PROJECT COMPLETION DATE: December 31, 2015; |
| PROJECT COST: $8,600,000; | PRIMARY FUND SOURCE: HBRR, Local, STP. |
Traffic Safety Improvements for Three East River Bridges

This project will identify traffic safety and operational measures related to the configuration of the vehicular roadways of three East River bridges leading directly to their implementation by the NYCDOT. The project will complete a systematic engineering assessment of conditions on the three bridges including lane widths, horizontal alignment, vertical profile and vehicle speed and classification to select and design measures to improve vehicular safety and operations. The project will study the following three East River Bridges, including their approach and departure ramps and roadways:

- Manhattan Bridge;
- Williamsburg Bridge;
- Ed Koch Queensboro Bridge.

PROJECT START: January 1, 2012;  
ESTIMATED PROJECT COMPLETION DATE: December 31, 2015;  
PROJECT COST: $600,000;  
PRIMARY FUND SOURCE: STP.

PARK Smart 2.0

PARK Smart 2.0 will build on NYCDOT’s successful planning and implementation of six parking pricing pilots (collectively referred to as “PARK Smart”) under a Value Pricing Pilot Program grant from 2009-2012. Implementation of PARK Smart has taught NYCDOT valuable lessons about designing parking pricing policies that address quantifiable goals, and which engender community acceptance. PARK Smart 2.0 will take these lessons and combine them with emerging technologies to explore new paths to publicly acceptable pricing policy and wider implementation throughout the city. As a policy tool, PARK Smart seeks to manage parking demand by using pricing, regulations and public information to increase parking availability and effectively manage limited curb space. As a management tool, PARK Smart 2.0 is part of the agency-wide progression to adopting new technologies and systems that will allow us to better determine parking demand patterns and tailor appropriate regulations and pricing structures in the future. The focus of PARK Smart 2.0 is the strategic use of field instrumentation (“Advanced Parking Technologies”) to arrive at an algorithm to translate revenue data into reliable estimates of parking occupancy. Once this algorithm is created and calibrated to local conditions, it will enable NYCDOT to implement all the following elements in a broadly scalable package, which can be presented to communities in a way that will enhance the acceptability of parking pricing: provide parking information that will compliment pricing signals and enhance the value proposition to drivers; streamline agency implementation processes and introduce curb management parking availability and pricing structures; and pilot three different types of parking rate changes (peak time of day pricing, overall increases in rates, and escalating pricing structures).
Sheridan Expressway Planning Study

The City of New York is undertaking a vision plan for the Sheridan Expressway and Hunts Point area in the Bronx. This planning process will be designed to respond to the needs and goals of the business and residential communities in the area. Planning considerations will include improvements and modifications to the roadway transportation network; potential for land use and economic development; and housing, open space and environmental concerns. In particular, the transportation planning analysis will permit the development of a traffic plan to improve access to the Hunts Point Food Distribution Center, and allow the City to come to an informed position about various project proposals that have been put forward over the years, including removing the Sheridan Expressway, rebuilding the interchange of the Sheridan and the Bruckner Expressway, and creating a new interchange for Hunts Point at Oak Point Avenue. The purpose of the work in this study is to support the development of future scenarios that will be evaluated using the planning model. Critical to scenario development and analyses of future conditions is the estimation of travel demand forecasts in the study are based on population and economic data and transportation network conditions.

New York City Overweight Truck Impact Study

A good understanding of the costs associated with overweight truck damage is essential to strategic planning. The goals of this study are to quantify the damage and the corresponding cost to New York City infrastructure caused by heavy vehicles. The specific objectives of this study are to:

1) build upon the Weigh-in-Motion (WIM) sensors installed as part of previous work by NYCDOT, one location at the Alexander Hamilton Bridge and a planned location in Queens and a planned location in Brooklyn;

2) quantify the annual damage caused by overweight vehicles on city streets and bridges using FHWA’s new Pavement Damage Assessment Tool (PaveDAT). This tool is in the pilot phase and FHWA agreed to let New York State and New York City be part of the pilot in FY11;
3) continue to study the possibilities of using WIM and License Plate Reader (LPR) technology to improve weight compliance efforts.

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PROJECT START: August 1, 2014;
ESTIMATED PROJECT COMPLETION DATE: December 31, 2017;
PROJECT COST: $1,400,000;
PRIMARY FUND SOURCE: STP
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**Truck Route Improvements in the Maspeth Neighborhood Of Queens**
Scope of work will include developing a truck route study and the implementation of near term safety improvements.

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PROJECT START: August 1, 2014;
ESTIMATED PROJECT COMPLETION DATE: December 31, 2015;
PROJECT COST: $245,000;
PRIMARY FUND SOURCE: STP
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**Off-Hour Truck Deliveries Study**
This study aims at improving livability for New York City residents by shifting some work deliveries to the off-hours while also increasing efficiency and cost savings for both businesses and the truck industry. The tasks include evaluating alternative noise mitigation strategies and technologies while assessing existing conditions, technologies, and data, and analyzing the overarching benefits.

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PROJECT START: November 1, 2013;
ESTIMATED PROJECT COMPLETION DATE: December 31, 2015;
PROJECT COST: $737,500;
PRIMARY FUND SOURCE: STP
```

**Access to Opportunity (Rockaway Peninsula)**
Access to Opportunity will be a holistic analysis of mobility needs and barriers to economic opportunity in the eastern part of the Rockaway Peninsula (boundaries are: Rockaway peninsula between Beach 95 St and the Nassau County line, with a focus on Arverne East and Edgemere). The study will explore ways to address these issues through the redevelopment process; particular emphasis will be given to improving connections to public transportation, the broader street network, local retail corridors, and the rest of the city. The study will also evaluate near-
and long-term changes to the street network beyond the Arverne East and Edgemere Urban Renewal Areas, including recommendations for bus service enhancements, which will be undertaken in coordination with the Metropolitan Transportation Authority (MTA). In line with Vision Zero, Mayor de Blasio’s initiative to end traffic deaths and injuries in New York City, improving the safety of pedestrians, cyclists, and drivers will be integrated into all aspects of the study. Using a planning process rooted in substantive community engagement, the study will create a framework for short- and long-term transportation investments in Arverne East, an 81-acre HPD site slated for mixed-income housing development. This framework will then be used to advance community desires for access to jobs and services, and to knit the emerging Arverne East neighborhood into the urban fabric of the Rockaways. Project deliverables will include: A street network plan for Arverne East and a set of transportation network principles to guide the redevelopment of the Edgemere URA, and strengthen the connectivity of the existing Arverne by the Sea development; a set of recommendations for short-term improvements to east-west connectivity and north-south access, with a focus on pedestrian safety and mobility, vehicular and bus circulation, curb management, and the urban environment; and a set of recommendations for medium and long-term capital improvements beyond the Arverne East site, with a focus on improved east-west connectivity, pedestrian safety and mobility, vehicular and bus circulation, the urban environment, and infrastructure and network resiliency.

**PROJECT START: January 15, 2015;**
**ESTIMATED PROJECT COMPLETION DATE: January 15, 2017;**
**PROJECT COST: $1,874,104;**
**PRIMARY FUND SOURCE: FHWA, TIGER VI**

**Truck Route Management and Community Impact Reduction Study**
Examine operational improvements to direct trucks to appropriate routes thereby reducing community impacts and directing trucks to streets designed to accommodate them. Engineering, education and enforcement strategies will be examined. The consultant (Edwards & Kelcey) began work in February 2003. Community surveys were distributed and responses were analyzed. Community meetings were held in each of the five Boroughs, in coordination with representatives of the trucking industry and other government agencies. Based on community input and analysis of conditions and needs the consultant prepared a draft final report. Meetings were held in each of the five boroughs to discuss the draft final report. Comments were received and are being reviewed. A final report will be prepared. Project is on schedule, no issues. Will seek additional funds to continue to leverage accomplishments when the funds are exhausted. Accomplishments to date: Establishment of the Office of Freight Mobility May 2007, 2009 and 2010 Truck Route Maps published, Truck Route Changes in Staten Island and Queens approved, NYPD Truck Route Memo inserts published, Off Hour Delivery Pilot, “No Trucks on Parkways” Education Campaign launched, including Low Bridge GIS Online Maps for the Parkway System,
Bridge Strike Brochures and Overheight truck detection Pilots, Delivery Windows, Interagency coordination established to streamline truck regulations between the City, State, Port Authority, MTA Bridges and Tunnels and New Jersey.

Sponsor agency: New York State Department of Transportation

Statewide Coordination of Metropolitan Planning Program

The goal of this project is to support and maintain the ongoing coordination of the metropolitan planning programs in NYS for statewide benefit; the ongoing collaboration of the thirteen (13) metropolitan planning organizations (MPOs); and the on-going coordination of metropolitan and statewide planning programs. The support will be provided through the mechanism of the New York State Association of Metropolitan Planning Organizations (NYSAMPO). The objectives are: 1) Maintenance of a master statewide calendar of relevant cycles for federally-required statewide and metropolitan planning products and analysis to keep statewide and metropolitan planning and program management in close coordination. 2) Integration of work program activities between statewide and metropolitan levels for maximum efficiency. 3) Information sharing and communication between federal, state and metropolitan planning organization representatives to seamlessly advance programs and meet federal requirements.

Traffic Count Program

This initiative is the continuous count program for Zone 1 with full performance based maintenance and upgrade services in Zone 1 to provide better coverage, distribution, and differentiation by functional classification of roadway, geographic area, and seasonality of traffic patterns. Zone 1 includes the eastern half of the state (Region 1, 2, 7, 8, 9).
AASHTO Census Transportation Planning Products (CTPP) Technical Services Program

The goal of this AASHTO CTPP program is the delivery of special transportation data from the US Census Bureau on journey-to-work data to benefit State DOTs and Metropolitan Planning Organizations (MPOs) to accomplish planning requirements in MAP-21. Journey to work data is used by all States and most metropolitan planning organizations. CTPP is the only source for the critical journey to work data each state uses for travel demand modeling. The CTPP program will ensure production and delivery of this important transportation data, and will provide technical assistance, training, outreach and associated research. FHWA has confirmed in a Memorandum, dated 7/9/13, that CTPP is an eligible activity for 100% SPR funding, waiving the state or local matching requirements.

| PROJECT START: October 1, 2014; |
| ESTIMATED PROJECT COMPLETION DATE: September 30, 2019; |
| PROJECT COST: $280,000; |
| PRIMARY FUND SOURCE: SPR. |

Sagtikos State Pkwy/Sunken Meadow State Pkwy Study

Southern State Pkwy to NY25A including the parallel roadway towns of Islip and Smithtown, Suffolk County. This study will investigate solutions to traffic congestion.

| PROJECT START: January 2, 2013; |
| ESTIMATED PROJECT COMPLETION DATE: December 31, 2019; |
| PROJECT COST: $3,400,000; |
| PRIMARY FUND SOURCE: NHPP, SDF. |

Southeast Queens/Nassau Expressway Corridor Study

Comprehensive development study of the southeast Queens/Nassau expressway corridor.

| PROJECT START: January 2, 2015; |
| ESTIMATED PROJECT COMPLETION DATE: December 31, 2017; |
| PROJECT COST: $1,000,000; |
| PRIMARY FUND SOURCE: NHPP, SDF. |

West Shore Expressway Bus/HOV Lane Feasibility Study

The purpose of this study is to investigate the feasibility of high-occupancy vehicle lanes on the West Shore Expressway (Route 440) linking to the existing Staten Island Expressway (I-278)
HOV lanes in Richmond County, New York. Based on the identified need to provide priority movements to HOV’s and buses to reduce travel trip time and improve trip reliability. The study shall examine feasible alignments of HOV lanes running north-south on Route 440 and its connectivity to the existing east-west HOV lanes on interstate 278. The study shall be done in two phases. Phase 1 will include tasks to evaluate existing conditions, features, and roadway and ramp alignments to check for geometric feasibility. Phase 1 will also include an environmental impact feasibility analysis. Potential areas of environmental disturbance plus mitigation alternatives with cost estimates / regulatory approval requirements would be generated. Phase 2 will include traffic data collection, traffic analysis and public outreach.

**PROJECT START: January 2, 2014;**
**ESTIMATED PROJECT COMPLETION DATE: December 31, 2016;**
**PROJECT COST: $700,000;**
**PRIMARY FUND SOURCE: NYS Funds.**

**Data Collection On Various Highways & Parkways In Nassau & Suffolk Counties**
Perform traffic, safety studies and other traffic and safety tasks on various highways & parkways in Nassau & Suffolk Counties. Locations to be determined on as as-needed-basis

**PROJECT START: January 2, 2013;**
**ESTIMATED PROJECT COMPLETION DATE: December 31, 2019;**
**PROJECT COST: $2,000,000;**
**PRIMARY FUND SOURCE: NHPP, SDF.**

**LIE HOV/Clean Pass -Operational Performance Scenario Analysis**
The goal of this project is to analyze the operational performance of the 40-mile Long Island Expressway (LIE) High Occupancy Vehicle (HOV) lane between exits 32 and 64 under a range of potential new High Occupancy Vehicle (HOV) and Clean Pass Vehicle (CPV) eligibility policies.

**PROJECT START: October 1, 2014;**
**ESTIMATED PROJECT COMPLETION DATE: September 30, 2015;**
**PROJECT COST: $100,000;**
**PRIMARY FUND SOURCE: SPR**

**Analysis of Energy Efficient Highway Lighting Retrofits**
Identify commercially available cost-effective retrofits for existing highway lighting that reduce energy consumption while meeting AASHTO Lighting Design Guide and NYSDOT standards.
VMT Base-line Traffic Count Project
The goal of this project is to collect a sampling of geographically-distributed traffic count data on lower level (i.e., non-Federal Aid eligible) streets and roads to facilitate the development of accurate Vehicle Miles of Travel (VMT) estimates for these roads at reasonably low levels of stratification (such as by county and urban area).

Statewide GIS Network Creation
The goal of this project is to construct an intelligent GIS Roadway Network for all public roads in NYS. The project is a result of the August 7, 2012 FHWA directive mandating the submittal of a Statewide GIS Network file matching the annual HPMS report to FHWA.

Highway Oversize/Overweight Credentialing System (HOOCS)
The goal is to implement a Commercial Off-the-Shelf (COTS) HOOCS software solution and obtain the accompanying integration services necessary to fulfill NYSDOT's Central Permitting Bureau's business requirements.

Program & Project Management Software and Training
The goal of this project is to provide support services for the ongoing configuration and implementation of a Department-wide enhanced and improved enterprise level program and project management system to facilitate improvements to the capital program delivery.
**Global Inc. Trend Data, Analysis and Forecasts**
The goal of this project is to update the socio-demographic and business economic projections, VMT model and forecasts.

**Technical Support for Use of National Performance Management Research Data (NPMRDS)**
The goal of this project is to develop and make accessible to NYSDOT and partner planning agencies a hosted National Performance Management Research Data Set (NPMRDS) geodatabase and analytic framework for performance analysis and visualization of congestion, mobility and reliability.

**Transearch & Related Freight Data Procurement**
To obtain Transearch and related freight data on a continual subscription basis; to be able to address regular and ad hoc needs in support of ongoing planning activities and major investment studies.
Sponsor agency: Rockland County

Nanuet Hamlet & Transit Center Revitalization Plan
Nanuet Hamlet Center revitalization design plan and implementation strategy will redevelop vacant and underutilized land in the hamlet of Nanuet into a mixed-use, transit oriented neighborhood. The project is expected to result in a transit oriented neighborhood centered around a new multi-modal transit station.
This plan will include:
- a new multimodal transit station on the existing line
- mixed-use retail, office and workforce residential units
- multi-use pedestrian paths
- walkable, pedestrian-friendly storefront streets
- parks and other green space
- integrated parking decks to reduce surface parking

PROJECT START: January 1, 2015;
ESTIMATED PROJECT COMPLETION DATE: March 31, 2016;
PROJECT COST: $150,000;
PRIMARY FUND SOURCE: NYS Grant.

Sponsor agency: Westchester County

Creating a Database of Development Projects in Westchester
This project consists of creating a database of development projects in Westchester County. Westchester County DOT staff will track development projects and create a database of information that will be used to determine the transportation impacts of the projects. This is an annual ongoing program.

PROJECT START: April 1, 2002;
ESTIMATED PROJECT COMPLETION DATE: March 31, 2016
PROJECT COST: $50,000;
PRIMARY FUND SOURCE: 5307

Westchester County SMART Commute Program
This program consists of Westchester County DOT’s outreach to the employer community to encourage transit use, ridesharing and other transportation demand management measures.
Employer visits, transportation fairs and assistance with developing alternative travel plans for employees are included in this effort. This is an annual ongoing program.

| PROJECT START: April 1, 2012;  
| ESTIMATED PROJECT COMPLETION DATE: March 31, 2016  
| PROJECT COST: $700,000;  
| PRIMARY FUND SOURCE: CMAQ |

**Section 5307 Planning Studies**

These projects will include community mobility studies, bus stop enhancements, review of municipal development plans to determine their transportation impacts, corridor studies, and park and ride lot development.

| PROJECT START: April 1, 2015;  
| ESTIMATED PROJECT COMPLETION DATE: March 31, 2016  
| PROJECT COST: $250,000;  
| PRIMARY FUND SOURCE: 5307 |

**Sponsor Agency:** Port Authority of New York and New Jersey

**Cross Harbor Freight Movement Project**

Federal and state oversight agencies have approved the Port Authority’s assumption of local sponsorship of this planning effort. The Port Authority will complete the Environmental Impact Statement (EIS) process, following the Cross Harbor Freight Movement Major Investment Study and other analyses previously performed by the New York City Economic Development Corporation. The overarching goal of the study is to develop strategies for improving the region’s movement of goods across New York Harbor, emphasizing rail and waterborne services.

| PROJECT START: January 9, 2010;  
| ESTIMATED PROJECT COMPLETION DATE: December 31, 2015  
| PRIMARY FUND SOURCE: FHWA, PANYNJ |
Sponsor agency: AMTRAK

Northeast Corridor Gateway Project

The Northeast Corridor Gateway Program is assessing additional rail capacity into and through midtown Manhattan from northern New Jersey, including expansion of Amtrak’s existing Penn Station facilities, the addition of two new tunnels under the Hudson River and replacement of the century-old Portal Bridge east of Newark, New Jersey with two new 2-track spans.

| PROJECT START: January 1, 2011; |
| ESTIMATED PROJECT COMPLETION DATE: December 31, 2017 |
| COST: $14,500,000,000; |
| PRIMARY FUND SOURCE: Various |

New York State Shared Cost Initiatives

The following items are funded voluntarily by New York State’s thirteen Metropolitan Planning Organizations and the New York State Department of Transportation using FHWA – PL and Statewide Planning Research Funds:

- NYS AMPO staff support;
- NYS AMPO training programs;
- AMPO dues.

Strategic TDM and Commuter Choice Service Planning

This term agreement contract shall provide for Transportation Demand Management (TDM) and Commuter Choice service planning and actions throughout the state. These actions will enhance mobility, reduced single occupant vehicle use and vehicle miles of travel, reduced highway traffic congestion, and reduce the emission of greenhouse gases.

| PROJECT START: April 1, 2014; |
| PROJECT COMPLETION: March 31, 2016 |
| COST: $1,500,000; |
| PRIMARY FUND SOURCE: SPR Funds |

Traffic Count Program

Continuous count programs with full performance based maintenance and upgrade services to provide better coverage, distribution, and differentiation by functional classification of roadway, geographic area, and seasonality of traffic patterns.
Sustainable Communities Regional Grant Program

New York-Connecticut Sustainable Communities Planning Program

NYMTC and the Regional Plan Association, as a part of a Consortium that includes three metropolitan planning organizations in coastal Connecticut, the Long Island Regional Planning Council, Nassau and Suffolk counties, New York City and eight other cities in the lower Hudson Valley and Connecticut, have received a grant application from the U.S. Housing and Urban Development (HUD) Sustainable Communities Regional Planning Grant Program. The goal of the Sustainable Communities Initiative, which is part of the federal Sustainable Communities Partnership between HUD, the U.S. Department of Transportation and the U.S. Environmental Protection Agency, is to improve regional planning efforts that integrate housing and transportation decisions, and increase state, regional, and local capacity to incorporate livability, sustainability, and social equity values into land use plans and zoning.
<table>
<thead>
<tr>
<th>County</th>
<th>Applicant</th>
<th>Project Title</th>
<th>Description</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Putnam</td>
<td>Village of Cold Spring</td>
<td>The Village of Cold Spring Smart Growth Planning</td>
<td>The Village of Cold Spring began planning in 2006 with preparation of a Local Waterfront Revitalization Strategy (accepted), Comprehensive Plan (adopted) and draft Local Waterfront Revitalization Plan. The Village’s new zoning will focus on smart growth principles. It will encourage and enable future development and redevelopment to save energy, increase use of renewable energy, save greenhouse gas emissions, avoid future emissions, and reduce future energy use. The outcome will be adoption of an updated Zoning Law, Subdivision Regulations, and Historic District standards.</td>
<td>$75,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>City of Peekskill</td>
<td>Design of a multi-use waterfront trail and related amenities</td>
<td>The City of Peekskill will design a multi-use waterfront trail and related amenities along its Hudson River shoreline from Charles Point Pier Park to the Charles Point Marina and parking lot. This trail segment will advance the Westchester County's planned Riverwalk with the City.</td>
<td>$125,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>City of Peekskill</td>
<td>Peekskill Local Waterfront Revitalization Program Update</td>
<td>The City of Peekskill will update its Local Waterfront Revitalization Program adopted in 2004 to refine its vision for its waterfront area and adjacent downtown. Since the completion of the LWRP, the City has successfully implemented many of the projects and initiatives it set out to advance. In addition, this update will incorporate a waterfront “Blue Plan,” which will focus on issues and opportunities extending beyond the City's shoreline and into the Hudson River</td>
<td>$50,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>Village of Tarrytown</td>
<td>Design and Construction of segment of the Hudson River RiverWalk at Losee Park</td>
<td>The Village of Tarrytown will design and construct a segment of the Hudson River RiverWalk in Losee Park and improve the park's ball fields. The project will provide for a RiverWalk along all of the riverfront property owned by the Village, and create a connection among the various riverfront parks and properties.</td>
<td>$200,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>City of New Rochelle</td>
<td>Comprehensive Plan Update</td>
<td>The City of New Rochelle will build upon previous efforts to advance sustainable, economic development. With careful consideration of New Rochelle's own sustainability plan, GreeNR, the City will continue its efforts to update its comprehensive plan, and amend its zoning code to foster private investment in a more compact, mixed-use, mixed-income, energy efficient, walkable development centered around the New Rochelle Transit Center.</td>
<td>$198,000</td>
</tr>
<tr>
<td>Westchester</td>
<td>City of New Rochelle</td>
<td>New Rochelle Local Waterfront Revitalization Program</td>
<td>The City of New Rochelle will update their draft Local Waterfront Revitalization Program developed in 1999 to guide waterfront development and incorporate a land use plan for David's Island.</td>
<td>$79,200</td>
</tr>
<tr>
<td>Location</td>
<td>Project Description</td>
<td>Funding</td>
<td></td>
<td></td>
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<tr>
<td>--------------------------------</td>
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</tr>
<tr>
<td>Westchester City of White Plains</td>
<td>This project involves the planning and design for the redevelopment of an existing transit hub into a multimodal transportation center that serves all modes of travel and maximizes the economic development potential of the area.</td>
<td>$1,000,000</td>
<td></td>
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</tr>
<tr>
<td>Westchester Town of Cortland</td>
<td>The Town of Cortland will complete a Comprehensive Plan that will focus on issues of sustainability and economic development by taking advantage of the Town's location along the Hudson River. In addition, the Town will investigate zoning techniques to plan for enhancements in the area around the Cortlandt Metro-North Station and along the Town's commercial corridors. Further, the plan will study concepts such as form based zoning, complete streets and green development bonuses.</td>
<td>$175,000</td>
<td></td>
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<tr>
<td>Westchester Land Use Law Center at Pace Law School</td>
<td>The Land Use Law Center at Pace Law School will work with four pilot municipalities to integrate sustainability elements into their respective comprehensive plans and zoning codes to implement strategies identified in the Regional Sustainability Plan. The Center will use the Technical Guidance Manual for Sustainable Neighborhoods to identify barriers to sustainability and then provide community-specific recommendations for amendments to each municipality's comprehensive plan and zoning code.</td>
<td>$95,512</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bronx, Kings, New York, Queens, Richmond City of New York</td>
<td>The NYCDCP will complete an Open Industrial Uses Study to address issues related to flooding and dispersion of on-site contaminants. The project will examine pollution prevention controls and existing standards and regulations for materials storage. An outreach program to inform industry stakeholders of any amendments to the site and pollution prevention controls, and incentives offered to bring facilities into compliance will be developed.</td>
<td>$300,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kings City of New York</td>
<td>The NYCDOT will partner with UPROSE to develop the Sunset Park Upland Connector, connecting the Sunset Park to the waterfront. The project will improve the streetscape and establish pedestrian and bicycle connectivity to the Bush Terminal Piers Park and the Brooklyn Waterfront Greenway. Work will include community engagement, planning and design, sidewalk enhancements, green storm water infrastructure, landscaping, and pedestrian amenities.</td>
<td>$600,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kings City of New York</td>
<td>The NYCDOT will complete construction of the Sunset Park segment of the Brooklyn Waterfront Greenway. This segment of the greenway extends from the Hamilton Avenue Bridge at the Gowanus Canal to 43rd Street and 1st Avenue in Sunset Park. Work will include final engineering and design and construction of protected bicycle facilities, broadened landscaped sidewalks, green storm water infrastructure and signage.</td>
<td>$355,000</td>
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<td>Location</td>
<td>Agency</td>
<td>Project Description</td>
<td>Cost</td>
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<tr>
<td>-------------------</td>
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<td>-------------------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Queens</td>
<td>NYCDOT</td>
<td>NYC Porous Pavement Prototype Testing and Evaluation</td>
<td>$1,200,000</td>
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</tr>
<tr>
<td>Queens</td>
<td>Office of Queens</td>
<td>The Office of the Queens Borough President, in collaboration with Coalition for Queens, will craft a Tech Zone Strategic Plan for the East River waterfront. The Strategic Plan will address critical issues of transportation, infrastructure, urban design, land use and workforce development and will seek to foster an environment that will support and encourage tech innovation industry growth and revitalization of this underutilized waterfront.</td>
<td>$150,000</td>
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</tr>
<tr>
<td>Queens</td>
<td>The Trust for Public Land</td>
<td>The Trust for Public Land will conduct a feasibility study for the QueensWay. Once constructed, the QueensWay will transform an abandoned eyesore – a 3.5-mile former rail line through the heart of Queens – into a new pedestrian path and bikeway that will connect residents from the adjacent dense and diverse neighborhoods and will serve approximately 240,000 people living within one mile of the corridor.</td>
<td>$467,000</td>
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</tr>
<tr>
<td>Nassau</td>
<td>City of Long Beach</td>
<td>The City of Long Beach will update its 2007 Comprehensive Plan (CP). The project will add strategies to the CP to increase the City's resilience to climate change and weather-related events, reduce greenhouse gas emissions, energy consumption and waste, increase use of renewables, and incorporate sustainability. The updated CP will include a new hazard mitigation plan chapter that will outline the processes for preparedness, emergency response, recovery, and long term mitigation.</td>
<td>$187,500</td>
<td></td>
</tr>
<tr>
<td>Suffolk</td>
<td>Town of Southold</td>
<td>The Town of Southold will implement the final phase of a multi-component storm water infrastructure identification and mapping project that will include the mapping and modeling of all watersheds and sub watersheds within the Town.</td>
<td>$67,910</td>
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<tr>
<td>Suffolk</td>
<td>Village of Green point</td>
<td>The Village of Green point will prepare a feasibility study to determine the best options for replacing the deteriorated bulkhead at the Village's Mitchell Park and marina. This study will be used to support the development of plans and specifications for bidding, project costs, required permits, and a consideration of potential funding and financing options for construction.</td>
<td>$92,636</td>
<td></td>
</tr>
</tbody>
</table>
Chapter VI

BUDGET SUMMARIES
## USE OF FUNDS:

<table>
<thead>
<tr>
<th></th>
<th>2015-16 FTA MPP</th>
<th>2015-16 FHWA PL</th>
<th>New Match</th>
<th>2015-16 FTA MPP</th>
<th>IN PRIOR YEARS</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td><strong>Staff:</strong></td>
<td></td>
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<tr>
<td>Central/TCC Staff</td>
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<td>$7,633,732</td>
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<td>$14,201,849</td>
<td>$0</td>
<td>$14,201,849</td>
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<td>Central/TCC Staff Consultants</td>
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<td>$3,103,974</td>
<td>$0</td>
<td>$3,103,974</td>
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<td>$17,111,006</td>
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<td><strong>Subtotal Central Staff, TCCs, Match</strong></td>
<td>$3,727,747</td>
<td>$10,737,706</td>
<td>$2,840,370</td>
<td>$17,305,823</td>
<td>$14,007,032</td>
<td>$31,312,855</td>
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<td>MTA</td>
<td>$309,340</td>
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<td>$77,335</td>
<td>$386,675</td>
<td>$1,674,966</td>
<td>$2,061,641</td>
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<td>Nassau County</td>
<td>$91,395</td>
<td>$187,160</td>
<td>$69,639</td>
<td>$348,193</td>
<td>$578,936</td>
<td>$927,129</td>
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<td>NYC Dept. City Planning</td>
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<td>$1,030,457</td>
<td>$383,414</td>
<td>$1,917,069</td>
<td>$400,000</td>
<td>$2,317,069</td>
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<td>NYC Dept. of Transportation</td>
<td>$765,980</td>
<td>$1,568,585</td>
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<td>$1,930,273</td>
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<td>Putnam County</td>
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<td>$107,538</td>
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<td>Rockland County</td>
<td>$31,311</td>
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<td>$23,857</td>
<td>$119,286</td>
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<td>Westchester County</td>
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<td>$165,274</td>
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<td><strong>Subtotal Members</strong></td>
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<td>$3,631,459</td>
<td>$1,428,533</td>
<td>$7,142,666</td>
<td>$4,940,478</td>
<td>$12,083,144</td>
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<td><strong>TOTAL</strong></td>
<td>$5,810,421</td>
<td>$14,369,165</td>
<td>$4,268,903</td>
<td>$24,448,489</td>
<td>$18,947,510</td>
<td>$43,395,999</td>
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### SOURCE OF FUNDS:

<table>
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<tr>
<th></th>
<th>2015-16 FTA MPP</th>
<th>2015-16 FHWA PL</th>
<th>New Match</th>
<th>2015-16 FTA MPP</th>
<th>IN PRIOR YEARS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FTA MPP, NY-80-0025:</strong></td>
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<td>FHWA 2015-16 PL(ESTIMATED)</td>
<td>$5,810,421</td>
<td>$14,369,165</td>
<td>$4,268,903</td>
<td>$24,448,489</td>
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<td>$24,448,489</td>
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<td>Prior Year FHWA PL, FTA MPP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$18,947,510</td>
<td>$18,947,510</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>$5,810,421</td>
<td>$14,369,165</td>
<td>$4,268,903</td>
<td>$24,448,489</td>
<td>$18,947,510</td>
<td>$43,395,999</td>
</tr>
</tbody>
</table>

FTA/FHWA split = 32.81% FTA and 67.19% FHWA, except for Central/TCC Staff Consultant studies which are funded by FHWA, and MTA which is funded by FTA.
## Non Personal Service Programmed Costs

### Central Staff

<table>
<thead>
<tr>
<th>Region</th>
<th>PIN No</th>
<th>Staff Costs</th>
<th>Personal Service Costs</th>
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*non personal service costs; i.e. equipment, travel, supplies, printing, directly related to projects.

Due to rounding, totals may differ from Council Budget by $1.

**State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015**

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## NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
### SFY 2015
#### UNIFIED PLANNING WORK PROGRAM
##### AGENCY SUMMARY

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<thead>
<tr>
<th>PIN No.</th>
<th>Personal Service Costs</th>
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<th>New FHWA PL/FTA MPP</th>
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| **Nassau County** |                          |                             |       |               |                     |
| Regional Planning | $100,435                    | $0                           | $100,435 | $0            | $100,435           |
| Programming and Analysis | $85,345                      | $0                           | $85,345 | $0            | $85,345            |
| Planning Program | $49,487                      | $0                           | $49,487 | $0            | $49,487            |
| Analytical Tools and Forecasting | $23,520                      | $0                           | $23,520 | $0            | $23,520            |
| Data Collection | $26,330                      | $0                           | $26,330 | $50,000       | $76,330            |
| MPO Operations | $33,615                      | $0                           | $33,615 | $0            | $33,615            |
| Strategic Performance Planning Projects | $165,897                     | $2,500                        | $168,397 | $390,000     | $558,397           |
| **Total Nassau County** | **$484,629**                 | **$2,500**                   | **$487,129** | **$440,000** | **$578,936** |

| **NYC Dept of City Planning** |                          |                             |       |               |                     |
| Regional Planning | $906,517                    | $2,511                       | $909,028 | $0            | $909,028           |
| Programming and Analysis | $44,645                     | $874                         | $45,519 | $0            | $45,519            |
| Planning Program | $57,781                      | $556                         | $58,337 | $0            | $58,337            |
| Analytical Tools and Forecasting | $390,043                    | $6,275                        | $396,318 | $0            | $396,318           |
| Data Collection | $7,484                      | $118                         | $7,602 | $0            | $7,602             |
| MPO Operations | $62,214                      | $280                         | $62,494 | $0            | $62,494            |
| Strategic Performance Planning Projects | $794,095                   | $3,676                        | $801,971 | $40,000      | $440,000           |
| **Total NYC Dept of City Planning** | **$2,262,779** | **$14,290** | **$2,277,069** | **$40,000** | **$2,317,069** |

| **NYC Dept of Transportation** |                          |                             |       |               |                     |
| Regional Planning | $810,004                    | $46,500                      | $856,504 | $20,000      | $876,504           |
| Programming and Analysis | $652,109                    | $0                           | $652,109 | $0            | $652,109           |
| Planning Program | $238,108                     | $0                           | $238,108 | $0            | $238,108           |
| Analytical Tools and Forecasting | $194,854                    | $0                           | $194,854 | $0            | $194,854           |
| Data Collection | $631,353                    | $22,000                      | $653,353 | $700,000     | $1,353,353         |
| MPO Operations | $154,722                     | $7,000                        | $161,722 | $0            | $161,722           |
| Strategic Performance Planning Projects | $1,228,397                 | $26,765                       | $1,255,162 | $116,667     | $1,371,829         |
| **Total NYC Dept. of Transportation** | **$3,909,547** | **$102,265** | **$4,011,812** | **$836,667** | **$4,848,479** |

*non personal service costs; ie. equipment, travel, supplies, printing, directly related to projects.

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State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015

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## NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
### SFY 2015
#### UNIFIED PLANNING WORK PROGRAM
##### AGENCY SUMMARY

<table>
<thead>
<tr>
<th>PIN No</th>
<th>Staff Costs</th>
<th>Other Costs</th>
<th>Total Costs</th>
<th>New FHWA PL/ FTA MPP</th>
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*non personal service costs; ie. equipment, travel, supplies, printing, directly related to projects.

Due to rounding, totals may differ from Council Budget by $1.

State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015
### NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
### SFY 2015
### UNIFIED PLANNING WORK PROGRAM
### AGENCY SUMMARY

<table>
<thead>
<tr>
<th>PIN No.</th>
<th>STAFF COSTS</th>
<th>CONSULTANT COST</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IN PRIOR YEARS</td>
<td>NEW FHWA PL/ FTA MPP</td>
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</tr>
<tr>
<td><strong>Regional Planning</strong></td>
<td><strong>Programmed</strong></td>
<td><strong>Personal Service</strong></td>
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<tr>
<td><strong>NYSDOT REG 8</strong></td>
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<tr>
<td>Regional Planning</td>
<td>PT0815D00.A</td>
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<tr>
<td>Programming and Analysis</td>
<td>PT0815D00.B</td>
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<tr>
<td>Planning Program</td>
<td>PT0815D00.C</td>
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<td>Analytical Tools and Forecasting</td>
<td>PT0815D00.D</td>
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<td>Data Collection</td>
<td>PT0815D00.E</td>
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<td>Strategic Performance Planning Projects</td>
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<td>$0</td>
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<td><strong>Total NYSDOT Reg 8</strong></td>
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| **Regional Planning** | | |
| **NYSDOT REG 10** | | |
| Regional Planning | PT1015D00.A | $267,598 | $0 | $267,598 | $0 | $267,598 |
| Programming and Analysis | PT1015D00.B | $107,377 | $0 | $107,377 | $0 | $107,377 |
| Planning Program | PT1015D00.C | $28,008 | $0 | $28,008 | $0 | $28,008 |
| Analytical Tools and Forecasting | PT1015D00.D | $6,066 | $0 | $6,066 | $0 | $6,066 |
| Data Collection | PT1015D00.E | $517,045 | $0 | $517,045 | $0 | $517,045 |
| MPO Operations | PT1015D00.F | $3,513 | $0 | $3,513 | $0 | $3,513 |
| Strategic Performance Planning Projects | PT1015D00.G | $0 | $0 | $0 | $0 | $0 |
| **Total NYSDOT Reg 10** | | | | $929,607 | $0 | $929,607 |

| **Regional Planning** | | |
| **NYSDOT Reg 11** | | |
| Regional Planning | PT1115D00.A | $261,790 | $0 | $261,790 | $0 | $261,790 |
| Programming and Analysis | PT1115D00.B | $196,104 | $0 | $196,104 | $0 | $196,104 |
| Planning Program | PT1115D00.C | $22,987 | $0 | $22,987 | $0 | $22,987 |
| Analytical Tools and Forecasting | PT1115D00.D | $24,345 | $0 | $24,345 | $0 | $24,345 |
| Data Collection | PT1115D00.E | $73,114 | $0 | $73,114 | $600,000 | $673,114 |
| MPO Operations | PT1115D00.F | $38,556 | $0 | $38,556 | $0 | $38,556 |
| Strategic Performance Planning Projects | PT1115D00.G | $0 | $0 | $0 | $0 | $0 |
| **Total NYSDOT Reg 11** | | | | $616,896 | $600,000 | $1,216,896 |

| **Regional Planning** | | |
| **NYSDOT Albany** | | |
| Regional Planning | PTST15D00.A | $105,288 | $680 | $105,968 | $0 | $105,968 |
| Programming and Analysis | PTST15D00.B | $143,598 | $0 | $143,598 | $0 | $143,598 |
| Planning Program | PTST15D00.C | $25,209 | $0 | $25,209 | $0 | $25,209 |
| Analytical Tools and Forecasting | PTST15D00.D | $35,811 | $320 | $36,131 | $0 | $36,131 |
| Data Collection | PTST15D00.E | $48,901 | $0 | $48,901 | $0 | $48,901 |
| MPO Operations | PTST15D00.F | $75,434 | $0 | $75,434 | $0 | $75,434 |
| Strategic Performance Planning Projects | PTST15D00.G | $0 | $0 | $0 | $0 | $0 |
| **Total NYSDOT Albany** | | | | $434,241 | $1,000 | $435,241 |

*non personal service costs; ie. equipment, travel, supplies, printing, directly related to projects.

Due to rounding, totals may differ from Council Budget by $1.

State Fiscal Year 2015-2016 UPWP. As Adopted March 12, 2015

228
## New York Metropolitan Transportation Council

**SFY 2015 Unified Planning Work Program**

**Programmed in Prior Years (Matched)**

<table>
<thead>
<tr>
<th>Central Staff / TCC Staff:</th>
<th>Programmed</th>
<th>Prior Years(^*)</th>
<th>Prior Years(^*)</th>
<th>Prior Years(^*)</th>
<th>Match(^*)</th>
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<td>IN PRIOR YEARS</td>
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<td>FHWA PL</td>
<td>MATCH(^*)</td>
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<td>programmed funds - consultant studies</td>
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Subtotal Central Staff / TCC Staff: $14,007,032

<table>
<thead>
<tr>
<th>Members:</th>
<th>Programmed</th>
<th>Prior Years(^*)</th>
<th>Prior Years(^*)</th>
<th>Prior Years(^*)</th>
<th>Match(^*)</th>
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<td>MTA</td>
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<td>Putnam</td>
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<td>Rockland</td>
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<td>Suffolk</td>
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Subtotal Members: $4,940,478

Total Central Staff, TCC & Members: $18,947,510

Budget - Total Carryover: 12/31/2014

Agrees to Council

*Central Staff - State IKS Match; Members - Local Match

* Central/TCC Staff consultant contracts are matched by toll credits approved by FHWA.
<table>
<thead>
<tr>
<th>UPWP CATEGORY/PROJECT PIN</th>
<th>UPWP Project Name</th>
<th>Contract PIN</th>
<th>Contract Name</th>
<th>Carryover</th>
<th>New Dollars</th>
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<tr>
<td>PTMH15D00.A01</td>
<td>Plan 2040 Maintenance:</td>
<td>PTMH14B11</td>
<td>MHS Tech Support (13-14) - C000785 (100T-187)</td>
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<td>PTMH15D00.A02</td>
<td>Plan 2045 Development:</td>
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<td>PTCS15D00.A04</td>
<td>Regional Freight Plan, Phase II for Plan 2045:</td>
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<td>Commodity Flows by Highway, Freighter added by Ad Mod 8/12/14 (14-15)</td>
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<td>PTCS14A12</td>
<td>Inventory of Truck Terminals, Warehouses, Distribution Centers (14-15)</td>
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<td>PTCS11A12</td>
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<td>PTCS15D00.A05</td>
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<td>Development Support (15-16)</td>
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<td>PTCS15D00.A06</td>
<td>Performance-Based Planning and Programming; Programmatic and Development:</td>
<td>PTCS13B12</td>
<td>Coordinated Plan Update (13-14) - C000785 (100T-192)</td>
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<td>PTCS15D00.A07</td>
<td>Performance-Based Planning and Programming; Programmatic and Development:</td>
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<td>Coordinated Plan Update (12-13) - C000785 (100T-192)</td>
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<tr>
<td>PTCS15D00.B01</td>
<td>Transportation Improvement Program (TIP) Management:</td>
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<td>MHS Tech Support (13-14) - C000785 (100T-187)</td>
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<td>FFYs 2017-2021 Transportation Improvement Program (TIP) Development:</td>
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<td>PTCS15D00.B03</td>
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<td>Solicitation Support (12-13)</td>
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<td>PTCS15D00.B05</td>
<td>Regional Emissions Analysis and Conformity Determination - Analytical Element:</td>
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<td>Consultant Support for Conformity Determination (15-16)</td>
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<td>PTCS15B12</td>
<td>Model Application Contractor (15-16)</td>
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<td>PTCS14B11</td>
<td>Consultant Support for Conformity (14-15)</td>
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<td></td>
<td></td>
<td>PTCS13B13</td>
<td>Consultant Support for Conformity Determination (13-14) and Model Application Support (10-11) - C000785 (100T-188)</td>
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<td>PTCS13B14</td>
<td>Model Application Contractor (13-14)</td>
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<td>200,000</td>
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<tr>
<td>PTCS15D00.B06</td>
<td>CMAQ Performance Plan:</td>
<td>PTCS13B15</td>
<td>CMAQ Performance Plan Development (13-14)</td>
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<td>200,000</td>
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<tr>
<td>PTCS15D00.D01</td>
<td>2050 Socio-Economic/Demographic (SED) Forecasts:</td>
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<td>Socio Economic Demographic Forecast Contractor (15-16)</td>
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<td>PTCS14D11</td>
<td>Socio Economic Demographic Forecast Contractor (14-15)</td>
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<td>PTCS12D12</td>
<td>Socio Economic Demographic Forecast Contractor (13-14) (100T-174) PSA3-12-03</td>
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<td>Socio Economic Demographic Forecast Contractor (12-13) (100T-174) PSA3-12-03</td>
<td>50,000</td>
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<td>PTCS12D11</td>
<td>2050 Demographic Forecasts Management Support (12-13) (100T-185) PSA3-13-17</td>
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<td>PTCS12R13</td>
<td>SED Models for 2050 Forecasts and ZAP (07-08) (09-10) (100T-171)</td>
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**NEW YORK METROPOLITAN TRANSPORTATION COUNCIL**  
**SFY 2015**  
**NYMTC Central/TCC Staff Schedule of Professional Services Contracts**  
*(Total $)*

**Model Development and Enhancement:**

<table>
<thead>
<tr>
<th>Contract Code</th>
<th>Description</th>
<th>FY 14-15</th>
<th>FY 13-14</th>
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</thead>
<tbody>
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<td>PTCS14D13</td>
<td>Model Development Tech Support Contractor (14-15)</td>
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<tr>
<td>PTCS14D12</td>
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<td>PTCS14D14</td>
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<td>PTCS14D15</td>
<td>Update MOVES (13-14)</td>
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<tr>
<td>PTCS14D16</td>
<td>SDAS: Long Range Transportation Plan (13-14)</td>
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<tr>
<td>PTCS14D17</td>
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<td>PTCS14D18</td>
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<td>PTCS14D19</td>
<td>National O/D Survey</td>
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<td>PTCS14D20</td>
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**Data Collection:**

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<th>Contract Code</th>
<th>Description</th>
<th>FY 14-15</th>
<th>FY 13-14</th>
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<tbody>
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<td>PTCS14E14</td>
<td>Explore Innovative Data Collection Approaches and Techniques (14-15)</td>
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<td>PTCS12E11</td>
<td>Data Collection for NYBPM (12-13) NYSDOT Backdrop Contract</td>
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<td>Data Collection for NYBPM (11-12) NYSDOT Backdrop Contract</td>
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**Regional Travel Surveys:**

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<th>Description</th>
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<th>FY 13-14</th>
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</thead>
<tbody>
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<td>PTCS14E11</td>
<td>Travel Surveys Contractor 1, Year 3 (14-15)</td>
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<td>Travel Surveys Contractor 6 Years 1/2 (14-15)</td>
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<td>Travel Surveys Contractor 1 (13-14) C000787 (1001-189)</td>
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<td>PTCS14E16</td>
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<td>Regional Bus O/D Survey (Independent Systems) (11-12)C000792 (1001-189)</td>
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<td>PTCS14E15</td>
<td>Regional River Crossings O/D Survey (11-12) C000792 (1001-189)</td>
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<td>PTCS13P14</td>
<td>Regional Establishment Survey (09-10) (1001-176) C000781</td>
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**MPO Operations:**

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<th>Description</th>
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<th>FY 13-14</th>
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<tr>
<td>PTCS15F11</td>
<td>Fulfillment Services (15-16)</td>
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<td>GIS/Web-Based Application Support Contractor (15-16)</td>
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<td>PTCS15F13</td>
<td>IT Support Contractor(s) (15-16)</td>
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<td>PTCS15F14</td>
<td>Language Access Services (15-16)</td>
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<td>Fulfillment Services (14-15)</td>
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<td>PTCS14F12</td>
<td>GIS/Web-Based Application Support Contractor (14-15)</td>
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<td>Language Access Services (14-15)</td>
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<td>IT Support Contractor (11-12)</td>
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<td>PTCS12P19</td>
<td>Development of TIG (09-10) - C000774 (1001-172)</td>
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<td>MHS Tech Support (13-14) - C000788 (1001-187)</td>
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<td>Public Affairs Contractor (15-16)</td>
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<td>PTCS15F17</td>
<td>Website Maintenance (15-16)</td>
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<td>PTCS15D00.F03</td>
<td>Planning, Programming and Performance Management System:</td>
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<td>PTCS15F17</td>
<td>SharePoint Architecture and Development (15-16)</td>
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**Strategic Performance Planning Projects:**

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<th>Description</th>
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<th>FY 14-15</th>
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<td>PTCS15D00.G02</td>
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<tr>
<td>Project Code</td>
<td>Project Description</td>
<td>Carryover</td>
<td>New Dollars</td>
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<tr>
<td>PTCS15G12</td>
<td>Facilitate Community Workshops (15-16)</td>
<td>35,000</td>
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</table>

**TOTAL**

- Total Carryover: 14,007,032
- Total New Dollars: 3,103,974
- Grand Total of Carryover + New Dollars: 17,111,006

*Central/TCC Staff contracts are matched by toll credits approved by FHWA.*
New York Metropolitan Transportation Council
SFY 2015-2016 Unified Planning Work Program
NYMTC Staff Professional Services Contract Description

<table>
<thead>
<tr>
<th>PIN</th>
<th>NAME</th>
<th>Contract Name</th>
<th>MHSTCC Tech Support (13-14)</th>
</tr>
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<tbody>
<tr>
<td>PTMH15D00.A01</td>
<td>PLAN 2040 MAINTENANCE</td>
<td>PL Number: 100T-187</td>
<td>Contract PIN: PTMH14B11</td>
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<tr>
<td>Start Date: 5/1/2014</td>
<td>End Date: 6/30/2017</td>
<td>Contract Number: C000785</td>
<td>Consultant: Cambridge Systematics</td>
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<tr>
<td>Contract Amount: $20,250 - Carryover - FHWA</td>
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</table>

Consultant Contract Description
This Consultant Contract relates to the project: Plan 2040 Maintenance (.A01)
Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.

Contract Deliverables:
1. Progress Reports

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<tr>
<td>PTMH15D00.A02</td>
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</table>

Consultant Contract Description
This Consultant Contract relates to the project: Plan 2045 Development (.A02)
Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.
Contract Deliverables:
1. Progress Reports

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<tr>
<th>PIN</th>
<th>NAME</th>
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<tbody>
<tr>
<td>PTCS15D00.A03</td>
<td>CONGESTION MANAGEMENT PROCESS</td>
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Contract Name: Update CMP Status Report (15-16)

<table>
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<tr>
<th>PL Number:</th>
<th>To Be Determined</th>
<th>Contract PIN:</th>
<th>PTCS15A11</th>
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<tbody>
<tr>
<td>Est. Start Date:</td>
<td>12/1/2015</td>
<td>End Date:</td>
<td>2 Years After Contract Execution</td>
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<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
<td>To Be Determined</td>
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</table>

Contract Amount: $200,000 - New Funds - FHWA

Estimated NYMTC Staff Budget Associated with contract for 2015-16: $20,000

Consultant Contract Description
This Consultant Contract relates to the project: Congestion Management Process (.A03)

The Scope of Work is being developed for this Consultant Contract.

The Tasks for this Consultant Contract will include (1) Review on 2013 CMP Status Report and all current Federal Requirements for CMP (2) Update all performance measures and integrate new performance measures (3) Work with members to update all chapters/section of the 2013 CMP Status Report (4) Perform all GIS work required for update (5) Assist with public outreach (6) Produce draft and final reports.

Contract Deliverables:
1. Update all performance measures and integrate new performance measures
2. Work with members to update all chapters/section of the 2013 CMP Status Report
3. Draft and Final Reports

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<thead>
<tr>
<th>PIN</th>
<th>NAME</th>
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</thead>
<tbody>
<tr>
<td>PTCS15D00.A04</td>
<td>REGIONAL FREIGHT PLAN, PHASE II for PLAN 2045</td>
</tr>
</tbody>
</table>

Contract Name: Commodity Flows by Hway Freight Corridor, added by Admin Mod 8/12/14 (14-15)

<table>
<thead>
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<th>To Be Determined</th>
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<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
<td>To Be Determined</td>
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</tbody>
</table>

Contract Amount: $30,000 - Carryover - FHWA

Consultant Contract Description
This Consultant Contract relates to the project: Regional Freight Plan, Phase II for Plan 2045 (.A04)
The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will assist NYMTC with preparing an updated Freight Plan. It has completed the first phase called the Interim Freight Plan. We need to know what commodity is moving along a corridor. In order to have a complete picture of where freight is moving it will be important to know what commodities are moving on the highway network. There are many methods that can be used to determine this. In addition it also will fit in with the Performance-Based Planning and Programming as it comes into play.

**Contract Deliverables:**
1. Corridor Commodity flow data

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<tbody>
<tr>
<td>PTCS15D00.A04</td>
<td>REGIONAL FREIGHT PLAN, PHASE II for PLAN 2045</td>
</tr>
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</table>

**Contract Name:** Inventory of Truck Terminals, Warehouses, Distribution Centers (14-15)

<table>
<thead>
<tr>
<th>PL Number:</th>
<th>To Be Determined</th>
<th>Contract PIN:</th>
<th>PTCS14A12</th>
</tr>
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<tr>
<td>Est. Start Date:</td>
<td>10/1/2015</td>
<td>End Date:</td>
<td>1 Year After Contract Execution</td>
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<tr>
<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
<td>To Be Determined</td>
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</tbody>
</table>

**Contract Amount:** $100,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Freight Plan, Phase II for Plan 2045 (.A04)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide an inventory of the existing trucking and storage facilities in NYMTC area. It is a continuation of surveys conducted by NYMTC in 1995 and 2001 which resulted in the publication of the Truck Terminal and Warehouse Survey Results report.

**Contract Deliverables:**
1. Assemble a database of facilities, description of characteristics, comparison with previous survey results.
2. Geographic location of facilities with xy coordinates and mapped using ArcGIS
3. Final Report

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<th>PIN</th>
<th>NAME</th>
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<tbody>
<tr>
<td>PTCS15D00.A04</td>
<td>REGIONAL FREIGHT PLAN, PHASE II for PLAN 2045</td>
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</table>

**Contract Name:** Regional Freight Plan Update - Full Procurement - Phase II (11-12)

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<th>PL Number:</th>
<th>To Be Determined</th>
<th>Contract PIN:</th>
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<td>Contract Number:</td>
<td>C000790</td>
<td>Consultant:</td>
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</table>

**Contract Amount:** $600,000 - Carryover - FHWA
Consultant Contract Description
This Consultant Contract relates to the project: Regional Freight Plan, Phase II for Plan 2045 (.A04)

Finalizing Consultant Selection for this Consultant Contract.

This Consultant Contract, as part of the development of the draft Plan, will include a major update of NYMTC’s multi-modal Regional Freight Plan as a special element. This update will include rail, truck, air, intermodal and waterborne elements. The updated Freight Plan will be a "purpose built" document designed to assist decision makers to understand the freight issues locally, regionally, and nationally, and internationally. In addition, the Freight Plan will stress the regional nature of the freight system and the role the member agencies play in assuring the integrity of the system. This is the follow up to Interim Regional Freight Plan underway during 2012/2013 and 2013/2014. Funds allocated to this in 2011. Total cost of this consultant work is $750,000. $150,000 was spent in 2013-14 for the Interim Regional Freight Plan.

Contract Deliverables:
1. Updated Multi-Modal Regional Freight Plan

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<th>NAME</th>
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<tr>
<td>PTCS15D00.A06</td>
<td>PERFORMANCE-BASED PLANNING &amp; PROGRAMMING; PROGRAMMATIC DEVELOPMENT</td>
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**Contract Name:** Development Support (15-16)

- **PL Number:** To Be Determined
- **Est. Start Date:** 12/1/2015
- **Contract Number:** To Be Determined
- **Contract PIN:** PTCS15A12
- **End Date:** 2 Years After Contract Execution
- **Consultant:** To Be Determined

**Contract Amount:** $250,000 - New Funds - FHWA

Estimated NYMTC Staff Budget Associated with contract for 2015-16: $25,000

Consultant Contract Description
This Consultant Contract relates to the project: Performance-Based Planning & Programming; Programmatic Development (.A06)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide support the development of operating procedures, revisions to the metropolitan planning agreement, and performance targets.

Contract Deliverables:
1. Progress Reports

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<th>NAME</th>
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<tbody>
<tr>
<td>PTCS15D00.A06</td>
<td>PERFORMANCE-BASED PLANNING &amp; PROGRAMMING; PROGRAMMATIC DEVELOPMENT</td>
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</table>

**Contract Name:** Development Support (13-14)
**Contract Number:** To Be Determined  
**Consultant:** To Be Determined  
**Contract Amount:** $70,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Performance-Based Planning & Programming; Programmatic Development (.A06)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide support the development of operating procedures, revisions to the metropolitan planning agreement, and performance targets.

**Contract Deliverables:**
1. Progress Reports

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<th>PIN</th>
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<tbody>
<tr>
<td>PTMH15D00.A06</td>
<td>PERFORMANCE-BASED PLANNING &amp; PROGRAMMING; PROGRAMMATIC DEVELOPMENT</td>
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</table>

**Contract Name:** MHSTCC Tech Support (13-14)

**Contract Number:** 100T-187  
**Consultant:** Cambridge Systematics  
**Contract Amount:** $20,050 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Performance-Based Planning & Programming; Programmatic Development (.A06)

Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.

**Contract Deliverables:**
1. Progress Reports

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<tr>
<th>PIN</th>
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<tbody>
<tr>
<td>PTCS15D00.A08</td>
<td>COORDINATED PUBLIC TRANSIT-HUMAN SERVICES TRANSPORTATION PLAN - MAP-21 UPDATE</td>
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</table>
**Contract Name:** Coordinated Plan Update (13-14)

**PL Number:** 100T-192  
**Start Date:** 10/8/2014  
**End Date:** 12/31/2016  
**Contract Number:** C000785  
**Consultant:** Cambridge Systematics  

**Contract PIN:** PTCS13B12  
**Contract Amount:** $67,500 - Carryover - FHWA

**Consultant Contract Description**  
This Consultant Contract relates to the project: Coordinated Public Transit-Human Services Transportation Plan (.A08)

Awaiting final approval for this Consultant Contract.

This Consultant, with the assistance of the NYMTC project manager, plan and execute meetings and the coordination of the group; access existing conditions of data and document inventory; conduct public outreach; identify strategies and develop an implementation plan; prepare draft and final report; facilitate public workshops.

**Contract Deliverables:**
1. Progress Reports  
2. Updated Coordinated Public Transit-Human Services Plan

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<tr>
<th>PIN</th>
<th>NAME</th>
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<tbody>
<tr>
<td>PTCS15D00.A08</td>
<td>COORDINATED PUBLIC TRANSIT-HUMAN SERVICES TRANSPORTATION PLAN - MAP-21 UPDATE</td>
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**Contract Name:** Coordinated Plan Update (12-13)

**PL Number:** 100T-192  
**Start Date:** 10/8/2014  
**End Date:** 12/31/2016  
**Contract Number:** C000785  
**Consultant:** Cambridge Systematics  

**Contract PIN:** PTCS13B12  
**Contract Amount:** $184,548 - Carryover - FHWA

**Consultant Contract Description**  
This Consultant Contract relates to the project: Coordinated Public Transit-Human Services Transportation Plan (.A08)

Awaiting final approval for this Consultant Contract.

This Consultant, with the assistance of the NYMTC project manager, plan and execute meetings and the coordination of the group; access existing conditions of data and document inventory; conduct public outreach; identify strategies and develop an implementation plan; prepare draft and final report; facilitate public workshops.

**Contract Deliverables:**
1. Progress Reports  
2. Updated Coordinated Public Transit-Human Services Plan
This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.

**Contract Deliverables:**
1. Progress Reports

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.
Contract Deliverables:
1. Progress Reports

PIN          NAME
PTCS15D00.B03 GRANT PROGRAM SOLICITATIONS

Contract Name: Solicitation Support (12-13)

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<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
<td>To Be Determined</td>
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Contract Amount: $200,000 - Carryover - FHWA

Consultant Contract Description
This Consultant Contract relates to the project: Grant Program Solicitations (.B03)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will undertake the solicitation and selection of project proposals under the CMAQ, TAP and enhanced Section 5310 funding programs during the program year, as required.

Contract Deliverables:
1. Operating procedures for TAP based on new federal rulemaking
2. Rated and ranked list of project proposals for each of the grant programs
3. List of selected projects for each of the grant programs

PIN          NAME
PTMH15D00.B03 GRANT PROGRAM SOLICITATIONS

Contract Name: MHSTCC Tech Support (13-14)

<table>
<thead>
<tr>
<th>PL Number:</th>
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<td>Cambridge Systematics</td>
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</table>

Contract Amount: $40,500 - Carryover - FHWA

Consultant Contract Description
This Consultant Contract relates to the project: Grant Program Solicitations (.B03)

Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.
**Contract Deliverables:**

1. Progress Reports

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<tr>
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<td>REGIONAL EMISSIONS ANALYSIS AND CONFORMITY DETERMINATION - PROGRAMMATIC ELEMENT</td>
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**Contract Name:** MHSTCC Tech Support (13-14)

<table>
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</tr>
<tr>
<td>Contract Number:</td>
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<td>Consultant:</td>
<td>Cambridge Systematics</td>
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</table>

**Contract Amount:** $101,250 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Programmatic Element (.B04)

Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.

**Contract Deliverables:**

1. Progress Reports

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<tr>
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<td>REGIONAL EMISSIONS ANALYSIS AND CONFORMITY DETERMINATION - ANALYTICAL ELEMENT</td>
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**Contract Name:** Consultant Support for Conformity Determination (15-16)

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<td>1/1/2016</td>
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<td>Contract Number:</td>
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<td>To Be Determined</td>
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</table>

**Contract Amount:** $175,000 - New Funds - FHWA

**Estimated NYMTC Staff Budget Associated with contract for 2015-16:** $17,500

**Consultant Contract Description**

This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Analytical Element (.B05)
The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will continue to support NYMTC to meet the changing regulatory requirements and/or software modifications for Conformity analysis. The consultant will also provide support on transit operational changes, MOVES applications, and responding to ICG directives.

**Contract Deliverables:**
1. Coded project scope and description into the Best Practice Model (NYBPM)
2. Perform quality control for NYBPM and post-processing runs
3. Maintain and modify software with latest assumptions to meet conformity requirements
4. Produce an updated transit networks for each conformity determination
5. Updated documents for coding methodology and any upgrades

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<tr>
<td>PTCS15D00.B05</td>
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<td>ANALYTICAL ELEMENT</td>
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</table>

**Contract Name:** Model Application Contractor (15-16)

**PL Number:** To Be Determined
**Start Date:** 10/1/2015
**Contract Number:** To Be Determined
**Contract PIN:** PTCS15B12
**End Date:** 2 Years After Contract Execution
**Consultant:** To Be Determined

**Estimated NYMTC Staff Budget Associated with contract for 2015-16:** $22,500

**Contract Amount:** $225,000 - New Funds - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Analytical Element (.B05)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is needed as a resource during the conformity analysis done at least twice a year. This resource is required to meet these tight deadlines for the Federal Requirement for Conformity Determination. The contractor is also needed to provide support for-‘Other model Application Work’ which need some special expertise not available in house.

**Contract Deliverables:**
1. Code project information collected into the components of the New York Best Practice Model (NYBPM)
2. Execute and perform quality control for model and post-processing model analyses.
3. Assist preparation of draft and final conformity determination
4. Maintain and modify software to meet requirements for each conformity determination
5. Produce NYBPM and PPSuite result summary and analysis for conformity determinations

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<tr>
<td>PTCS15D00.B05</td>
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<td>ANALYTICAL ELEMENT</td>
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</table>
**Contract Name:** Consultant Support for Conformity Determination (14-15)

**PL Number:** To Be Determined  
**Contract PIN:** PTCS14B11  
**Est. Start Date:** 12/31/2015  
**End Date:** 1 Year After Contract Execution  
**Contract Number:** To Be Determined  
**Consultant:** To Be Determined

**Contract Amount:** $150,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Analytical Element (.B05)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will continue to support NYMTC to meet the changing regulatory requirements and/or software modifications for Conformity analysis. The consultant will also provide support on transit operational changes, MOVES applications, and responding to ICG directives.

**Contract Deliverables:**
1. Coded project scope and description into the Best Practice Model (NYBPM)
2. Perform quality control for NYBPM and post-processing runs
3. Maintain and modify software with latest assumptions to meet conformity requirements
4. Produce an updated transit networks for each conformity determination
5. Updated documents for coding methodology and any upgrades

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<tbody>
<tr>
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<td>REGIONAL EMISSIONS ANALYSIS AND CONFORMITY DETERMINATION - ANALYTICAL ELEMENT</td>
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</table>

**Contract Name:** Conformity and Model Application Support (13-14)

**PL Number:** 100T-188  
**Start Date:** 5/6/2014  
**Contract PIN:** PTCS13B13  
**Contract Number:** C000785  
**End Date:** 5/31/2017  
**Consultant:** Parsons Brinckerhoff

**Contract Amount:** $215,000 - Carryover- FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Analytical Element (.B05)

This Consultant Contract will support NYMTC to meet the new regulatory requirements for the conformity analysis. For every conformity determination the software needs to be modified to meet the specification of individual runs based on changing requirements, changing operations, and ICG directives. The consultant will provide support on problem solving and training for 2-3 conformity runs.

**Contract Deliverables:**
1. Coded project scope and description into the Best Practice Model (NYBPM)
2. Perform quality control for NYBPM and post-processing runs
3. Maintain and modify software with latest assumptions to meet conformity requirements
4. Produce an updated transit networks for each conformity determination
5. Updated documents for coding methodology and any upgrades

PIN
PTCS15D00.B05  NAME
PTCS15D00.B05  REGIONAL EMISSIONS ANALYSIS AND CONFORMITY DETERMINATION - ANALYTICAL ELEMENT

**Contract Name:** Model Application Contractor (13-14)

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**Contract Amount:** $200,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Emissions Analysis and Conformity Determination - Analytical Element (.B05)

This Consultant Contract is needed as a resource during the conformity analysis done at least twice a year. This resource is required to meet these tight deadlines for the Federal Requirement for Conformity Determination. The contractor is also needed to provide support for ‘Other model Application Work’ which need some special expertise not available in house.

**Contract Deliverables:**
1. Code project information collected into the components of the New York Best Practice Model (NYBPM)
2. Execute and perform quality control for model and post-processing model analyses.
3. Assist preparation of draft and final conformity determination
4. Maintain and modify software to meet requirements for each conformity determination
5. Produce NYBPM and PPSuite result summary and analysis for conformity determinations

PIN
PTCS15D00.B06  NAME
PTCS15D00.B06  CMAQ PERFORMANCE PLAN

**Contract Name:** CMAQ Performance Plan Development (13-14)

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<td>Contract Number:</td>
<td>To Be Determined</td>
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**Contract Amount:** $200,000 - Carryover- FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: CMAQ Performance Plan (.B06)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will develop a performance plan that includes an area baseline level for traffic
This Consultant Contract will develop a performance plan that includes an area baseline level for traffic congestion and on-road mobile source emissions; describes progress made in achieving the performance targets; and includes a description of projects identified for funding and how such projects will contribute to achieving emission and traffic congestion reduction targets.

**Contract Deliverables:**
1. CMAQ Performance Plan for NYMTC

**Estimated NYMTC Staff Budget Associated with contract for 2015-16:** $22,000

**Consultant Contract Description**
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is for a continuation of an on-site Consultant for Demographic and Economic Services. The consultant will develop and analyze socioeconomic and demographic forecasts for the NYMTC region. Provide the necessary forecast data to the Models Section for Best Practice Model (BPM), and to the Planning Group for the update of the Regional Transportation Plan (RTP).

**Contract Deliverables:**
1. Using existing models run various scenarios and analyze findings.
2. Produce analytical reports on demographic and socioeconomic trends in the New York metropolitan region
3. Maintain data files in Access, Excel and on GIS platform for demographic and socioeconomic data at the census tract and TAZ levels
4. Update and maintain Project Development Inventory.
5. Arrange FWG meetings, and prepare meeting minutes.
6. Answer data requests in a timely manner and maintain Forecasting web page on NYMTC’s website.
**Consultant Contract Description**
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

1. This Consultant Contract is for a continuation of an on-site Consultant for Demographic and Economic Services. The consultant will develop and analyze socioeconomic and demographic forecasts for the NYMTC region. Provide the necessary forecast data to the Models Section for Best Practice Model (BPM), and to the Planning Group for the update of the Regional Transportation Plan (RTP).

**Contract Deliverables:**
1. Using existing models run various scenarios and analyze findings.
2. Produce analytical reports on demographic and socioeconomic trends in the New York metropolitan region.
3. Maintain data files in Access, Excel and on GIS platforms for demographic and socioeconomic data at the census tract and TAZ levels.
4. Update and maintain Project Development Inventory.
5. Arrange FWG meetings, and prepare meeting minutes.
6. Answer data requests in a timely manner and maintain Forecasting website on NYMTC’s website.

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**PIN**
**NAME**
PTCS15D00.D01 2050 SOCIO-ECONOMIC / DEMOGRAPHIC (SED) FORECASTS

**PL Number:** 100T-174  
**Contract PIN:** PTCS12D12  
**Start Date:** 5/1/2013  
**End Date:** 5/31/2015  
**Contract Number:** C000787  
**Consultant:** The Louis Berger Group  
**Contract Amount:** $160,000 - Carryover - FHWA

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**Consultant Contract Description**
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

1. This Consultant Contract is for a continuation of an on-site Consultant for Demographic and Economic Services. The consultant will develop and analyze socioeconomic and demographic forecasts for the NYMTC region. Provide the necessary forecast data to the Models Section for Best Practice Model (BPM), and to the Planning Group for the update of the Regional Transportation Plan (RTP).

**Contract Deliverables:**
1. Using existing models run various scenarios and analyze findings.
2. Produce analytical reports on demographic and socioeconomic trends in the New York metropolitan region.
3. Maintain data files in Access, Excel and on GIS platforms for demographic and socioeconomic data at the census tract and TAZ levels.
4. Update and maintain Project Development Inventory.
5. Arrange FWG meetings, and prepare meeting minutes.
6. Answer data requests in a timely manner and maintain Forecasting website on NYMTC’s website.

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**PIN**
**NAME**
PTCS15D00.D01 2050 SOCIO-ECONOMIC / DEMOGRAPHIC (SED) FORECASTS

**Contract Name:** 2050 SOCIO-ECONOMIC / DEMOGRAPHIC (SED) FORECASTS

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**Consultant Contract Description**
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

1. This Consultant Contract is for a continuation of an on-site Consultant for Demographic and Economic Services. The consultant will develop and analyze socioeconomic and demographic forecasts for the NYMTC region. Provide the necessary forecast data to the Models Section for Best Practice Model (BPM), and to the Planning Group for the update of the Regional Transportation Plan (RTP).

**Contract Deliverables:**
1. Using existing models run various scenarios and analyze findings.
2. Produce analytical reports on demographic and socioeconomic trends in the New York metropolitan region.
3. Maintain data files in Access, Excel and on GIS platforms for demographic and socioeconomic data at the census tract and TAZ levels.
4. Update and maintain Project Development Inventory.
5. Arrange FWG meetings, and prepare meeting minutes.
6. Answer data requests in a timely manner and maintain Forecasting website on NYMTC’s website.

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**PIN**
**NAME**
PTCS15D00.D01 2050 SOCIO-ECONOMIC / DEMOGRAPHIC (SED) FORECASTS

**Contract Name:** 2050 SOCIO-ECONOMIC / DEMOGRAPHIC (SED) FORECASTS

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State Fiscal Year 2015-2016 UPWP As Adopted March 12, 2015 246
Consultant Contract Description
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

This Consultant Contract is for a continuation of an on-site Consultant for Demographic and Economic Services. The consultant will develop and analyze socioeconomic and demographic forecasts for the NYMTC region. Provide the necessary forecast data to the Models Section for Best Practice Model (BPM), and to the Planning Group for the update of the Regional Transportation Plan (RTP).

Contract Deliverables:
1. Using existing models run various scenarios and analyze findings.
2. Produce analytical reports on demographic and socioeconomic trends in the New York metropolitan region.
3. Maintain data files in Access, Excel and on GIS platform for demographic and socioeconomic data at the census tract and TAZ levels.
4. Update and maintain Project Development Inventory.
5. Arrange FWG meetings, and prepare meeting minutes.
6. Answer data requests in a timely manner and maintain Forecasting web page on NYMTC’s website.

Contract Name: 2050 Demographic Forecasts Management Support (12-13)

Consultant Contract Description
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

This Consultant Contract will provide support to reconcile the two sets of employment forecasts for NYC (NYCDCP and NYMTC Consultant) and provide recommendations to the Forecasting Working Group. The development of the 2050 SED forecasts will be more complex than previous forecasts as three scenarios (low, medium, and high) will be developed for each forecast years.

Contract Deliverables:
1. Progress Reports
2. Technical Memorandums
**Contract Name:** SED Models for 2050 Forecasts and ZAP (07-08) - (09-10)

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<td>Contract Number:</td>
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<td>Consultant:</td>
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**Contract Amount:** $400,000 - Carryover - FHWA

**Contract Delivery Description**
This Consultant Contract relates to the project: 2050 Socio-Economic/Demographic (SED) Forecasts (.D01)

This Consultant contract is to develop the demographic and socioeconomic models for 2040 forecasts and a ZAP to generate the 16 required input variables to New York Best Practice Model (NYBPM). Also, the SED model has to have capability to generate forecasts for the years beyond 2040. This Consultant Contract will also evaluate the existing NYMTC LUM, update/replace and integrate it with BPM with proper feedback. The LUM predicts future development and land use patterns as well as TAZ-level allocations of regional growth that are fundamental inputs to NYBPM. The LUM TAZ allocation will replace the simple manual allocation of SED data to TAZ that is currently used. It also enables policy and scenario analysis for the impacts on land use of transportation programs and vice versa.

**Contract Deliverables:**

1. Coordination and participation at periodic meetings (as needed) with the TAC and the Steering Committee, convened by the NYMTC project manager. Preparation of meetings agenda and meeting minutes.
2. White Paper describing in detail the methodology to be used in developing the forecasts.
3. Technical memorandum (TM) describing all the forecast variables to be used in the proposed SED model(s), the data collection methodology, the data dictionary, and the electronic data in the pre-determined formats required by the proposed model(s).
4. Technical memorandum summarizing and analyzing existing trends and factors relevant for forecasting.
5. Technical memorandum that describes in clear and concise language the theoretical basis underlying the modeling method for each of the variables. It shall include all the formulas / algorithms and any relevant assumptions that underlie each of the models. Bibliography and supporting documentation of sources, techniques and methodologies used in constructing the models shall be included.

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**Contract Name:** Model Development Tech Support Contractor (14-15)

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**Contract Amount:** $440,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract will provide technical support to assist with various tasks associated with the model.
This Consultant Contract will provide technical support to assist with various tasks associated with the model development projects that are essential for NYMTC to fulfill Federal requirements as the MPO for the NYMTC region. These projects include development and enhancement of travel demand models, post processor and CMP.

**Contract Deliverables:**
1. Prepare meeting notes and technical memoranda that describe the working efforts, record the updating status, and summarize the testing results.

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**Contract Name:** PPS-AQ and PPS-CMP Hosting, Maintenance and Backup (14-15)

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**Contract Amount:** $375,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will Host PPS-AQ and PPS-CMP on a server maintained and supported at Cornell. Providing maintenance, back up and technical support for PPS-AQ and PPS-CMP for conformity and accommodate changes to functionality of PPS-AQ due to changes in conformity requirement.

**Contract Deliverables:**
1. Data Backup and Technical Support

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<td>PTCS15D00.D02</td>
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**Contract Name:** Model Development Tech Support Contractor (13-14)

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<td>C000785</td>
<td>Consultant:</td>
<td>Cambridge Systematics</td>
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**Contract Amount:** $220,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

An on site consultant to provide technical support to assist with various tasks associated with the model development projects that are essential for NYMTC to fulfill Federal requirements as the MPO for the NYMTC region. These projects include development and enhancement of travel demand models, post
Contract Deliverables:
1. Prepare meeting notes and technical memoranda that describe the working efforts, record the updating status, and summarize the testing results.

Consultant Contract Description
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract will maintain and host the web based PIMS software by NJIT and develop the new project information sheets for highway and transit operational data collection and update all existing detail project information sheets as required.

Contract Deliverables:
1. New project information sheets for new projects
2. Updated project information sheets for existing projects
3. Technical Support

Consultant Contract Description
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract will Host PPS-AQ and PPS-CMP on a server maintained and supported at Cornell. Providing maintenance, back up and technical support for PPS-AQ and PPS-CMP for conformity and accommodate changes to functionality of PPS-AQ due to changes in conformity requirement.
**Contract Deliverables:**
1. Data Backup and Technical Support

**PIN**
PTCS15D00.D02

**NAME**
MODEL DEVELOPMENT AND ENHANCEMENT

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**Contract Name:** Update MOVES (13-14)

**PL Number:** To Be Determined  
**Contract PIN:** PTCS13D15  
**Est. Start Date:** 10/1/2015  
**End Date:** 1 Year after Contract Execution  
**Contract Number:** To Be Determined  
**Consultant:** To Be Determined

**Contract Amount:** $150,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will accommodate changes to the functionality of PPS-AQ and PPS-CMP due to changes in the EPA MOVES and NYBPM. It will also accommodate changes to hardware, network, and configurations on client computers that affect the usage of PPS and update of data in response to NYSDEC and NYSDOT.

**Contract Deliverables:**
1. Upgraded PPS to reflect USEPA’s MOVES update
2. Technical Support
3. User Documentation

---

**Contract Name:** MOVES and Post Processor Software Upgrade (12-13)

**PL Number:** 100T-183  
**Contract PIN:** PTCS13D15  
**Est. Start Date:** 12/18/2013  
**End Date:** 12/31/2015  
**Contract Number:** C030794  
**Consultant:** UTRC

**Contract Amount:** $200,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract is to be responsive to the conformity requirements. The post processor software needs to be updated incorporating new version of MOVES for calculation of transportation emission and Air Quality Conformity. This consultant task was added by admin. mod. 5/6/2013 with $200,000 c/o funds.

**Contract Deliverables:**
1. Upgraded PPS to reflect USEPA’s MOVES update
2. Technical Support
3. User Documentation

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**Contract Name:** NYBPM 2012 Base Year (NYBPM 2.0) (12-13)

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**Contract Amount:** $2,500,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

Consultant Selection is being finalized for this Consultant Contract.

This Consultant Contract will update and improve the regional travel demand model – NYBPM, to conform to the requirements of Federal regulations in applying sound and latest planning assumptions in the development of transportation plans. NYBPM needs to be redeveloped based on the new regional household survey incorporating latest practices in model development.

**Contract Deliverables:**
1. Completed 2012 Base Year NYBPM with all supporting Data
2. Final documentation and user manual for 2012 Base Year NYBPM

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**Contract Name:** PIMS Maintenance and Hosting. Added by admin. Modif 6/9/2014

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**Contract Amount:** $100 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract will maintain and host the web based PIMS software by NJIT and develop the new project information sheets for highway and transit operational data collection and update all existing detail project information sheets as required.

**Contract Deliverables:**
1. New project information sheets for new projects
2. Updated project information sheets for existing projects
3. Technical Support
**Contract Name:** Update MOVES (12-13)

- **PL Number:** To Be Determined
- **Contract PIN:** PTCS13D15
- **Est. Start Date:** 10/1/2015
- **End Date:** 1 Year after Contract Execution
- **Contract Number:** To Be Determined
- **Consultant:** To Be Determined
- **Contract Amount:** $80,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will accommodate changes to the functionality of PPS-AQ and PPS-CMP due to changes in the EPA MOVES and NYBPM. It will also accommodate changes to hardware, network, and configurations on client computers that affect the usage of PPS and update of data in response to NYSDEC and NYSDOT.

**Contract Deliverables:**
1. Upgraded PPS to reflect USEPA’s MOVES update
2. Technical Support
3. User Documentation

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**Contract Name:** Model Software Technical Support (11-12)

- **PL Number:** To Be Determined
- **Contract PIN:** PTCS11D13
- **Est. Start Date:** 10/1/2015
- **End Date:** 2 Years after Contract Execution
- **Contract Number:** To Be Determined
- **Consultant:** To Be Determined
- **Contract Amount:** $350,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is to provide technical support in case any new model development or unforeseen projects are required by member agencies or change of version and software compatibility issues needs the involvement of the software developers including requirements by MAP21, changes in PPS. For this purpose $350K will be transferred from NYBPM on Web (11-12).

**Contract Deliverables:**
1. Help Desk and Direct Technical Support, Training, and BPM User Group Meetings
2. Development & Initial Implementation of Web-based NYBPM Help System
3. Technical Support - Task Orders
4. BPM Software Correction
5. BPM User Documentation

PIN
PTCS15D00.D02  MODEL DEVELOPMENT AND ENHANCEMENT

**Contract Name:** Best Practices Model Transcad Enhancements & Develop Graphic User Interface

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<td>Contract Number:</td>
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**Contract Amount:** $20,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Model Development and Enhancement (.D02)

This Consultant Contract is to develop a new Graphical User Interface for BPM and provide analysis/reporting tool. Also will improve the functionality of transit component and add web application feature to the software. A supplemental agreement was added to this contract to enhance the existing transit component of NYMTC’s NYBPM so it is better able to replicate transit travel in the region and to complement Model’s functionality that is currently used for Regional Conformity Analysis, the Regional Transportation Plan, and other studies in the region.

**Contract Deliverables:**
1. Biweekly meeting agendas and minutes for meetings with the Project Manager.
2. Work plan and schedule updates.
3. Technical Memoranda in draft and final formats.
4. Enhanced (or Refined) NYBPM Transit Component Procedures and Software including source code for the model scripts with installation procedures, a User Guide and online help.
5. Training for NYMTC and member agencies.

PIN
PTCS15D00.E01  DATA COLLECTION FOR THE NYBPM, PBPP AND REQUIRED MANAGEMENT SYSTEMS

**Contract Name:** Explore Innovative Data Collection Approaches and Techniques (14-15)

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<td>Contract Number:</td>
<td>To Be Determined</td>
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**Contract Amount:** $100,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Data Collection for the NYBPM, PBPP and Required Management Systems (.E01)
Proposals are being evaluated for this Consultant Contract

This Consultant Contract will identify and describe rapidly emerging new methods of personal travel data collection, a first step in the development of travel models relevant to the mid 21st Century.

**Contract Deliverables:**
1. A technical memo on the cost benefit analysis of undertaking the alternative data collection methods identified
2. A technical memo describing the assumptions and the methodology of the cost models and their implications on NYMTC’s data collection and modeling to address Long Range Transportation Planning and other required work products.
3. A technical memo describing Recommendations for NYMTC’s Data Collection Activities
4. A presentation to the NYMTC staff and members
5. Draft and Final Report: Culmination of Tasks 1, 2, and 3. 20 paper copies and in MS Word electronic file format, detailing the tasks described above.

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<td>PTCS15D00.E01</td>
<td>DATA COLLECTION FOR THE NYBPM, PBPP AND REQUIRED MANAGEMENT SYSTEMS</td>
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</table>

**Contract Name:**  Data Collection for NYBPM (12-13) (NYSDOT Backdrop Contract)

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<tbody>
<tr>
<td>Start Date:</td>
<td>1/1/2014</td>
<td>End Date:</td>
<td>1 Year after contract execution</td>
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<tr>
<td>Contract Number:</td>
<td>NYSDOT Backdrop Contr</td>
<td>Consultant:</td>
<td>To Be Determined</td>
</tr>
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</table>

**Contract Amount:** $50,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Data Collection for the NYBPM, PBPP and Required Management Systems (.E01)

The Consultant Contract will collect Traffic Volume and Vehicle Classification and Occupancy counts on selected screenline locations.

**Contract Deliverables:**
1. Traffic Volume and Vehicle Classification Data on selected streamline locations

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<tbody>
<tr>
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<td>DATA COLLECTION FOR THE NYBPM, PBPP AND REQUIRED MANAGEMENT SYSTEMS</td>
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**Contract Name:**  Data Collection for NYBPM (11-12)

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<td>Contract Number:</td>
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**Contract Amount:** $150,000 - Carryover - FHWA
**Consultant Contract Description**
This Consultant Contract relates to the project: Data Collection for the NYBPM, PBPP and Required Management Systems (.E01)

The Consultant Contract will collect Traffic Volume and Vehicle Classification and Occupancy counts on selected screenline locations.

**Contract Deliverables:**
1. Traffic Volume and Vehicle Classification Data on selected streamline locations

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<th>PIN</th>
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<tbody>
<tr>
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<td>REGIONAL TRAVEL SURVEYS</td>
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**Contract Name:** Travel Survey Data Support 1, Year 3 (14-15)

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<td>Consultant:</td>
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**Contract Amount:** $220,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is a continuation of a on-site Consultant to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

**Contract Deliverables:**
1. Prepare briefings and reports on the research for new travel surveys and coordination efforts with other units in NYMTC’s Technical Group in travel surveys related matters.
2. Prepare reports on the analysis of existing survey data and the development of data products for users.
3. Produce analytical reports of census and survey data describing travel patterns in the region.
4. Prepare reports on the recommended updates and improvements to NYMTC’s Census and Travel Surveys web pages.
5. Prepare data files in Access and on GIS platform for Census data (CTPP, ACS, and PUMS) at the census tract and TAZ levels.

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**Contract Name:** Travel Surveys Contractor 2, Years 1-2 (14-15)

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<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
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**Contract Amount:** $420,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

Proposals are being evaluated for this Consultant Contract

This Consultant Contract is a continuation of a on-site Consultant to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

**Contract Deliverables:**
1. Prepare briefings and reports on the research for new travel surveys and coordination efforts with other units in NYMTC’s Technical Group in travel surveys related matters.
2. Prepare reports on the analysis of existing survey data and the development of data products for users.
3. Produce analytical reports of census and survey data describing travel patterns in the region.
4. Prepare reports on the recommended updates and improvements to NYMTC’s Census and Travel Surveys web pages.
5. Prepare data files in Access and on GIS platform for Census data (CTPP, ACS, and PUMS) at the census tract and TAZ levels.

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**Contract Name:** Regional External Cordon Auto/Truck O/D Survey (13-14)

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<td>Contract PIN:</td>
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<tr>
<td>End Date:</td>
<td>5/31/2017</td>
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<td>Contract Number:</td>
<td>C000792</td>
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<tr>
<td>Consultant:</td>
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**Contract Amount:** $500,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

Proposals are being evaluated for this Consultant Contract

This Consultant Contract will project for the collection and acquisition of External Cordon Data. for the NYBPM 2012 Update. Data to be used in the validation and calibration of the NYBPM External Travel Subcomponent. Funding for this project was deferred in 12-13 to close cap in FHWA funding. $185,000 is reprogrammed from Model Application contractor (12-13) Yr2, reso 350, 1/24/2013

**Contract Deliverables:**
1. Request for Proposals (RFP)
2. Regional External Cordor Auto/Truck O/D Data
3. Interim Technical Memorandums
4. Final Report
**Contract Name:** Travel Survey Contractor 1 (13-14)

**Contract PIN:** PTCS12E12

**Start Date:** 9/1/2013

**End Date:** 12/31/2015

**PL Number:** 100T-175

**Contract Number:** C000787

**Consultant:** The Louis Berger Group

**Contract Amount:** $206,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

This Consultant Contract is a continuation of a on-site Consultant to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

**Contract Deliverables:**

1. Prepare briefings and reports on the research for new travel surveys and coordination efforts with other units in NYMTC’s Technical Group in travel surveys related matters.
2. Prepare reports on the analysis of existing survey data and the development of data products for users.
3. Prepare reports on the recommended updates and improvements to NYMTC’s Travel Surveys web pages.

---

**Contract Name:** Travel Survey Contractor 1 (12-13)

**Contract PIN:** PTCS12E12

**Start Date:** 9/1/2013

**End Date:** 12/31/2015

**PL Number:** 100T-175

**Contract Number:** C000787

**Consultant:** The Louis Berger Group

**Contract Amount:** $100,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

This Consultant Contract is a continuation of a on-site Consultant to provide Survey Data Support. The consultant will provide expertise in the implementation of travel surveys and the analysis/reporting of travel survey data. The Consultant will also aid in the development and quality control of the regional travel surveys.

**Contract Deliverables:**

1. Prepare briefings and reports on the research for new travel surveys and coordination efforts with other units in NYMTC’s Technical Group in travel surveys related matters.
2. Prepare reports on the analysis of existing survey data and the development of data products for users.
3. Produce analytical reports of census and survey data describing travel patterns in the region.
4. Prepare reports on the recommended updates and improvements to NYMTC’s Census and Travel Surveys web pages.
5. Prepare data files in Access and on GIS platform for Census data (CTPP, ACS, and PUMS) at the census tract and TAZ levels.

**PIN**
PTCS15D00.E03  REGIONAL TRAVEL SURVEYS

**Contract Name:** Regional Bus O/D Survey (Independent Systems) (11-12)

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**Contract PIN:** PTCS14E12
**End Date:** 5/31/2017
**Consultant:** To Be Determined

**Contract Amount:** $500,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

Proposals are being evaluated for this Consultant Contract

This Consultant Contract will conduct a Survey of Bus transit system within the NYMTC region for the validation of the transit component of the BPM.

**Contract Deliverables:**
1. Request for Proposals (RFP)
2. Regional Bus O/D Data
3. Interim Technical Memorandums
4. Final Report

**PIN**
PTCS15D00.E03  REGIONAL TRAVEL SURVEYS

**Contract Name:** Regional River Crossings O/D Survey (11-12)

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**Contract PIN:** PTCS14E12
**End Date:** 5/31/2017
**Consultant:** To Be Determined

**Contract Amount:** $1,000,000 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

Proposals are being evaluated for this Consultant Contract

This Consultant Contract will conduct a Regional River Crossings O/D Survey of non-toll bridges within the NYMTC region to be used for BPM enhancement and other travel analysis need.

**Contract Deliverables:**
1. Request for Proposals (RFP)
2. Regional River Crossings O/D Data
3. Interim Technical Memorandums
4. Final Report

**PIN**  
PTCS15D00.E03  
**NAME**  
REGIONAL TRAVEL SURVEYS

**Contract Name:** Regional Establishment Survey (09-10)

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<td>7/31/2016</td>
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<tr>
<th>Contract Number: C000781</th>
<th>Consultant: Abt SRBI</th>
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**Contract Amount:** $1,491,559 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Regional Travel Surveys (.E03)

This Consultant Contract would capture characteristics of establishments and the travel behavior of its employees and visitors. These data would then be used to improve the destination choice subcomponent as well as the truck trip tables of the NYBPM. The forecasting models, once calibrated and validated, are then used by NYMTC to predict future travel demand that include trip generation, trip distribution, mode split, and twenty-four (24) hour vehicular traffic assignment for metropolitan areas within the NYMTC’s twenty-eight (28) county region.

**Contract Deliverables:**

1. Draft & Final Agendas and Notes or Minutes for each meeting
2. Monthly Progress Reports
3. Meeting Presentation Materials
4. RES Implementation Plan Record of Decision Making Management System
5. Draft Design & Final Public Web-site
6. Draft Design & Final Project Web-site
8. Draft & Final Public Awareness Plan and Documents

**PIN**  
PTCS15D00.F01  
**NAME**  
SUPPORTING SERVICES

**Contract Name:** Fulfillment Services (15-16)

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<tr>
<th>Contract Number: To Be Determined</th>
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**Contract Amount:** $250,000 - New Funds - FHWA

**Estimated NYMTC Staff Budget Associated with contract for 2015-16:** $25,000
Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide Distribution lists, blast emails and faxes, mailings on a multi-year contract.

**Contract Deliverables:**
1. Work progress reported in quarterly progress report

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**Contract Name:** GIS/Web-Based Application Support Contractor (15-16)

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<tbody>
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**Contract Amount:** $210,000 - New Funds - FHWA

**Estimated NYMTC Staff Budget Associated with contract for 2015-16:** $10,500

Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is a continuation of a on-site Consultant to provide Geographic Information System Services. The consultant will provide support for GIS work for NYMTC staff, members and general public via the web. Training will be provided to NYMTC staff to increase the use of GIS. Activities will include maintaining and enhancing GIS on the NYMTC website, coordination of GIS related activities among member agencies.

**Contract Deliverables:**
1. Prepare meeting notes and technical memoranda that describe the working efforts, record the updating status, and summarize the testing results.

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**Contract Name:** IT Support Contractor (15-16)

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Contract Amount: $250,000 - New Funds - FHWA

Estimated NYMTC Staff Budget Associated with contract for 2015-16: $25,000

Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

This Consultant Contract will assist NYMTC with many complex software issues and different data formats to support core activities to comply with Federal requirements as well as assisting with webinars and various technical projects. The next several months are expected to be especially challenging due to switching to different web host, servers and changing the appearance and functionality of the NYMTC website in addition to several new web applications that are under development.

Contract Deliverables:
1. Technical Assistance with BPM Network (Active Directory, Peer-to-Peer Networking, Windows Server, etc.)
2. Technical Assistance with Website and Web Server Maintenance and Development (ASP Programming, SQL Server, Cold Fusion, etc.)
3. Technical Assistance with UPWP Tool (Cold Fusion, SQL Server, Java, Java Script, etc.)
4. Staff Support (setting up hardware, installing software, diagnosing and solving users' PC and printing problems, etc.)

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Contract Name: Language Access Services (15-16)

PL Number: To Be Determined  Contract PIN: PTCS15F14
Est. Start Date: 1/1/2015  End Date: 2 Years after Contract Execution
Contract Number: To Be Determined  Consultant: To Be Determined

Contract Amount: $300,000 - New Funds - FHWA

Estimated NYMTC Staff Budget Associated with contract for 2015-16: $30,000

Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide Translation service for NYMTC products and meeting per Language Access Operating Procedures adopted 9/4/14. Multi-year contract.

Contract Deliverables:
1. Progress Reports
2. NYMTC products translated in different languages

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Contract Name: Fulfillment Services (14-15)

PL Number: To Be Determined
Contract PIN: PTCS14F11
Est. Start Date: 9/1/2015
End Date: 2 Years after Contract Execution
Contract Number: To Be Determined
Consultant: To Be Determined

Contract Amount: $50,000 - Carryover - FHWA

Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide Distribution lists, blast emails and faxes, mailings on a multi-year contract.

Contract Deliverables:
1. Work progress reported in quarterly progress report

PIN
PTCS15D00.F01  SUPPORTING SERVICES

Contract Name: GIS/Web-Based Application Support Contractor (14-15)

PL Number: To Be Determined
Contract PIN: PTCS14F12
Est. Start Date: 1/1/2015
End Date: 1 Year after Contract Execution
Contract Number: To Be Determined
Consultant: To Be Determined

Contract Amount: $210,000 - Carryover - FHWA

Consultant Contract Description
This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is a continuation of a on-site Consultant to provide Geographic Information System Services. The consultant will provide support for GIS work for NYMTC staff, members and general public via the web. Training will be provided to NYMTC staff to increase the use of GIS. Activities will include maintaining and enhancing GIS on the NYMTC website, coordination of GIS related activities among member agencies.

Contract Deliverables:
1. Prepare meeting notes and technical memoranda that describe the working efforts, record the updating status, and summarize the testing results.

PIN
PTCS15D00.F01  SUPPORTING SERVICES

Contract Name: Language Access Services (14-15)
### Consultant Contract Description

This Consultant Contract relates to the project: Supporting Services (.F01)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide Translation service for NYMTC products and meeting per Language Access Operating Procedures adopted 9/4/14. Multi-year contract.

**Contract Deliverables:**
1. Progress Reports
2. NYMTC products translated in different languages

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<td>SUPPORTING SERVICES</td>
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### Contract Name: GIS/Web-Based Application Support Contractor (13-14)

**PL Number:** 100T-170  
**Contract PIN:** PTCS12F12  
**Start Date:** 1/25/2013  
**End Date:** 12/31/2014  
**Contract Number:** C000785  
**Consultant:** Cambridge Systematics

**Contract Amount:** $40,000 - Carryover - FHWA

### Consultant Contract Description

This Consultant Contract relates to the project: Supporting Services (.F01)

This Consultant Contract is a continuation of a on-site Consultant to provide Geographic Information System Services. The consultant will provide support for GIS work for NYMTC staff, members and general public via the web. Training will be provided to NYMTC staff to increase the use of GIS. Activities will include maintaining and enhancing GIS on the NYMTC website, coordination of GIS related activities among member agencies.

**Contract Deliverables:**
1. Prepare meeting notes and technical memoranda that describe the working efforts, record the updating status, and summarize the testing results.

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### Contract Name: IT Support Contractor (11-12)

**PL Number:** To Be Determined  
**Contract PIN:** PTCS11F12  
**Start Date:** 1/1/2014  
**End Date:** 1 Year After Contract Execution  
**Contract Number:** To Be Determined  
**Consultant:** To Be Determined
**Contract Amount:** $287,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Supporting Services (.F01)

This Consultant Contract will assist NYMTC with many complex software issues and different data formats to support core activities to comply with Federal requirements as well as assisting with webinars and various technical projects. The next several months are expected to be especially challenging due to switching to different web host, servers and changing the appearance and functionality of the NYMTC website in addition to several new web applications that are under development.

**Contract Deliverables:**
1. Technical Assistance with BPM Network (Active Directory, Peer-to-Peer Networking, Windows Server, etc.)
2. Technical Assistance with Website and Web Server Maintenance and Development (ASP Programming, SQL Server, Cold Fusion, etc.)
3. Technical Assistance with UPWP Tool (Cold Fusion, SQL Server, Java, Java Script, etc.)
4. Staff Support (setting up hardware, installing software, diagnosing and solving users' PC and printing problems, etc.)

**PIN**
PTCS15D00.F01

**NAME**
SUPPORTING SERVICES

**Contract Name:** Development of TIG (09-10)

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<td>C000774</td>
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<td>Cambridge Systematics</td>
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**Contract Amount:** $800,000 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Supporting Services (.F01)

This Consultant Contract will create a Transportation Information Gateway (TIG). The consultant will determine the hardware and software requirements and developing applications for input, storage, archival, query, and output via a browser based predefined Geographic Information System (GIS) and other non-GIS applications. The consultant will also be responsible for gathering and aggregating ITS data appropriate for planning use and for transportation system operations use.

**Contract Deliverables:**
1. Draft and final Project Plans
2. Status Reports
3. Draft Requirements
4. Business Rules
5. Validated requirements
6. ITS inventory, report on appropriate ITS data elements
7. Detailed source and target data dictionary
8. Data collection process document
9. Data transformation process document

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<td>SUPPORTING SERVICES</td>
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**Contract Name:** MHSTCC Tech Support (13-14)

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<th>PL Number:</th>
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<tr>
<td>Start Date:</td>
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<td>6/30/2017</td>
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<tr>
<td>Contract Number:</td>
<td>C000785</td>
<td>Consultant:</td>
<td>Cambridge Systematics</td>
</tr>
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</table>

**Contract Amount:** $20,250 - Carryover - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Supporting Services (.F01)

Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and Environmental Mitigation Element, the Regional Freight Plan, the Coordinated Public Transit-Human Services Plan and the Pedestrian-Bicycle Element.

**Contract Deliverables:**

1. Progress Reports

<table>
<thead>
<tr>
<th>PIN</th>
<th>NAME</th>
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</thead>
<tbody>
<tr>
<td>PTCS15D00.F02</td>
<td>PROGRAM DEVELOPMENT AND MANAGEMENT</td>
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**Contract Name:** Public Affairs Contractor (15-16)

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<tr>
<td>Est. Start Date:</td>
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<td>End Date:</td>
<td>1 Years After Contract Execution</td>
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<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant:</td>
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**Estimated NYMTC Staff Budget Associated with contract for 2014-15:** $30,000

**Contract Amount:** $300,000 - New Funds - FHWA

**Consultant Contract Description**

This Consultant Contract relates to the project: Program Development and Management (.F02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract is a continuation of a on-site Consultant to provide Public Information Services. This Consultant Contract provides the main interface between NYMTC, the media, and the interested public for NYMTC’s planning process. It is responsible for the development, organization, display and distribution of public information, including NYMTC’s monthly newsletter and biweekly events updates, for media relations.
public information, including NYMTC’s monthly newsletter and biweekly events updates, for media relations and for fielding and fulfilling public inquiries. It is also responsible for organizing the public information and media aspects of NYMTC’s public meetings and public comment periods.

**Contract Deliverables:**
1. Updated Media List
2. NYMTC Annual Report
3. MPO operation support documents such as press releases and advisories, public outreach information releases, and electronic bulletins

<table>
<thead>
<tr>
<th>PIN</th>
<th>NAME</th>
<th>PROGRAM DEVELOPMENT AND MANAGEMENT</th>
</tr>
</thead>
<tbody>
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**Contract Name:** Website Maintenance (15-16)

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<td>Est. Start Date:</td>
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<td>End Date: 1 Year After Contract Execution</td>
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<tr>
<td>Contract Number:</td>
<td>To Be Determined</td>
<td>Consultant: To Be Determined</td>
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**Contract Amount:** $100,000 - New Funds - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Program Development and Management (.F02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will provide maintenance for NYMTC’s website as needed

**Contract Deliverables:**
1. Progress Reports

<table>
<thead>
<tr>
<th>PIN</th>
<th>NAME</th>
<th>PROGRAM DEVELOPMENT AND MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
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**Contract Name:** MHSTCC Tech Support (13-14)

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<td>Contract Number:</td>
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<td>Consultant: Cambridge Systematics</td>
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**Contract Amount:** $20,250 - Carryover - FHWA

**Consultant Contract Description**
This Consultant Contract relates to the project: Program Development and Management (.F02)

Awaiting final approval for this Consultant Contract.

This Consultant Contract will begin the development of the 2020-2045 Regional Transportation Plan. The focus of the Consultant Contract will be on assisting with the development of the draft Plan, which will include the required special elements: the Environmental Justice Assessment, the New Consultation and
Contract Deliverables:
1. Progress Reports

PIN                  NAME
PTCS15D00.F03       PLANNING, PROGRAMMING AND PERFORMANCE MANAGEMENT SYSTEM

Contract Name: SharePoint Architecture and Development (15-16)

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<td>Contract Amount:</td>
<td>$623,974 - New Funds - FHWA</td>
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Consultant Contract Description
This Consultant Contract relates to the project: Planning, Programming, and Performance Management System (.F03)

The Scope of Work is being developed for this Consultant Contract.

Architecture includes organizational business rules and related work flows for implementation. Development applies the business rules and work flows to the construction of the management system with connections to E-STIP, FMIS, TRAM, PIMS, visualization through Google Earth and ARC-GIS, and the planning products themselves.

Contract Deliverables:
1. Migrate from SharePoint 2010 to 2013
2. Host NYMTC Content Management System (NCMS)

PIN                  NAME
PTCS15D00.G01       SEPTEMBER 11TH MEMORIAL PROGRAM-ACADEMIC ELEMENT

Contract Name: Academic Program Logistics and Support (15-16)

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<td>University Transportation Research Center</td>
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Estimated NYMTC Staff Budget Associated with contract for 2015-16: $7,000

Consultant Contract Description
This Consultant Contract relates to the project: September 11th Memorial Program - Academic Element (.G01)
The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract consists of the program's academic component which assists students completing their education in specific career fields related to transportation and transportation planning, with the hope that they will pursue careers in our organization. Work carried out by the student interns and research assistants will consist of transportation planning work eligible for inclusion in the UPWP.

**Contract Deliverables:**
1. Technical Memo on progress to initiate successful proposals

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**Contract Name:** Facilitate Community Workshops (15-16)

<table>
<thead>
<tr>
<th>PL Number:</th>
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<tr>
<td>Contract Number:</td>
<td>To Be Determined</td>
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**Contract Amount:** $35,000 - Carryover - FHWA

**Estimated NYMTC Staff Budget Associated with contract for 2014-15:** $1,320

**Consultant Contract Description**

This Consultant Contract relates to the project: Community Workshops (.G02)

The Scope of Work is being developed for this Consultant Contract.

This Consultant Contract will facilitate workshops, guide development of recommendations, meeting reports.

**Contract Deliverables:**
1. Completion of workshops
2. Meeting summaries for each workshop
3. Completion of web page
Chapter VII

PUBLIC COMMENTS
A public review period for the draft SFY 2015-16 UPWP was held from November 17 through December 17, 2014. The draft UPWP Document, along with a draft Executive Summary, was made available for download through the NYMTC website. The following comments were received during this period:

**Comment 1:**
Ms. Peggy-Topsey and Mr. Tony Giordano of Sunset Park Restoration in Brooklyn: an adequate data collection and enough air quality readings should be done in the Sunset Park area. The community outreach for the redesign of Fourth Avenue in Sunset Park, Brooklyn is limited.

**Response:**
See response in attached letter from New York City DOT Brooklyn Borough Commissioner.

**Comment 2:**
Mr. Jack McGreevy, resident of Mattituck, NY: continue transportation planning to keep viable roads in the Peconic Bay five towns region on eastern Long Island.

**Response:**
The five town East End portion of Suffolk County has received considerable attention through the planning process, including the multi-year Sustainable East End Development Strategies (SEEDS) study, which was followed up by the USDOT Volpe National Transportation Systems Center study of a coordinated rail-bus network. Recommendations from both of these efforts have been considered and in some cases implemented by responsible agencies, as well as the five towns and assorted local villages in terms of related land use planning.
December 3, 2014

Mr. David Kletsman  
New York Metropolitan Transportation Council  
25 Beaver Street, Suite 201  
New York, NY 10004

Dear Mr. Kletsman:

I am writing in response to the comments NYMTC has forwarded from Sunset Park Restoration on the Draft 2015-2016 UPWP. The comments received stated that NYCDOT did not do adequate data collection or community outreach for the redesign of Fourth Avenue in Sunset Park, Brooklyn. I write to be clear that the Fourth Avenue project had very extensive data collection, inclusive outreach, and many opportunities for public feedback and input.

The partners and proponents of the project include: Community Board 7; Councilmembers Carlos Menchaca, Sara Gonzalez, Brad Lander; former Borough President Marty Markowitz’s Fourth Avenue Task Force; members of the public; UPROSE; and many schools and businesses that NYCDOT reached out to during the public engagement process. NYCDOT held a workshop on February 9, 2012 and open house on March 27, 2012 which gave the public the opportunity to provide input. Community Board 7 voted to approve the project on May 14, 2012; and it was implemented on Fourth Avenue between 15th and 65th Streets in Autumn 2012.

It is our understanding that Sunset Park Restoration was dormant during 2011-2012 when NYCDOT was conducting outreach in Sunset Park. In addition to NYMTC, Sunset Park Restoration also emailed NYCDOT Commissioner Polly Trottenberg in 2014. I spoke to them at that time and told them we would include them on any future outreach for the capital project.

Sincerely,

[Signature]

Keith Bray  
Brooklyn Borough Commissioner

KB:jmr