DRAFT
SFY 2015-2016
Unified Planning Work Program (UPWP)

The Annual Program of Federally-funded
Transportation Planning Projects in Dutchess County

Poughkeepsie-Dutchess County Transportation Council 2015-2016

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1. Background

The Poughkeepsie-Dutchess County Transportation Council (PDCTC) serves as the designated Metropolitan Planning Organization (MPO) for Dutchess County. In accordance with the provisions set forth in the current federal transportation law – Moving Ahead for Progress in the 21st Century (MAP-21) – and 23 U.S.C. 134 and 49 U.S.C. 5303, the PDCTC (hereinafter referred to as the "Council") is tasked with carrying out a cooperative and comprehensive multimodal transportation planning process within the County.

Federal transportation law requires that a U.S. Census-designated Urbanized Area be represented by an MPO, which is responsible for ensuring that federal highway and transit dollars are committed through a locally driven, comprehensive planning process. The Council provides a forum for State and local officials to coordinate transportation issues and reach consensus on transportation plans and funding for transportation projects. The Council strives to ensure that federally funded projects are the products of a credible planning program, meeting the goals and priorities of the metropolitan area.

The Council develops three core products as part of the metropolitan transportation planning process:

- **Metropolitan Transportation Plan (MTP)** – the long-range multimodal transportation plan for Dutchess County. Addressing no less than a 20-year planning horizon, the MTP is updated every four years. The current MTP, *Moving Dutchess*, was adopted in November 2011 and has a planning horizon year of 2040.

- **Transportation Improvement Program (TIP)** – the prioritized listing of federally funded transportation projects in the County, covering a period of no less than four years. The TIP implements the recommendations from the MTP and provides information on funding sources, schedules, and responsible agencies for projects. The current 2014-2018 TIP was adopted by the Council in June 2013.

- **Unified Planning Work Program (UPWP)** – the statement of work identifying the federally funded planning activities to be carried out by the Council. The UPWP includes descriptions of planning tasks and resulting products, a schedule for completing tasks, the cost of the work, sources of funds, and which organization will perform each task. The Council updates the UPWP annually.

2. Council Organization

The Council, acting as the local MPO decision-making body, is comprised of 16 voting members. Membership on the Council is based on a municipality's urbanized area classification, with the urbanized cities and towns serving as permanent voting members and the remaining towns and villages serving on a rotating basis or as nominated by the Dutchess County Supervisors and Mayors Association. In addition, Dutchess County, the New York State Department of Transportation (NYSDOT), and the Metropolitan Transportation Authority

(MTA) serve as voting members on the Council, while the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), New York State Bridge Authority (NYSBA), and Dutchess County Planning, Public Works, and Public Transit serve as non-voting advisory members. Figure 1 shows the Council's voting structure and Figure 2 shows the Council's Planning Area.

The Council is assisted by a Planning Committee that reviews plans and programs prior to Council action. The Planning Committee is responsible for providing agency, municipal, and public input during the development of the MTP, TIP, UPWP, and other Council products. Membership on the Planning Committee is open to all municipalities in Dutchess County.

Day-to-day Council activities are performed by staff at the Dutchess County Department of Planning and Development, which assumes primary responsibility for the development and administration of the UPWP, the coordination of plans and projects, maintenance of the TIP, and long-range transportation planning. NYSDOT Region 8 assists with TIP maintenance, to include processing changes through the eSTIP program. The Dutchess County staff section includes a Transportation Program Administrator and Senior Planner.

3. Supporting Documents

The Council relies on several agreements to carry out the federally prescribed, metropolitan transportation planning process in Dutchess County:

- NYSDOT-PDCTC Master Agreement (effective November 19, 1982): the original agreement between NYSDOT and Dutchess County that established the Council and identified the Council's responsibilities and procedures for seeking reimbursement for MPO related expenses.
- NYSDOT-PDCTC Supplemental Agreement (effective December 27, 2005): this amended the original Master Agreement to coincide with the period covered by the Safe, Accountable, Flexible, Efficient Transportation Equity Act-A Legacy for Users (SAFETEA-LU).
- Mid-Hudson Valley TMA Memorandum of Understanding (effective March 7, 2006): provides a common understanding and structure for the continuing coordination and communication among the MPOs responsible for the Mid Hudson Valley TMA: PDCTC, Orange County Transportation Council (OCTC), and Ulster County Transportation Council (UCTC).
- Air Quality Conformity Memorandum of Understanding (effective August 20, 2010): this MOU established the planning process for determining air quality conformity for the Poughkeepsie Ozone Non-attainment Area, which the Council once shared with the New York Metropolitan Transportation Council (NYMTC) and OCTC. As of July 20, 2013, Dutchess County is no longer in non-attainment and is not required to conduct air quality conformity analyses.
- PDCTC Written Agreement (effective March 16, 2011): identifies the roles, responsibilities, and cooperative procedures for carrying out the metropolitan transportation planning process in Dutchess County, agreed to by the Council, Dutchess County, City of

Figure 1. Council Membership

Permanent Voting Members

Dutchess County Executive (Permanent Chairperson)
NYSDOT Commissioner
Metropolitan Transportation Authority Chairman and CEO
City of Beacon Mayor
City of Poughkeepsie Mayor
Town of Beekman Supervisor
Town of East Fishkill Supervisor
Town of Fishkill Supervisor
Town of Hyde Park Supervisor
Town of LaGrange Supervisor
Town of Poughkeepsie Supervisor
Town of Wappinger Supervisor

One Member from the Partially Urbanized Towns (rotating)

Town of Pawling Supervisor
Town of Pleasant Valley Supervisor
Town of Union Vale Supervisor

One Member from the Urbanized Villages (rotating)

Village of Fishkill Mayor
Village of Pawling Mayor
Village of Wappingers Falls Mayor

Two Members from the Non-Urban Towns and Villages[1]

Town of Amenia Supervisor
Town of Clinton Supervisor
Town of Dover Supervisor
Town of Milan Supervisor
Town of North East Supervisor
Town of Pine Plains Supervisor
Town of Red Hook Supervisor
Town of Rhinebeck Supervisor
Town of Stanford Supervisor
Town of Washington Supervisor
Village of Millbrook Mayor
Village of Millerton Mayor
Village of Red Hook Mayor
Village of Rhinebeck Mayor
Village of Tivoli Mayor

Non-Voting Members

Federal Highway Administration
Federal Transit Administration
NYSDOT Regional Director (Permanent Secretary)
NYS Bridge Authority Director
Dutchess County Department of Planning & Development
Dutchess County Department of Public Works
Dutchess County Division of Public Transit

[1] As nominated by the Dutchess County Supervisors and Mayors Association.

Figure 2. PDCTC Planning Area

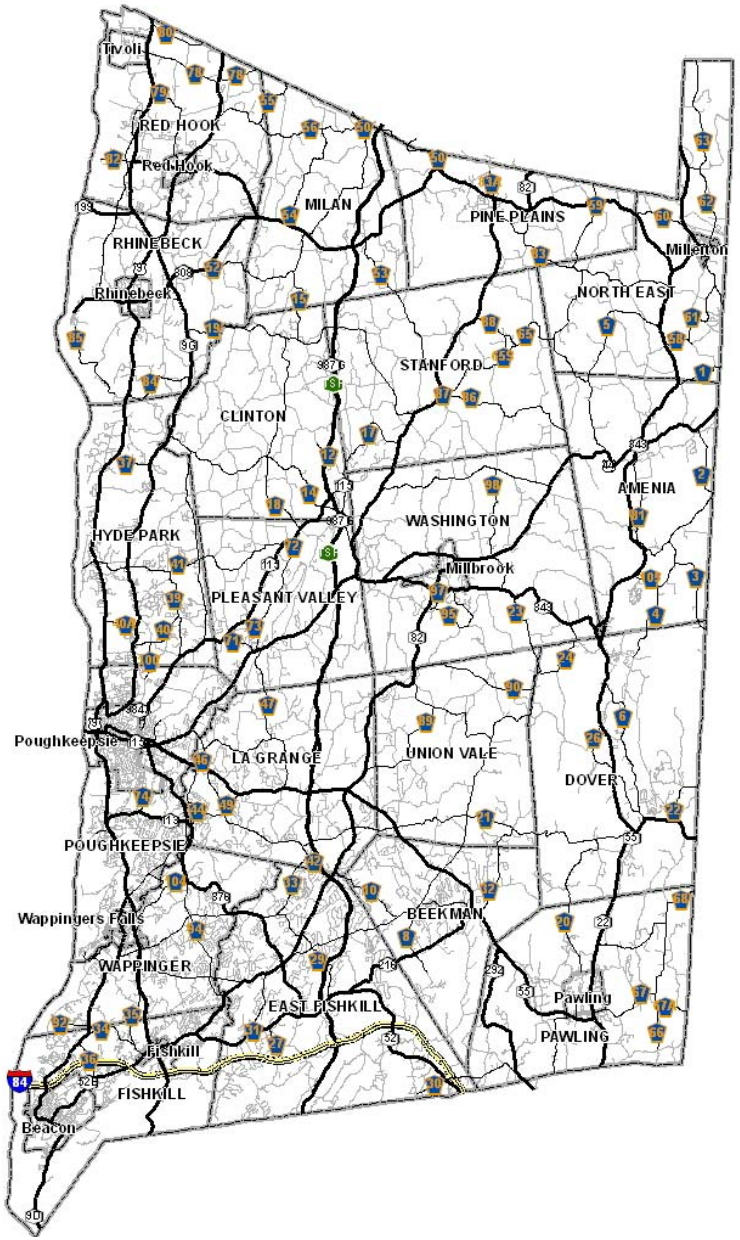
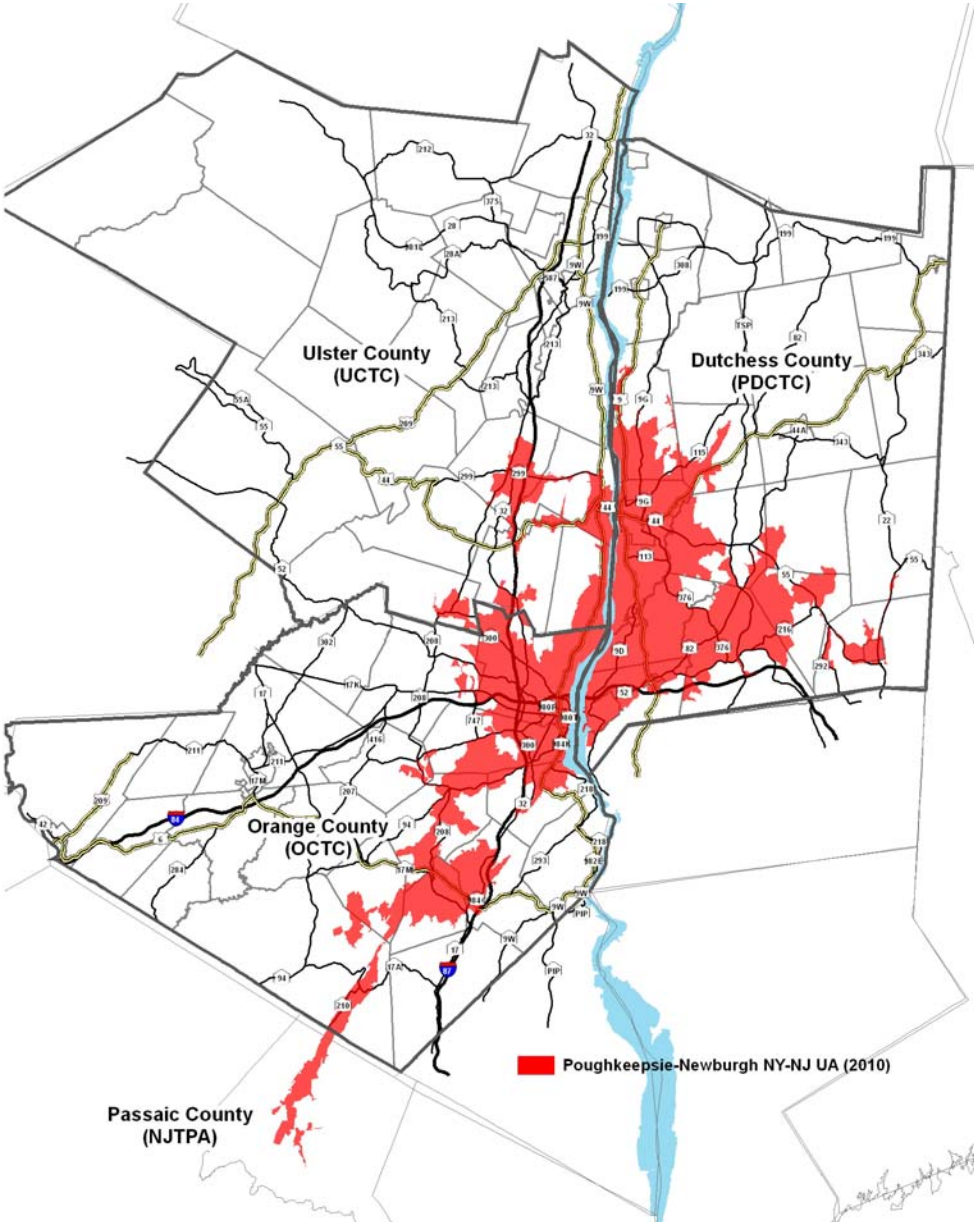


Figure 3. Mid-Hudson Valley Transportation Management Area (TMA)



Poughkeepsie, NYSDOT, MTA/Metro-North Railroad, and NYS Bridge Authority.

- NYSDOT-PDCTC Host Agency Agreement (effective April 1, 2012): this reauthorized the host agency relationship between Dutchess County and NYSDOT and provided a 10-year schedule for funding Council activities.
- PDCTC Public Participation Plan (effective January 1, 2015): establishes the framework for public involvement during the development of the MTP, TIP, and UPWP and outlines standard public participation activities.
- PDCTC Bylaws (effective January 1, 2015): establishes the roles, responsibilities, and structure of the Council, to include its voting membership, meeting protocols, decision-making process, and procedures for adding and changing new and existing transportation projects on the TIP. The Bylaws codify voting membership based on the 2010 Census defined Urbanized Area.

4. Transportation Management Area (TMA)

In addition to carrying out the metropolitan transportation planning process within Dutchess County, the Council also addresses regional transportation needs through its participation in the Mid-Hudson Valley Transportation Management Area (TMA). The TMA is a federal designation used to classify Urbanized Areas with populations of 200,000 or more. The Poughkeepsie-Newburgh NY-NJ Urbanized Area, with a population of over 423,000, includes parts of Dutchess, Orange, and Ulster Counties in New York, and Passaic County in New Jersey (see Figure 3). The Orange County Transportation Council (OCTC) and Ulster County Transportation Council (UCTC) oversee transportation planning for their respective counties, while the New Jersey Public Transportation Authority (NJPTA) is responsible for transportation planning for northern New Jersey including Passaic County. The TMA classification carries additional planning responsibilities for an MPO, including development of a Congestion Management Process (CMP), a method to disburse FTA Section 5307 (Urbanized Area) transit funds, and an in-person federal certification review every four years. The most recent federal certification occurred in 2014.

5. 2014-2015 Program Accomplishments

The Council worked with member agencies and stakeholders on a variety of short and long-range planning initiatives, data collection, and capital programming activities during the 2014-2015 program year, completing the following tasks:

- Completed *Walk Bike Dutchess*, the new Pedestrian and Bicycle Plan for Dutchess County, which summarizes design guidelines, highlights best practices, recommends projects, and identifies funding sources and implementation steps to make walking and bicycling safer, more convenient forms of transportation and recreation in Dutchess County.
- Completed the *Pine Plains Town Center Pedestrian Plan*, outlining a strategy to prioritize sidewalk repairs, improve pedestrian safety, and create new pedestrian connections in the Pine Plains Town Center.

- Completed the *Beacon Center City Parking Analysis*, which included an inventory of existing parking spaces and field work to determine parking utilization rates during weekday and weekend peak periods on Main Street. The study identifies future parking needs and ways to improve parking conditions.
- Completed an update of the *Coordinated Public Transit-Human Services Transportation Plan* that identifies the transportation needs of disabled and elderly persons, provides strategies for meeting those needs, and prioritizes transportation projects and services to expand access to services and destinations.
- Completed the Poughkee*psie Waterfront Strategy, which ide*ntifies ways to build a continuous greenway trail along the City's Hudson River waterfront and better connect City neighborhoods to the waterfront. This project included the development of a form-based Waterfront Transit Oriented Development zoning district for the City of Poughkeepsie.
- Coordinated the creation of an inter-departmental Complete Streets Committee to develop a Complete Streets policy for Dutchess County and promote walking and bicycling more broadly.
- Adopted a new set of bylaws that update voting membership based on the 2010 Census, clarify the roles and responsibilities of committees and subcommittees, makes administrative updates to current language, and revises the guidelines for amending/changing the TIP. The new TIP guidelines satisfied a recommendation from the 2013 federal certification.
- Supported by the Dutchess County Office of Central and Information Services, updated the online TIP Viewer/GIS mapping platform that shows information on TIP projects.
- Began work on the Upper Route 9G Corridor Management Plan (CMP), which seeks to identify short- and long-range strategies to improve safety and operational conditions on NYS Route 9G in the Town of Red Hook and Village of Tivoli.
- Completed a Safety Assessment of CR 19 (Slate Quarry Road) from NYS Route 9G to White Schoolhouse Road in the Town of Rhinebeck, using FHWA/NYSAMPO guidance.
- Collected vehicle volume, classification, and speed data at over 260 locations on County and local roads as part of the annual traffic count program.

During the previous 2014-2015 program year, Council staff worked with local highway and law enforcement agencies to conduct a Safety Assessment of CR19 (Slate Quarry Road) in the Town of Rhinebeck.

6. 2015-2016 UPWP Overview

The 2015-2016 Unified Planning Work Program (UPWP) identifies the federally funded planning activities to be carried out by the Council for the period between April 1, 2015 and March 31, 2016 (State Fiscal Year). The UPWP serves as the Council's annual statement of work and includes a variety of planning activities that address ongoing and emerging issues related to maintaining and improving the region's transportation system and overall quality of life.

The Council has identified the following planning objectives for the 2015-2016 program year:

- Complete an update to the current Metropolitan Transportation Plan, *Moving Dutchess*, including a progress report on the Plan's performance measures and a re-assessment of recommended projects.
- Complete the Upper Route 9G Corridor Management Plan (CMP), which will identify short- and long-range recommendations to improve vehicular and non-vehicular safety and access along a section of NYS Route 9G from CR 78 (Broadway/West Kerley Corners Rd) in the Village of Tivoli to NYS Route 199 in the Town of Red Hook.
- Manage the Council's FFY 2014-2018 Transportation Improvement Program (TIP), including maintenance of the online TIP Viewer application.
- Conduct a Safety Assessment of a high-crash road facility identified in *Moving Dutchess* or proposed by Council members.
- Continue to implement *Walk Bike Dutchess*, the new Pedestrian and Bicycle Plan for Dutchess County.
- Complete the Council's annual pavement condition monitoring program for local federal-aid eligible roads.
- Complete the Council's annual traffic count program, collecting volume, vehicle classification, and speed data at up to 275 locations in the County.
- Continue work with the new Travel Demand Model to perform land use scenario planning and use the U.S. Environmental Protection Agency's (EPA's) new Motor Vehicle Emission Simulator (MOVES2014) program to estimate future emissions in support of greenhouse gas reduction analyses. Monitor progress on the EPA's proposed update of national ozone air quality standards.

7. Funding Overview

The Council relies on federal planning funds to carry out the metropolitan transportation planning process. These funds, allocated on an annual basis and programmed through the Council's UPWP, stem from two primary sources: the Federal Highway Administration (FHWA) Planning Program (PL) and Federal Transit Administration (FTA) Section 5303 Metropolitan Planning Program (MPP). The funds are authorized through each federal surface transportation authorization, with the most recent being Moving Ahead for Progress in the 21st Century (MAP-21). For the SFY 2015-2016 program year, the MAP-21-based federal allocation for New York State is estimated to total over $31 million.

Federal planning funds, like most other federal transportation programs, are administered through NYSDOT on a reimbursement basis. The Council (through its host agency relationship with Dutchess County) must first perform the planning work, after which it is reimbursed for the federal share of the activity. Council staff, housed under the Dutchess County Planning Department, administers UPWP activities and submits quarterly reimbursement requests and activity reports to NYSDOT.

FHWA (PL) Funds

NYSDOT, in consultation with the State's 14 MPOs, distributes the statewide apportionment of PL funds through a FHWA approved formula. In developing the formula, NYSDOT considers various factors such as population, lane miles, and agreed upon set-asides. In New York, the formula includes four steps:

1. Set-aside funds for Shared Cost Initiative (SCIs) – planning tasks of statewide significance – are reserved prior to the formula distribution of funds. For SFY 2015-2016, this set-aside totals $150,000.
2. Each MPO is then provided an equal, base allocation of PL funds to ensure an adequate funding level regardless of size. For SFY 2015-2016, this totals $200,000 for each MPO.
3. NYSDOT then distributes 20 percent of PL funds proportionally to MPO's in TMAs, based on their total population and lane miles. For the PDCTC, this equals $50,208 for SFY 2015-2016.
4. The fourth step distributes all remaining funds to all the MPOs, again proportionally by total population and lane miles. For the PDCTC, this totals $292,327 in SFY 2015-2016.

The formula is required to be reviewed and revised as applicable after each decennial Census. It is also updated when there are significant changes in federal law or when there is a change in the number of MPOs. Based on the NYSDOT formula, the Council's 2015-2016 UPWP FHWA PL funding estimate for SFY 2015-2016 totals $541,587.

FTA (MPP) Funds

FTA planning funds are secured annually through the Section 5303 Metropolitan Planning Program (MPP) and distributed using the same formula that NYSDOT applies to PL planning funds, except that lane mileage is not used. Based on the NYSDOT formula, the Council's 2015-2016 UPWP FTA MPP funding estimate for SFY 2015-2016 is $120,176.

State & Local Match

As required by most federal transportation programs, a non-federal match of 20 percent is required for the federal planning funds used in the UPWP: NYSDOT provides a 15 percent match through a combination of toll credits and in-kind services, while Dutchess County provides a five percent monetary match. The State match for PL funding is accomplished through the use of toll credits: revenues generated by toll authorities (toll receipts and bonds) that are

used to build and maintain highways and bridges that serve interstate commerce in New York State. The State match for MPP funding is provided through in-kind services.

Carryover Funds

In addition to its annual federal funding allocation, the Council has $487,610 in FHWA (PL) funding available from previous program budgets (i.e. savings backlog). This amount does not include any undetermined savings from the 2014-2015 program year. The unexpended funds are available for programming as needed. The Council will program $250,000 of these funds for the 2015-2016 program year; these funds will support projects that require additional staff support from the Dutchess County Planning Department, other County Departments, and consultant assistance (e.g. Upper Route 9G Corridor Management Plan). The total remaining unexpended balance of $237,610 will be reserved for future projects as appropriate and work needed to implement MAP-21 planning requirements. The Council expects the total savings backlog to be spent down within the next three years, likely by the start of SFY 2018-2019.

The Council does not anticipate any carryover funds from FTA Grant NY-80-X024 and expects all FTA funding allocations to be expended in the 2015-2016 program year.

Total Funding

Based on its annual allocation of federal funds and the use of carryover funds, the Council has programmed over $911,763 in federal funds for SFY 2015-2016: $791,587 in FHWA (PL) and $120,176 in FTA (MPP) funds. Table 1 shows the overall funding amounts programmed in the 2015-2016 UPWP.

8. National & Statewide Organizations

The Council participates in a number of planning organizations that benefit the local metropolitan planning process. These organizations allow Council staff to better share information and resources with other MPOs, and in turn, integrate best practices into the local program.

Association of Metropolitan Planning Organizations (AMPO):

AMPO serves as the national association that provides technical services and advocacy for MPOs. AMPO provides a discounted dues structure with a single statewide payment for statewide MPO associations (e.g. the New York State Association of MPOs). For the 2015-2016 program year the dues total $40,487 for the NYSMPOs. This will be processed by the Binghamton Metropolitan Transportation Study (BMTS). The Council will support the Association through a $948 allocation of FHWA (PL) funds, deducted by NYSDOT from the Council's 2015-2016 program allocation.

New York State Association of MPOs (NYSAMPO)

NYSAMPO serves as the statewide coalition where the 14 NYS MPOs collaborate on mutually beneficial activities, such as sharing information through topic specific working groups and completing statewide planning studies.

Table 1. Available PDCTC UPWP Funds for State Fiscal Year (SFY) 2015-2016

	Federal	Match		Total
		Dutchess County (5%)	NYSDOT (15%)[3]	
FHWA (PL) Funds				
2015-2016 Allocation[1]	$541,587	$33,849	$101,548	$676,984
Previous Savings[2]	$487,610	$30,476	$91,427	$609,513
Total Available	$1,029,197	$64,325	$192,974	$1,286,496
2015-2016 Program Budget	**$791,587**	**$49,474**	**$148,423**	**$989,484**
Unprogrammed Balance	$237,610	$14,851	$44,551	$297,012
FTA (MPP) Funds				
2015-2016 Allocation[1]	$120,176	$7,511	$22,533	$150,220
2015-2016 Program Budget	**$120,176**	**$7,511**	**$22,533**	**$150,220**
Total Funds				
2015-2016 Program Budget	**$911,763**	**$56,985**	**$170,956**	**$1,139,704**

[1] *FHWA (PL) and FTA (MPP) funds 2015-2016 (as of November 20, 2014).*

[2] *Unprogrammed balance (PL funds only) from previous years (as of January 22, 2015). This balance may change upon reconciling the PDCTC's SFY 2014-2015 UPWP budget.*

[3] *NYSDOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.*

- NYSAMPO Staff Support: NYSAMPO is supported by a consultant that provides administrative support for the Association, including organizing and documenting MPO director meetings and facilitating working group meetings. The contract is administered by the Capital District Transportation Council (CDTC) and will total $250,000 for 2015-2016, with $150,000 coming from the NYSDOT 2015-2016 PL set-aside and $100,000 coming from NYSDOT Statewide Planning and Research (SPR) funds. The Council will support the Association through $948 in FHWA (PL) funds.

- NYSAMPO Staff Training: Council staff will actively participate in NYSAMPO working groups that enable them to learn from best practices and reach consensus on key aspects of the metropolitan transportation planning program. For 2015-2016, the Council will participate in the following working groups: safety, bicycle/pedestrian, climate change, GIS, traffic management, travel modeling, and transit. These working groups will be supported by $33,500 in FHWA PL funds, $8,375 in NYS toll credits, $17,971 in FTA MPP funds, and $4,493 NYSDOT in-kind.

- Shared Cost initiatives

  NYSAMPO and NYSDOT routinely pool a portion of their federal metropolitan planning funds to undertake planning tasks of statewide significance. These projects, known as Shared Cost Initiatives (SCI), are funded through a combination of FHWA and FTA planning funds and NYSDOT SPR funds, depending on the subject and sponsor. The MPOs and the NYSDOT jointly identify potential tasks, reach consensus on priorities, and develop a scope of work for each selected task. Most of these projects are undertaken by a consultant under contract with one of the MPOs or NYSDOT.

9. Statewide & Regional Planning Initiatives

As needed, the Council will participate in statewide and regional planning initiatives that may directly or indirectly impact Dutchess County and the Mid-Hudson Valley TMA.

Statewide Planning & Research (SPR) Projects

NYSDOT receives funds from FHWA under the State Planning and Research Program (SPR). NYSDOT's SPR Program is used to support strategic planning and research needs. The Department typically programs SPR funds for planning projects that may impact one or more MPO areas. For those SPR projects that are in a metropolitan area, the affected MPO includes the project in the UPWP for information only. Though there are no PDCTC-specific SPR projects in SFY 2015-2016, NYSDOT is pursuing some SPR funded projects that may benefit the Council in carrying out its metropolitan transportation planning process:

1. Strategic Travel Demand Management (TDM) and Commuter Choice Service Planning ($2.5 million).
2. Traffic Count Program Zone 1 (Regions 1, 2, 7, 8 & 9) ($1.9 million).
3. Safety Data Warehouse Business Case Development

($250,000).
4. VMT Base-line Traffic Count Project ($3.2 million).
5. Statewide GIS Network Creation ($3.5 million).
6. Highway Oversize/Overweight Credentialing System (HOOCS) ($5 million).
7. AASHTO Census Transportation Planning Products (CTPP) Technical Services Program ($280,982).
8. Program and Project Management Software and Training ($2 million).
9. New York State Freight Transportation Plan ($1.3 million).
10. Program and Project Management Software and Training ($1.9 million).
11. Global Inc. Trend Data, Analysis, and Forecasts ($520,000).
12. Transearch and Related Freight Data Procurement ($1.5 million).

Regional Transportation Planning Studies

The Council will participate in related studies by other agencies that may affect the transportation system in and around Dutchess County, including work on the NYSDOT High Speed Rail Empire Corridor and the Tappan Zee Bridge. The Council will also monitor and review any relevant documents produced for other regional projects.

10. Consultant & Inter-Departmental Support

The Council will use consultant and inter-departmental services to assist with the following tasks during the 2015-2016 program year: Upper Route 9G Corridor Management Plan, annual traffic count program, County pavement condition monitoring program, and maintenance of the online TIP database/GIS portal. Maintenance support for the Council's TransCAD software program (two standard licenses) is also included as a consultant cost. Consultant and inter-departmental funds are distributed in the following tasks:

- Data Development and Analysis
  - Traffic Count Program: $67,500 (FHWA)
  - Pavement Condition Monitoring: $5,000 (FHWA)
  - TIP Database/GIS Portal Maintenance: $2,500 (FHWA)
- Long-Range Transportation Planning (System)
  - TransCAD Annual Maintenance: $2,400 (FHWA)
- Long-Range Transportation Planning (Project)
  - Upper Route 9G Corridor Management Plan: $111,116 (FHWA)

11. Planning Emphasis Areas (PEAs)

Planning Emphasis Areas are established by the FHWA and FTA to advance national goals identified in federal law, to reflect federal priorities, and to respond to congressional direction established through the appropriations process. Planning Emphasis Areas (PEAs) are intended to highlight subjects that should be addressed in federally funded planning programs. On April 23, 2014, the Offices of Planning for both the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) jointly identified three Planning Emphasis Areas (PEAs) for MPOs:

1. MAP-21 Implementation: Transition to a performance-based approach to planning and programming that supports the achievement of transportation system performance outcomes.

2. Models of Regional Planning Cooperation: Promote cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning.

3. Ladders of Opportunity: As part of the transportation planning process, identify gaps in access to essential services, which include housing, employment, health care, schools/education, and recreation.

FHWA and FTA subsequently requested that MPOs include tasks in their UPWPs that support these PEAs. The Council will therefore pursue a variety of tasks that advance federal goals on implementing MAP-21, promoting regional cooperation, and improving access to essential services. The UPWP highlights these PEA relevant tasks where applicable.

12. 2015-2016 UPWP Tasks

Tasks in the 2015-2016 UPWP are organized under FTA Activity Line Item headings and then listed individually using "TI" codes. The Council uses the "TI" codes to track staff hours through the Dutchess County time accounting system. Each task is listed below and described in detail in the following pages. In addition, PEA relevant tasks are noted by an asterisk (*).

UPWP Task Codes

Program Support and Administration (44.21.00)

TI 11 Council Support and Administration
TI 12 Unified Planning Work Program (UPWP)
TI 13 Public Participation Activities
TI 14 Transportation Management Area (TMA) Coordination*
TI 15 Federal, State, and Local Reporting
TI 16 Professional Development

Data Development and Analysis (44.22.00)

TI 21 Demographic Data Analysis and Forecasting
TI 22 Traffic Count Program*
TI 23 Major Projects Tracking
TI 24 Household Travel Surveys
TI 25 Geographic Information Systems (GIS)/Database Management
TI 26 Pavement Condition Monitoring*
TI 27 Functional Classification Update
TI 28 Performance Monitoring*

Long-Range Transportation Planning (System Level) (44.23.01)

TI 31 Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*)
TI 32 Travel Demand Model/Transportation Data Analysis and Forecasting
TI 33 Air Quality and Energy Planning
TI 34 Congestion Management Process (CMP)*
TI 35 Travel Demand Management (TDM) Activities*
TI 36 Intelligent Transportation System (ITS) Support
TI 37 State and Regional Transportation Study Liaison*

TI 38 Regional Freight Planning* (*new*)
TI 39 Regional Transit Planning* *(new)*

Long-Range Transportation Planning (Project Level) (44.23.02)
TI 41 Community Transportation Planning Assistance*
TI 42 Local Sidewalk Planning Initiative*
TI 43 Poughkeepsie Waterfront/Transit Oriented Development (TOD) Strategic Plan*
TI 44 Pedestrian-Bicycle Plan Implementation/Complete Streets*
TI 45 Regional Sustainability Planning*
TI 46 Corridor Management Planning
TI 47 Transportation Safety and Security Planning

Short-Range Transportation Planning (44.24.00)
TI 51 Transportation Impact Reviews/Sustainable Development Practices
TI 52 Inter-Departmental Project Coordination (*new*)

Transportation Improvement Program (TIP) (44.25.00)
TI 61 Transportation Improvement Program (TIP)*

Transit Planning Emphasis Areas (44.26.00) (*renamed*)
TI 71 Coordination of Non-Emergency Human Service Transportation*
TI 72 Participation of Transit Operators in Metropolitan and Statewide Planning*
TI 73 Transit System Management and Operations*

Other Activities (44.27.00)
TI 81 NYSAMPO Activities*

Program Support and Administration

The Program Support and Administration task covers the activities necessary to carry out the day-to-day activities of the Council and support the local metropolitan transportation planning process. These include meeting preparations, UPWP development, public outreach activities, TMA support, and professional development activities.

TI 11 – Council Support and Administration

Description: Manage the activities of the Council in order to comply with federal, State, and County administrative requirements and guidance. Support the operations of the Council and its Planning Committee, communicate and coordinate with federal and State agencies on MPO activities, and support day-to-day Council operations with the host agency (Dutchess County Planning Department).

Products:
- Council and Planning Committee meetings (April 2015-March 2016).
- Meeting agendas, summaries, and briefing packages (April 2015-March 2016).

Responsible Agency: PDCTC

Budget Estimate: FHWA $106,400, FTA $26,900, State $25,000, Local $8,300.

TI 12 – Unified Planning Work Program (UPWP)

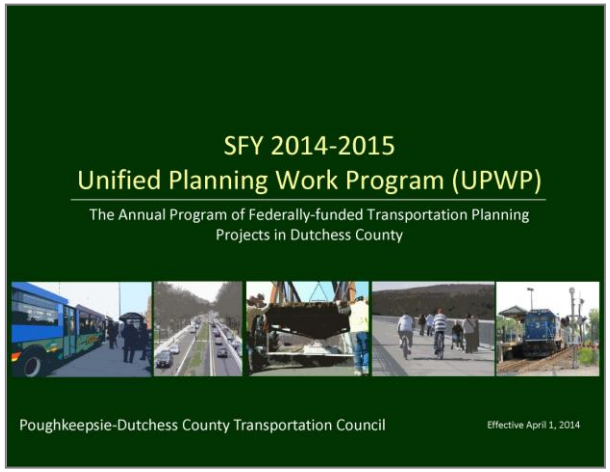
Description: Issue the Final UPWP for SFY 2015-2016. Amend or administratively modify the UPWP to reflect scope or cost changes during the program year. Monitor the progress of approved planning tasks. Develop and complete the Draft SFY 2016-2017 UPWP, based on federal and State guidance and local planning priorities. This will include the solicitation for future planning projects from member agencies.

Products:

- Final 2015-2016 UPWP (April 2015).
- Draft 2016-2017 UPWP (November 2015-March 2016).

Responsible Agency: PDCTC

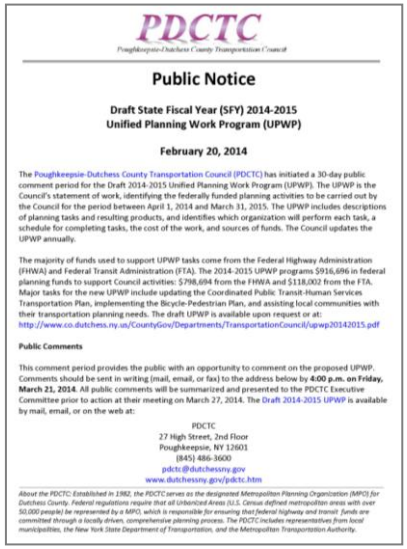
Budget Estimate: FHWA $9,500, FTA $2,400, State $2,200, Local $800.



The Council approved the 2014-2015 UPWP on March 27, 2014, programming over $916,000 in federal funds to carry out the local metropolitan transportation planning process.

TI 13 – Public Participation Activities

Description: Implement the Council's Public Participation Plan through the production of press releases, meeting notices, and public comment notices for major work products such as the MTP, TIP, and UPWP. Maintain the Council's public information list and website, updating as necessary to better communicate information on Council activities. Distribute Council reports and information to community organizations and individuals and engage with local media as needed.



PDCTC
Poughkeepsie-Dutchess County Transportation Council

Public Notice

Draft State Fiscal Year (SFY) 2014-2015
Unified Planning Work Program (UPWP)

February 20, 2014

The Poughkeepsie-Dutchess County Transportation Council (PDCTC) has initiated a 30-day public comment period for the Draft 2014-2015 Unified Planning Work Program (UPWP). The UPWP is the Council's statement of work, identifying the federally funded planning activities to be carried out by the Council for the period between April 1, 2014 and March 31, 2015. The UPWP includes descriptions of planning tasks and resulting products, and identifies which organization will perform each task, a schedule for completing tasks, the cost of the work, and sources of funds. The Council updates the UPWP annually.

The majority of funds used to support UPWP tasks come from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). The 2014-2015 UPWP programs $916,696 in federal planning funds to support Council activities: $798,694 from the FHWA and $118,002 from the FTA. Major tasks for the new UPWP include updating the Coordinated Public Transit-Human Services Transportation Plan, implementing the Bicycle-Pedestrian Plan, and assisting local communities with their transportation planning needs. The draft UPWP is available upon request or at:
http://www.co.dutchess.ny.us/CountyGov/Departments/TransportationCouncil/upwp20142015.pdf

Public Comments

This comment period provides the public with an opportunity to comment on the proposed UPWP. Comments should be sent in writing (mail, email, or fax) to the address below by **4:00 p.m. on Friday, March 21, 2014**. All public comments will be summarized and presented to the PDCTC Executive Committee prior to action at their meeting on March 27, 2014. The Draft 2014-2015 UPWP is available by mail, email, or on the web at:

PDCTC
27 High Street, 2nd Floor
Poughkeepsie, NY 12601
(845) 486-3600
pdctc@dutchessny.gov
www.dutchessny.gov/pdctc.htm

About the PDCTC: Established in 1982, the PDCTC serves as the designated Metropolitan Planning Organization (MPO) for Dutchess County. Federal regulations require that all Urbanized Areas (U.S. Census defined metropolitan areas with over 50,000 people) be represented by a MPO, which is responsible for ensuring that federal highway and transit funds are committed through a locally driven, comprehensive planning process. The PDCTC includes representatives from local municipalities, the New York State Department of Transportation, and the Metropolitan Transportation Authority.

The Council issues formal public notices of major products.

Products:

- Press releases and public notices (April 2015-March 2016).
- Public meetings (April 2015-March 2016).
- Public information contact list and Council website (April 2015-March 2016).

Responsible Agency: PDCTC

Budget Estimate: FHWA $19,000, FTA $4,800, State $4,500, Local $1,500.

TI 14 – Transportation Management Area (TMA) Coordination*

Description: Participate in TMA related planning activities and meetings. In conjunction with OCTC, UCTC, NYSDOT, and NJTPA, and in consultation with FHWA and FTA, coordinate TMA planning activities within Dutchess, Orange, Passaic, and Ulster counties, to include allocating FTA Section 5307 (Urbanized Area Formula), Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities), and Section 5339 (Bus and Bus Facilities) funding to local providers. Note: TMA-related work on the Congestion Management Process and regional freight planning are listed under separate tasks (TI34 and TI39 respectively). This task supports the PEA related to regional planning cooperation.

Products:
- TMA meetings and conference calls (as needed).
- Meeting agendas and summaries (as needed).
- Council Resolutions to allocate FTA funding (annually).
- Other TMA planning activities (as needed).

Responsible Agencies: PDCTC, OCTC, and UCTC

Budget Estimate: FHWA $28,500, FTA $7,200, State $6,700, Local $2,200.

TI 15 – Federal, State, and Local Reporting

Description: Fulfill all federal, State, and local reporting requirements necessary to support Council operations, to include preparation of quarterly NYSDOT payment requests, semi-annual Disadvantaged Business Enterprise (DBE) reports, and Dutchess County government audits. Issue the Annual Listing of Obligated Projects for FFY 2015.

Products:
- NYSDOT payment requests (April, July, and November 2015; January 2016).
- DBE reports (April and November 2015).
- Dutchess County Single Audit (July-September 2015).
- Annual Listing of Obligated Projects (December 2015).

Responsible Agency: PDCTC

Budget Estimate: FHWA $9,500, FTA $2,400, State $2,200, Local $700.

TI 16 – Professional Development

Description: Attend professional development activities, including relevant training sessions, meetings, and conferences. Staff will provide summary reports of training material as needed.

Products: Training sessions and conferences (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA $17,100, FTA $4,300, State $4,000, Local $1,300.

Data Development and Analysis

The Data Development and Analysis planning task supports the gathering of relevant data to identify issues for further study, defining requirements for future plans and designs, and developing transportation programming priorities. The task includes analyzing projections of population and household characteristics, potential development and employment centers, and transportation-specific data to support long-range transportation planning at the system and project levels.

TI 21 – Demographic Data Analysis and Forecasting

Description: Analyze demographic data from the 2010 Census, American Community Survey (ACS), and 2006-2010 Census Transportation Planning Products (CTPP). Make demographic forecasts to support long-range planning work with the updated travel demand model and development of the new Metropolitan Transportation Plan (MTP) – *Moving Dutchess 2*.

Products:
- 2010 Census, ACS, and CTPP data analysis (April 2015-March 2016).
- Revised demographic forecasts (April 2015-March 2016).

Responsible Agency: PDCTC

Budget Estimate: FHWA $13,000, FTA $1,900, State $2,800, Local $900.

TI 22 – Traffic Count Program*

Description: Implement and manage the Council's annual traffic count program. Traffic counts, including vehicle classification and speed data, will be taken at up to 275 locations in 2015. Data will be consistent with NYSDOT requirements and will be used for traffic modeling and congestion management efforts. This project focuses on local (non-State) roads. If awarded, this task will support the Council's work on the FHWA Bicycle-Pedestrian Count Technology Pilot Program. This task supports the PEA related to performance based planning.

Products:
- Online traffic count database maintenance (April 2015-March 2016).
- 2015 traffic data collection program (April-December 2015).
- 2016 traffic data collection schedule (January-March 2016).

Responsible Agencies: PDCTC, NYSDOT, and project consultant.

Budget Estimate: FHWA $71,200, FTA $0, State $13,400, Local $4,500.

TI 23 – Major Projects Tracking

Description: Maintain the Dutchess County Major Projects database and issue the annual Major Projects Report to

support demographic, land use, and travel demand forecasts. Major projects are defined as new land use projects that exceed 25 residential units or 25,000 square feet of non-residential space in urban areas, and 10 residential units or 10,000 square feet of non-residential space in rural areas.

Products: 2014 Major Projects Report (April-June 2015).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $9,500, FTA $100, State $1,800, Local $600.

TI 24 – Household Travel Surveys

Description: Analyze travel survey data specific to Dutchess County gathered under a contract administered by the New York Metropolitan Transportation Council (NYMTC). In addition, support NYSDOT work on obtaining add-on data from the National Household Travel Survey (NHTS).

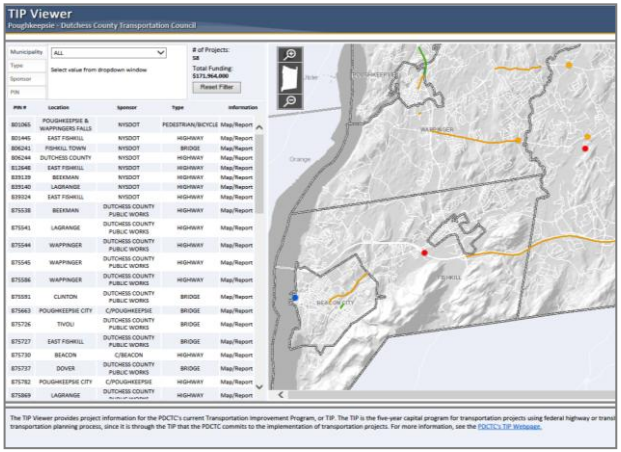
Products:
- Travel Survey Summary (April-September 2015).
- NYS Add-on NHTS data (April 2015-March 2016).

Responsible Agencies: PDCTC, NYMTC, and NYSDOT.

Budget Estimate: FHWA $1,200, FTA $100, State $200, Local $100.

TI 25 – Geographic Information Systems (GIS)/Database Management

Description: Analyze demographic and transportation data including Census data, crash locations, road and bridge conditions, non-motorized infrastructure, and traffic volume data using Geographic Information Systems (GIS) mapping. Use GIS to implement the Metropolitan Transportation Plan, *Moving Dutchess*, and develop the new MTP. Maintain the online TIP database/GIS mapping platform to show information on TIP projects. Ongoing efforts will include maintaining transportation, environmental, land use, and demographic data for use in GIS.



The Council's TIP Viewer provides information on current TIP projects using a GIS portal created by the Dutchess County Computer Information Services Division.

Products:
- Maintain the Council's TIP Viewer application: an online database/GIS portal of local TIP information (April 2015-March 2016).
- Demographic and transportation maps (April 2015-March 2016).

Responsible Agencies: PDCTC, Dutchess County Planning Department, and Dutchess County Division of Information Services (OCIS).

Budget Estimate: FHWA $10,700, FTA $100, State $2,000, Local $700.

TI 26 – Pavement Condition Monitoring

Description: Assess pavement conditions on local federal-aid eligible roads in Dutchess County. This task builds upon work already done by NYSDOT-Region 8 and the Dutchess County Department of Public Works (DCDPW) and expands it to the remainder of the local federal-aid system. DCDPW will perform the pavement assessment.

Products: Pavement condition data and assessment (October-December 2015).

Responsible Agencies: PDCTC and DCDPW.

Budget Estimate: FHWA $5,900, FTA $0, State $1,100, Local $400.

TI 27 – Functional Classification Update

Description: As necessary, update the functional classifications of local highways based on the 2010 Adjusted Urbanized Area (AUZA) boundary and travel characteristics.

Products: Functional Classification database (April-June 2015).

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA $1,200, FTA $0, State $200, Local $100.

TI 28 – Performance Monitoring*

Description: Gather and analyze transportation data necessary to monitor the performance of the local transportation system based on the measures identified in *Moving Dutchess*. The Council will use the data to measure progress towards meeting short- and long-range goals for specific issues such as transportation safety, facility preservation, traffic congestion, and resource protection. The Council will also carry out work necessary to meet federal MAP-21 rulemakings on various performance measures (e.g. safety, pavement and bridge performance). This task includes coordinating with NYSDOT on performance monitoring activities. This task directly supports the PEA related to performance-based planning.

Products:
- Transportation data gathering and analysis (April 2015-March 2016).
- Progress report on performance measures (April 2015-March 2016) (to be included in the new MTP).

Responsible Agency: PDCTC

Budget Estimate: FHWA $6,000, FTA $100, State $1,100, Local $400.

Long-Range Transportation Planning (System Level)

Long-range transportation planning at the system level forms the basis for future community planning activities and the programming of transportation funds. Studying the transportation system at the regional and county level allows the Council to identify issues and challenges that cross jurisdictional borders, such as traffic congestion, regional transit connections, and sustainable development.

TI 31 – Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*)

Description: Complete a new long-range, twenty-five year transportation plan for Dutchess County. The new MTP, titled *Moving Dutchess 2*, will replace the current MTP (*Moving Dutchess*) which was adopted in 2011. As in *Moving Dutchess*, the new MTP will use a 2040 planning horizon and identify strategies to maintain the existing transportation system and shape it to meet future demands, as determined by projected demographic and travel patterns in the County (supported by tasks TI 21-TI 28). *Moving Dutchess 2* will comply with MAP-21 planning requirements.

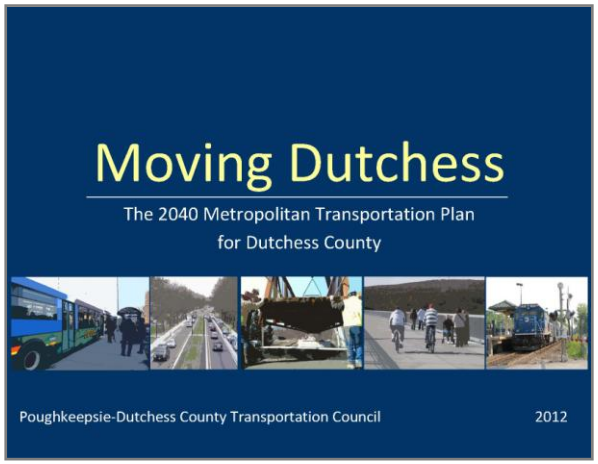
The Council will continue to implement recommendations from *Moving Dutchess* and support member agency implementation of projects, plans, and policies that support the goals and recommendations of the current MTP. This includes pursuing tasks not specifically identified in this UPWP, which may involve developing general scopes of work for local transportation plans or other projects.

Products:

- Current MTP (*Moving Dutchess*) implementation activities (April-November 2015).
- Develop Draft MTP (*Moving Dutchess 2*) (April-November 2015).
- Undertake new MTP public engagement activities (April-November 2015).
- Complete Final MTP (November 2015)

Responsible Agencies: PDCTC and member agencies.

Budget Estimate: FHWA $115,900, FTA $10,100, State $23,600, Local $7,000.



The Council approved Moving Dutchess on November 18, 2011, making it the Council's fifth long-range transportation plan and continuing a 30-year tradition of transportation planning in Dutchess County.

TI 32 – Travel Demand Model/Transportation Data Analysis and Forecasting

Description: The Council will use the newly updated Travel Demand Model to support the TMA's Congestion

Management Process and community planning activities as warranted. The Council will gather and integrate data from the annual traffic count program, NYSDOT Highway Data Services Bureau, TMA Travel Time Survey, and NYMTC Household Travel survey into the model. The Council will also use the model to make transportation forecasts to support the implementation of *Moving Dutchess* and develop the new MTP: *Moving Dutchess 2*. This task includes annual maintenance support for the TransCAD software package.

Products:
- New Travel Demand Model outputs (April-June 2015).
- Transportation forecasts (April 2015-March 2016).
- TransCAD maintenance (April 2015-March 2016).

Responsible Agency: PDCTC

Budget Estimate: FHWA $28,500, FTA $500, State $5,500, Local $1,800.

TI 33 – Air Quality and Energy Planning

Description: Monitor regional air quality conformity actions and use the EPA's Motor Vehicle Emission Simulator (MOVES2014) program to perform greenhouse gas reduction analyses when needed. Support other energy planning efforts, such as implementation of the interim NYS Climate Action Plan.

Products: MOVES2014 data reports (as needed).

Responsible Agencies: PDCTC

Budget Estimate: FHWA $9,500, FTA $500, State $1,900, Local $600.

TI 34 – Congestion Management Process (CMP)*

Description: In conjunction with the OCTC and UCTC, implement the joint Mid-Hudson Valley Congestion Management Process (CMP), which establishes methods to measure, locate, and manage severe, recurring congestion in Dutchess, Orange, and Ulster counties. Continue to analyze data from the TMA travel time survey and begin planning for follow-on survey work. Use the new Travel Demand Model (TDM) to conduct a CMP analysis for Dutchess County. This task supports the PEA related to performance-based planning.

Products:
- New TDM CMP analysis (April 2015-March 2016).
- CMP Update (January-March 2016).

Responsible Agencies: PDCTC, OCTC, and UCTC.

Budget Estimate: FHWA $9,500, FTA $500, State $1,900, Local $600.

TI 35 – Travel Demand Management (TDM) Activities*

Description: Support the study, planning, implementation, and management of State, regional, and local TDM activities, including the 511NY Rideshare program, 511NY website, and

other NYSDOT TDM strategies to reduce single occupant vehicle travel and, in turn, reduce traffic congestion and energy consumption. This task supports the PEA related to improving access to essential services.

Products: 511NY Rideshare program maintenance (April 2015-March 2016).

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA $1,900, FTA $500, State $500, Local $200.

TI 36 – Intelligent Transportation System (ITS) Support

Description: Support the expansion and management of State, regional, and local ITS infrastructure and systems, to include maintenance of the State's 511NY traveler information system as it relates to Dutchess County and the use of ITS technology by the Dutchess County and City of Poughkeepsie bus systems.

Products:
- 511NY website data (April 2015-March 2016).
- ITS implementation (April 2015-March 2016).

Responsible Agencies: PDCTC, NYSDOT, Duchess County Public Transit, and City of Poughkeepsie.

Budget Estimate: FHWA $1,900, FTA $500, State $500, Local $200.

TI 37 – State and Regional Transportation Study Liaison*

Description: Participate in member agency studies that may affect Dutchess County or support the work of the Council. This includes Metro-North Railroad's West of Hudson Regional Transit Access Study, which will identify strategies to provide improved and more cost-effective commuter service between central Orange County and New York City and more transit options to Stewart International Airport. The Council will also participate in the jointly sponsored NYSDOT and Federal Railroad Administration (FRA) Tier 1 Service Level Environmental Impact Statement (EIS) for high speed rail service on the 463-mile Empire Corridor between New York City and Niagara Falls.

Support planning studies identified as Statewide Planning and Research (SPR) activities by NYSDOT. These are federally funded planning activities that are of statewide benefit or satisfy a specific NYSDOT planning responsibility to FHWA. These include traffic count data collection on State roads, travel surveys, infrastructure inventories, freight planning, and transit studies. This task supports the PEA related to promoting regional planning.

Products:
- West of Hudson Regional Transit Access Study (April-September 2015).
- NYS High Speed Rail Tier 1 EIS (April-September 2015).
- NYSDOT SPR study support (as needed).
- State and regional transportation studies (as needed).

Responsible Agencies: PDCTC, NYSDOT, Metro-North Railroad, FRA, and member agencies.

Budget Estimate: FHWA $1,900, FTA $500, State $500, Local $200.

TI 38 – Regional Freight Planning*

Description: Support the development of a regional freight plan for the Mid-Hudson Valley TMA. The regional freight plan would include an inventory of existing freight activities across multiple modes of transportation (e.g. truck, rail, ship/barge, and air) and identify potential solutions to improve freight efficiency on facilities such as I-84/87, CSX rail lines in Orange and Ulster counties, Stewart International Airport in Orange County, and the Hudson River. This consultant supported study would build upon the work being done by NYSDOT on its statewide freight plan. This task supports the PEA related to promoting regional planning.

Products:
- MAP-21 freight planning implementation (as needed).
- TMA Regional Freight Plan Scope of Work (January-March 2016).

Responsible Agencies: PDCTC, OCTC, UCTC, and NYSDOT.

Budget Estimate: FHWA $5,700, FTA $0, State $1,100, Local $400.

TI 39 – Regional Transit Planning*

Description: Support the development of a regional transit plan for the Mid-Hudson Valley TMA. This effort would include an inventory of existing transit services and an assessment of future transit capital needs across the region. The transit plan would seek ways to improve bus, rail, and ferry connections between adjacent counties, urban centers, housing concentrations, transit hubs, and major employment destinations. The transit plan would also offer conceptual designs for transit-oriented developments in cities and other major centers where jobs, housing, and transportation could work together to create transit-friendly neighborhoods. This task supports the PEA related to promoting regional planning.

Products:
- TMA Transit Capital Plan (April 2015-March 2016).
- TMA Regional Transit Plan Scope of Work and Request for Qualifications (April 2015 -March 2016).

Responsible Agencies: PDCTC, OCTC, UCTC, NYSDOT, and MTA/Metro-North Railroad.

Budget Estimate: FHWA $15,200, FTA $3,700, State $3,500.

Long-Range Transportation Planning (Project Level)

Long-range transportation planning at the project level encompasses tasks pertaining to specific communities, sub-areas, or corridors. These tasks require detailed analyses that are more precise than system-level analyses. Project level

planning may focus on multi-modal issues or only one or two transportation modes. Project level tasks support the recommendations and priorities in *Moving Dutchess*. Projects in this section include those initiated by the Council as well as those initiated by member agencies.

TI 41 – Community Transportation Planning Assistance

Description: With support from the Dutchess County Planning Department, offer planning and design assistance to communities that have joined the Greenway Compact program and wish to put Greenway principles into practice by creating pedestrian- and bicycle-friendly communities, transforming strip commercial areas into mixed-use centers, and reducing traffic congestion. This includes assistance to municipalities with the development of local Complete Streets laws and plans. This task will also focus on clearly identifying the transportation-land use connection and outlining how coordinated land use and transportation planning can promote sustainable development. Plans that result from this work may be used to prioritize future projects.

Products: Community transportation planning assistance (April 2015-March 2016).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $13,300, FTA $100, State $2,500, Local $800.

TI 42 – Local Sidewalk Planning Initiative*

Description: With support from the Dutchess County Planning Department, provide technical assistance to one or more municipalities to inventory and evaluate local sidewalk systems in and around residential and commercial centers. This will include the identification of strategies to fill in gaps, provide new pedestrian connections, and offer design alternatives for locations with heavy pedestrian activity. This task includes follow-up work on the recently completed Pine Plains Town Center Pedestrian Plan, and implementation of recommendations from the Hyde park and Rhinebeck sidewalk studies. This task supports the PEA related to improving access to essential services.

The Council's Local Sidewalk Initiative relies on the active participation of residents to identify sidewalk and trail improvements, particularly at workshops such as this one in the Town of Pine Plains.

Products:

- Implement previous pedestrian plans (Towns of Hyde Park and Pine Plains, and Village of Rhinebeck (April 2015-March 2016).
- Work with one or more municipalities to develop a

local Sidewalk Plan (April 2015-March 2016).

Responsible Agencies: PDCTC, Dutchess County Planning Department, and local municipalities.

Budget Estimate: FHWA $9,500, FTA $0, State $1,800, Local $600.

TI 43 – Poughkeepsie Waterfront/Transit Oriented Development (TOD) Strategic Plan*

Description: Assist the City of Poughkeepsie and Metro-North Railroad with implementation of the Poughkeepsie Waterfront Redevelopment Strategy, which created a Waterfront Transit Oriented Development (TOD) district in the area around the Poughkeepsie Railroad Station. The WTOD zoning amendment was adopted by the City in November 2014. The project builds upon a previous FHWA Transportation, Community, and System Preservation (TCSP) grant administered by Metro-North Railroad.

This project serves as an example of public-private partnership planning and emphasizes pedestrian and transit connections with surrounding neighborhoods and the City Center. The NYS Department of State has also committed $150,000 to update the City's draft Local Waterfront Revitalization Program (LWRP) and to prepare a Generic Environmental Impact Statement (GEIS) for key properties in the area, consistent with the recommendations of the Waterfront Redevelopment Strategy. This task supports the PEA related to improving access to essential services.

Products: Poughkeepsie Waterfront Redevelopment Rezoning Plan (April 2015-June 2015).

Responsible Agencies: PDCTC, Metro-North Railroad, Dutchess County Planning Department, City of Poughkeepsie.

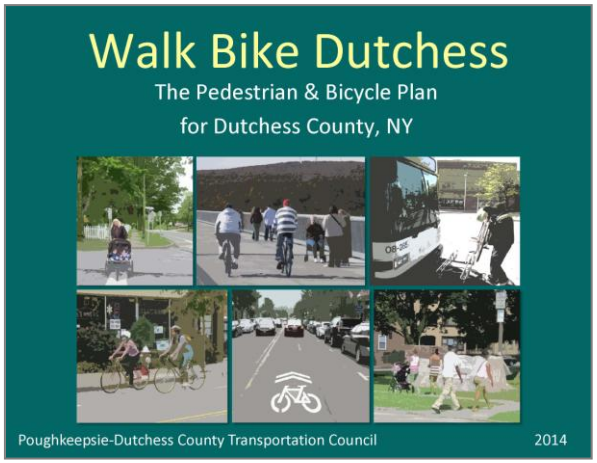
Budget Estimate: FHWA $5,700, FTA $1,800, State $1,400, Local $500, Private $210,000.

The Poughkeepsie Waterfront Redevelopment Strategy creates a sustainable vision for future development along the City's Hudson River frontage.

TI 44 – Pedestrian-Bicycle Plan Implementation/Complete Streets*

Description: Implement recommendations from *Moving Dutchess* and *Walk Bike Dutchess* - the Council's new Pedestrian and Bicycle Plan, by addressing the needs of pedestrians and bicyclists and integrating walking and bicycling into the transportation system. The Council will continue to work with the Bicycle-Pedestrian Advisory

Committee (BPAC) to implement *Walk Bike Dutchess*. The Council will also develop a County Complete Streets Policy and checklist for future development, working with an inter-departmental Complete Streets Committee. The Council will use its website to provide information on walking and bicycling facilities and resources. This task supports the PEA related to improving access to essential services.



The Council approved Walk Bike Dutchess on March 27, 2014. The plan provides a long-term (20-year) vision for walking and bicycling in Dutchess County.

Products:

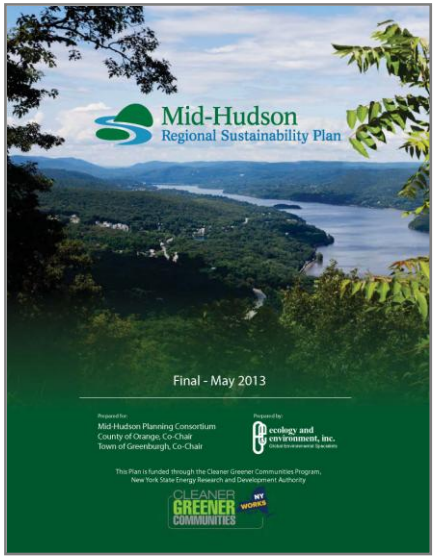
- Implement walking and bicycling recommendations from *Moving Dutchess* and the *Walk Bike Dutchess* (April 2015-March 2016).
- BPAC meetings (quarterly).
- County Complete Streets Policy and Checklist (April-September 2015).
- Inter-Departmental Complete Streets Committee meetings (As needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA $13,300, FTA $100, State $2,500, Local $800.

TI 45 – Regional Sustainability Planning*

Description: Support the implementation of the Mid-Hudson Valley Regional Sustainability Plan, which establishes a sustainability baseline, including inventories of greenhouse gas emissions and energy use, and includes an assessment of sustainability indicators including economic assets, liabilities and opportunities as well as transportation, land use, and natural resources. The plan's goals address increasing energy efficiency, promoting renewable energy and reducing carbon emissions. This task supports the PEA related to promoting regional planning.



Completed in 2013, the Mid-Hudson Regional Sustainability Plan identifies strategies to promote sustainable development and more liveable communities across the seven-county region, including Dutchess County.

Products: Mid-Hudson Regional Sustainability Plan

Implementation (April 2015-March 2016).

Responsible Agencies: PDCTC and other responsible agencies.

Budget Estimate: FHWA $1,900, FTA $100, State $400, Local $100.

TI 46 – Corridor Management Planning

Description: Complete a Corridor Management Plan (CMP) for Upper Route 9G in the Town of Red Hook and Village of Tivoli. The CMP will identify short- and long-range recommendations to improve vehicular and non-vehicular safety and access along the study corridor. The CMP will address potential roadway improvements, traffic signal modifications, access management improvements, and bicycle/pedestrian/transit improvements, while also evaluating the impacts of development proposals and local land use laws on future operations and safety. The CMP will include outreach to key stakeholders and the public through meetings and workshops, while an Advisory Committee of local stakeholders will help guide the project. The project will also be supported by consultant services.

Products:
- Advisory Committee meetings (April-December 2015).
- Stakeholder meetings/public workshops.
- Draft Corridor Management Plan (December 2015).

Responsible Agencies: PDCTC and other responsible agencies.

Budget Estimate: FHWA $133,000, FTA $100, State $25,000, Local $8,300.

TI 47 – Transportation Safety and Security Planning (44.26.16)

Description: The Council will conduct a Safety Assessment to identify low cost improvements at a high crash location identified in *Moving Dutchess* or suggested by member agencies. The Safety Assessment will be based on FHWA Road Safety Audit (RSA) and NYSAMPO Safety Assessment guidelines. Working with its member agencies, the Council will also implement safety related recommendations from *Moving Dutchess* and the State's *Strategic Highway Safety Plan*. The Council will continue to participate on the Dutchess County Traffic Safety Board (DCTSB) to identify and mitigate safety issues.

Products:
- DCTSB meetings (April 2015-March 2016).
- Safety Assessment (April 2015-March 2016).
- Implement safety recommendations in *Moving Dutchess* (April 2015-March 2016).

Responsible Agencies: PDCTC, NYSDOT, and DCTSB.

Budget Estimate: FHWA $13,300, FTA $100, State $2,500, Local $800.

Short-Range Transportation Planning

The short-range transportation planning task focuses on planning projects with near term horizons that support the recommendations in *Moving Dutchess*. The Council will review proposed land use and transportation projects for their potential impacts on the regional transportation network and for consistency with the Council's strategic goals and objectives, especially as they relate to livability and sustainable development.

TI 51 – Transportation Impact Reviews/Sustainable Development Practices

Description: In conjunction with the Dutchess County Planning Department, evaluate the impacts of proposed land use developments on the transportation system. The Council, through the Planning Department, will provide decision-making agencies (e.g. municipal planning, zoning, and legislative boards) with site plan alternatives, design improvements, and other recommendations to support the Council's objective of promoting livability and sustainable development. Recommendations will focus on accommodating appropriate land uses and encouraging economic development, while managing development to minimize adverse impacts on transportation infrastructure and improve safety and access.

Products: Site plan and zoning referral memorandums (April 2015-March 2016).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $63,300, FTA $1,200, State $12,100, Local $4,000.

TI 52 – Inter-Departmental Project Coordination

Description: Working with the Dutchess County Planning Department, encourage better coordination between the Council/Planning Department and Dutchess County Department of Public Works (DPW), especially in the early stages of County road construction and maintenance projects. Discuss and incorporate pedestrian, bicycle, and other improvements as appropriate, focusing particularly on designated centers. Identify opportunities for DPW coordination with local street projects, including CDBG-funded projects, federally-funded projects, locally-funded projects, and private development projects. Facilitate coordination between DPW and municipalities, through assistance of County lead planners. In conjunction with the y Planning Department, evaluate the impacts of proposed land use developments on the transportation system.

Products:

- Dutchess County Planning-DPW Coordination meetings (quarterly).
- Project information notes (April 2015-march 2016).

Responsible Agencies: PDCTC, Dutchess County Planning Department, and Dutchess County Public Works.

Budget Estimate: FHWA $6,300, FTA $100, State $1,200, Local $400.

Transportation Improvement Program (TIP)

The Transportation Improvement Program (TIP) serves as the prioritized listing of federally funded transportation projects in Dutchess County and is developed and adopted by the Council as part of the metropolitan transportation planning process. Based on the Federal Fiscal Year (FFY) calendar, the TIP covers a five-year period and is updated in conjunction with the Statewide Transportation Improvement Program (STIP). The current 2015-2018 TIP covers the period from October 1, 2013 through September 30, 2018. The Council will amend the TIP to account for funding and project changes.

TI 61 – Transportation Improvement Program (TIP)*

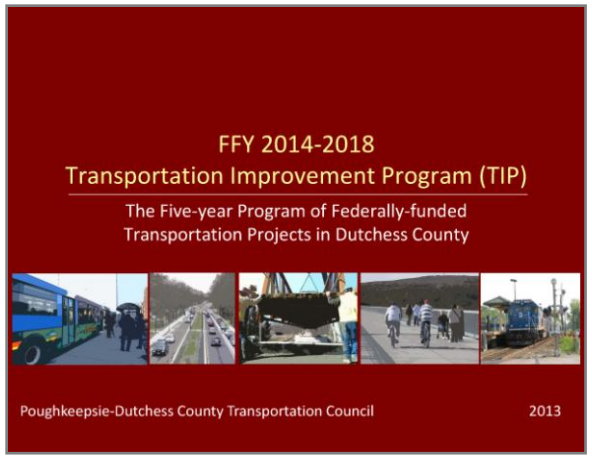
Description: Maintain the 2014-2018 TIP through amendments and administrative modifications that meet MAP-21 requirements, maintain fiscal constraint, and support changing sponsor priorities and project scopes. Support potential project solicitations for the Surface Transportation Program (STP) and prioritize projects using the Council's Project Selection Criteria. Maintain the online TIP Viewer portal. This task supports the PEA related to performance-based planning.

Products:

- FFY 2014-2018 TIP Amendments and Administrative Modifications (April 2015-March 2016).
- TIP Viewer maintenance (April 2015-March 2016)

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA $31,700, FTA $2,400, State $6,400, Local $2,100.



The Council approved the 2014-2018 TIP on June 20, 2013, programming $69 million in federal highway and transit funding for projects in Dutchess County.

Transit Planning Emphasis Areas

The Council works closely with member agencies, including public transit operators, to improve the efficiency and effectiveness of local and regional transit operations. This includes local bus operations provided by the Dutchess County Division of Public Transit and the City of Poughkeepsie, in addition to regional commuter rail services provided by MTA/Metro-North Railroad and regional bus services sponsored by NYSDOT. The Council will perform the tasks described below to improve transit operations in Dutchess County and the surrounding region.

TI 71 – Coordination of Non-Emergency Human Service Transportation (44.26.12)*

Description: In coordination with human service providers, identify transportation projects to address the mobility needs of special needs populations such as the disabled and elderly. The Council will seek funding for eligible projects through FTA programs such as Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities). The Council will also implement the County's new Coordinated Public Transit Human Services Transportation Plan. This task supports the PEA related to improving access to essential services.

Products:
- Implement the new *Coordinated Public Transit-Human Services Transportation Plan* (April-June 2015).
- Coordinate with human service agencies to help meet their clients' mobility needs (April 2015-March 2016).

Responsible Agencies: PDCTC, public transit providers, and local human service agencies.

Budget Estimate: FHWA $0, FTA $16,800, State $3,200, Local $1,100.

TI 72 – Participation of Transit Operators in Metropolitan and Statewide Planning (44.26.13)*

Description: Seek the participation of transit operators in carrying out the metropolitan transportation planning program, including the implementation of the written agreement between the Council and operators to share system, operational, and financial information in support of Metropolitan Transportation Plan, the Transportation Improvement Program (TIP), and the Annual Listing of Obligated Projects. Coordinate with transit operators to identify capital projects necessary to improve transit service in Dutchess County, including the placement of bus stop shelters, bike racks, and other passenger-related infrastructure at key locations. This task supports the PEA related to improving access to essential services.

Products: Collect system, operational, and financial data from transit providers, as per the 2011 written agreement between the Council and transit operators (April 2015-March 2016).

Responsible Agencies: PDCTC, NYSDOT, MTA/Metro-North Railroad, Dutchess County Public Transit, and City of Poughkeepsie.

Budget Estimate: FHWA $0, FTA $12,000, State $2,300, Local $800.

TI 73 – Transit Systems Management and Operations (44.26.14)*

Description: Provide transit planning support for the Dutchess County and City of Poughkeepsie bus systems and MTA/Metro-North Railroad, with a focus on improving the efficiency and effectiveness of regional and local transit service in the metropolitan planning area. This task supports the PEA related to improving access to essential services.

Products: Transit system coordination (April 2015-March 2016).

Responsible Agencies: PDCTC, MTA/Metro-North Railroad, Dutchess County Public Transit, and City of Poughkeepsie.

Budget Estimate: FHWA $0, FTA $16,800, State $3,200, Local $1,100.

The City of Poughkeepsie's new transit hub, funded by the FTA, was a major capital improvement for the regional transit system.

Other Activities

TI 81 – NYSAMPO Activities*

Description: Participate in the NYSAMPO, which provides a forum for the 14 NYS MPOs to collaborate on mutually beneficial activities. NYSAMPO activities are supported directly with FHWA and FTA planning funds, which are matched by NYSDOT. In addition to routine staff director meetings, the Association has formed several working groups to promote information sharing among staff. Working groups cover specific focus areas such as traffic safety, bicycle and pedestrian planning, traffic management and operations, climate change, transit planning, air quality conformity planning/travel demand modeling, and GIS mapping. This task supports the PEA related to promoting regional planning.

Products:
- NYSAMPO staff director meetings/calls (April 2015-March 2016).
- NYSAMPO working group meetings/calls (April 2015-March 2016).
- SCI project participation (April 2015-March 2016).

Responsible Agencies: PDCTC, NYSDOT, and NYSAMPO.

Budget Estimate: FHWA $7,900, FTA $1,200, State $1,700, Local $600.

13. Public Participation Process

The 2015-2016 UPWP was discussed by the Council's Planning Committee at its meetings on November 25, 2014, January 28, 2015, and February 25, 2015. On February 2, 2015, the Council issued a UPWP public notice by email and standard mail to its public information list, including local media outlets and Planning Committee members. The public notice announced the availability of the UPWP for public review and comment. The complete draft UPWP was posted on the Council's website at www.dutchessny.gov/pdctc.htm. The notice set a deadline of March 3, 2015 for comments.

14. SFY 2015-2016 Program Budgets

The following tables provide information on the use of federal, State, and County funds in support of Council work activities for SFY 2015-2016: Table 2 summarizes the FHWA and FTA Task Budgets; Tables 3 and 4 summarize the FHWA and FTA Object Budgets; Table 5 summarizes the FTA Detailed Budget; and Table 6 shows the cost estimates for each individual task.

Table 2. PDCTC 2015-2016 UPWP Task Budget

UPWP Task	FHWA (PL)				FTA (MPP)				Program Total
	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total	
Program Support and Administration	$189,981	$11,873	$35,624	$237,478	$48,067	$3,004	$9,012	$60,083	$297,561
Data Development and Analysis	$118,738	$7,421	$22,263	$148,422	$2,404	$150	$451	$3,005	$151,427
Long-Range Transportation Planning (System Level)	$189,981	$11,874	$35,621	$237,476	$16,825	$1,052	$3,155	$21,032	$258,508
Long-Range Transportation Planning (Project Level)	$189,981	$11,874	$35,621	$237,476	$2,404	$150	$451	$3,005	$240,481
Short-Range Transportation Planning	$63,327	$3,958	$11,874	$79,159	$1,202	$75	$225	$1,502	$80,661
Transportation Improvement Program (TIP)	$31,663	$1,979	$5,937	$39,579	$2,404	$150	$451	$3,005	$42,584
Transit Planning	$0	$0	$0	$0	$45,668	$2,855	$8,563	$57,086	$57,086
Other Activities	$7,916	$495	$1,483	$9,894	$1,202	$75	$225	$1,502	$11,396
Toll Credits	n/a	n/a	$148,423			n/a	n/a	n/a	n/a
Total	**$791,587**	**$49,474**	**$148,423**	**$989,484**	**$120,176**	**$7,511**	**$22,533**	**$150,220**	**$1,139,704**

[1] *NYSDOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.*

Table 3. PDCTC 2015-2016 UPWP FHWA (PL) Object Budget

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Staff Salaries	$364,190	$22,760	$0	$386,950
Fringe Benefits	$204,857	$12,804	$0	$217,661
Travel	$2,664	$167	$0	$2,831
Equipment	$1,900	$119	$0	$2,019
Supplies/Reproduction	$2,232	$140	$0	$2,372
Contractual	$170,387	$10,649	$0	$181,036
Indirect Charges	$45,357	$2,835	$0	$48,192
Toll Credits	n/a	n/a	$148,423	$148,423
Total	**$791,587**	**$49,474**	**$148,423**	**$989,484**

[1] *NYSDOT match for FHWA (PL) funds provided through toll credits.*

Table 4. PDCTC 2015-2016 UPWP FTA (MPP) Object Budget

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Staff Salaries	$69,308	$4,330	$12,994	$86,632
Fringe Benefits	$38,985	$2,437	$7,310	$48,732
Travel	$296	$19	$56	$371
Equipment	$0	$0	$0	$0
Supplies/Reproduction	$248	$16	$47	$311
Contractual	$0	$0	$0	$0
Indirect Charges	$11,339	$709	$2,126	$14,174
Total	**$120,176**	**$7,511**	**$22,533**	**$150,220**

[1] *NYSDOT match for FTA (MPP) funds provided through in-kind services.*

Table 5. PDCTC 2015-2016 UPWP FTA (MPP) Detailed Budget

	FTA Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Item				
Staff Salaries	$69,308	$4,330	$12,994	$86,632
Fringe Benefits	$38,985	$2,437	$7,310	$48,732
Travel	$296	$19	$56	$371
Equipment	$0	$0	$0	$0
Supplies/Reproduction	$248	$16	$47	$311
Contractual	$0	$0	$0	$0
Indirect Charges	$11,339	$709	$2,126	$14,174
Total	**$120,176**	**$7,511**	**$22,533**	**$150,220**
Task				
44.21.00 - Program Support, Administration & Liaison	$48,067	$3,004	$9,012	$60,083
44.22.00 - Data Development and Analysis	$2,404	$150	$451	$3,005
44.23.01 - Long Range Transportation Planning-System Level	$16,825	$1,052	$3,155	$21,032
44.23.02 - Long Range Transportation Planning-Project Level	$2,404	$150	$451	$3,005
44.24.00 - Short Range Transportation Planning	$1,202	$75	$225	$1,502
44.25.00 - Transportation Improvement Program	$2,404	$150	$451	$3,005
44.26.12 - Coordination of Non-Emergency Human Service Transportation	$16,825	$1,052	$3,155	$21,032
44.26.13 - Participation of Transit Operators in Metropolitan Planning	$12,018	$751	$2,253	$15,022
44.26.14 - Transit Systems Management and Operations	$16,825	$1,052	$3,155	$21,032
44.27.00 - Other Activities	$1,202	$75	$225	$1,502
Total	**$120,176**	**$7,511**	**$22,533**	**$150,220**

[1] *NYSDOT match for FTA (MPP) funds provided through in-kind services.*

Table 6. PDCTC 2015-2016 UPWP Task Cost Estimates

Task	FHWA (PL)	FTA (MPP)	NYSDOT[1]	Dutchess County	Total
TI 11 - Council Support and Administration	$106,389	$26,918	$24,995	$8,332	$166,634
TI 12 - Unified Planning Work Program (UPWP)	$9,499	$2,403	$2,232	$744	$14,878
TI 13 - Public Participation Activities	$18,998	$4,807	$4,463	$1,488	$29,756
TI 14 - Transportation Management Area (TMA) Coordination	$28,497	$7,210	$6,695	$2,232	$44,634
TI 15 - Federal, State, and Local Reporting	$9,499	$2,403	$2,232	$744	$14,878
TI 16 - Professional Development	$17,098	$4,326	$4,017	$1,339	$26,780
TI 21 - Demographic Data Analysis & Forecasting	$13,061	$1,923	$2,810	$937	$18,730
TI 22 - Traffic Count Program	$71,243	$0	$13,358	$4,453	$89,054
TI 23 - Major Projects Tracking	$9,499	$120	$1,804	$601	$12,024
TI 24 - Household Travel Surveys	$1,187	$120	$245	$82	$1,634
TI 25 - Geographic Information Systems (GIS)/Database Management	$10,686	$120	$2,026	$675	$13,508
TI 26 - Pavement Condition Monitoring	$5,937	$0	$1,113	$371	$7,421
TI 27 - Functional Classification Update	$1,187	$0	$223	$74	$1,484
TI 28 - Performance Monitoring	$5,937	$120	$1,136	$379	$7,571
TI 31 - Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*)	$115,888	$10,095	$23,622	$7,874	$157,479
TI 32 - Travel Demand Model/Transportation Data Analysis & Forecasting	$28,497	$505	$5,438	$1,813	$36,252
TI 33 - Air Quality and Energy Planning	$9,499	$505	$1,876	$625	$12,505
TI 34 - Congestion Management Process	$9,499	$505	$1,876	$625	$12,505
TI 35 - Travel Demand Management (TDM) Activities	$1,900	$505	$451	$150	$3,006
TI 36 - Intelligent Transportation System (ITS) Support	$1,900	$505	$451	$150	$3,006
TI 37 - State and Regional Transportation Study Liaison	$1,900	$505	$451	$150	$3,006
TI 38 - Regional Freight Planning	$5,699	$0	$1,069	$356	$7,124
TI 39 - Regional Transit Planning	$15,198	$3,702	$3,544	$1,181	$23,625
TI 41 - Community Transportation Planning Assistance	$13,299	$120	$2,516	$839	$16,774
TI 42 - Local Sidewalk Planning Initiative	$9,499	$0	$1,781	$594	$11,874
TI 43 - Poughkeepsie Waterfront/TOD Strategic Plan	$5,699	$1,803	$1,407	$469	$9,378
TI 44 - Pedestrian-Bicycle Plan Implementation/Complete Streets	$13,299	$120	$2,516	$839	$16,774
TI 45 - Regional Sustainability Planning	$1,900	$120	$379	$126	$2,525
TI 46 - Corridor Management Planning	$132,987	$120	$24,958	$8,319	$166,384
TI 47 - Transportation Safety and Security Planning	$13,299	$120	$2,516	$839	$16,774
TI 51 - Transportation Impact Reviews/Sustainable Development Practices	$56,994	$1,082	$10,889	$3,630	$72,595
TI 52 - Inter-Departmental Project Coordination	$6,333	$120	$1,210	$403	$8,066
TI 61 - Transportation Improvement Program (TIP)	$31,663	$2,404	$6,388	$2,129	$42,584
TI 71 - Coordination of Non-Emergency Human Service Transportation	$0	$16,825	$3,155	$1,052	$21,032
TI 72 - Participation of Transit Operators in Metropolitan Planning	$0	$12,018	$2,253	$750	$15,021
TI 73 - Transit System Management and Operations	$0	$16,825	$3,155	$1,052	$21,032
TI 81 - NYSAMPO Activities	$7,916	$1,202	$1,710	$570	$11,398
Total	**$791,587**	**$120,176**	**$170,956**	**$56,985**	**$1,139,704**

[1] *NYSDOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.*