

# FIRST DRAFT SFY 2017-2018 Unified Planning Work Program (UPWP)

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



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**2017-2018 Unified Planning Work Program (UPWP)**

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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 – the Fixing America’s Surface Transportation (FAST) Act – and 23 U.S.C. 134 and 49 U.S.C. 5303, the PDCTC (hereinafter referred to as the “Transportation Council”) is tasked with carrying out a cooperative and comprehensive multimodal transportation planning process in Dutchess 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 Transportation 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 Transportation 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 Transportation 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. The MTP is updated every five years and addresses at least a 20-year planning horizon. The current MTP, *Moving*

*Dutchess 2*, was adopted with an effective date of April 1, 2016, and uses a planning horizon year of 2040. The MTP recommends policies and projects to build and maintain a transportation system that promotes the safe and efficient movement of people and goods in a sustainable manner.

- **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 2017-2021 TIP was adopted by the Transportation Council in June 2016.
- **Unified Planning Work Program (UPWP)** – the statement of work identifying the federally funded planning activities to be carried out by the Transportation 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 Transportation Council updates the UPWP annually.

**2. Transportation Council Organization**

The Transportation Council, acting as the local MPO decision-making body, is comprised of 16 voting members. Membership on the Transportation 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 Transportation Council, while the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), New York State Bridge Authority (NYSBA), and Dutchess County Departments of Planning and Public Works, and Division of Public Transit serve as non-voting advisory members. Figure 1 shows the Transportation Council's voting members.

The Transportation 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 Transportation Council products. Membership on the Planning Committee is open to all municipalities in Dutchess County and partner agencies.

Day-to-day Transportation Council activities are performed by staff at the Dutchess County Department of Planning and Development, which assumes primary responsibility for developing the UPWP, maintaining the TIP, coordinating local plans and projects, and producing the MTP. NYSDOT-Region 8 assists with TIP maintenance, including processing changes through the eSTIP program. The Dutchess County staff section includes a Transportation Program Administrator, Senior Planner, and Junior Planner.

### 3. Supporting Documents

The Transportation 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): this is the original agreement between NYSDOT and Dutchess County that established the Transportation Council and identified the Transportation 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): this 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 Transportation Council once shared with the New York Metropolitan Transportation Council (NYMTC) and OCTC.

Figure 1. Transportation Council Membership

<p><b><u>Permanent Voting Members</u></b></p> <p>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</p> <p><b><u>One Member from the Partially Urbanized Towns (rotating)</u></b></p> <p>Town of Pawling Supervisor          Town of Pleasant Valley Supervisor          Town of Union Vale Supervisor</p> <p><b><u>One Member from the Urbanized Villages (rotating)</u></b></p> <p>Village of Fishkill Mayor          Village of Pawling Mayor          Village of Wappingers Falls Mayor</p>	<p><b><u>Two Members from the Non-Urban Towns and Villages<sup>1</sup></u></b></p> <p>Town of Amenia Supervisor          Town of Clinton Supervisor<sup>2</sup>          Town of Dover Supervisor          Town of Milan Supervisor          Town of North East Supervisor          Town of Pine Plains Supervisor<sup>2</sup>          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</p> <p><b><u>Non-Voting Members</u></b></p> <p>Federal Highway Administration          Federal Transit Administration          NYSDOT Regional Director (Permanent Secretary)          NYS Bridge Authority Director          Dutchess County Department of Planning &amp; Development          Dutchess County Department of Public Works          Dutchess County Division of Public Transit</p>
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<sup>1</sup> As nominated by the Dutchess County Supervisors and Mayors Association.

<sup>2</sup> Currently appointed members.



Effective July 20, 2013, the EPA identified Dutchess County as being in attainment for the 2008 ozone air quality standard of 0.075 parts per million (ppm). Recent air quality data indicates that Dutchess will also reach attainment for the stricter 2015 ozone standard of 0.070 ppm; the EPA will make its final designations by October 1, 2017.

- PDCTC Written Agreement (effective March 16, 2011): this identifies the roles, responsibilities, and cooperative procedures for carrying out the metropolitan transportation planning process in Dutchess County, agreed to by the Transportation Council, Dutchess County, City of 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 the Transportation Council.
- PDCTC Public Participation Plan (effective January 1, 2015): this plan 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): the Bylaws establish the roles, responsibilities, and structure of the Transportation Council, including its voting membership, meeting protocols, decision-making process, and procedures for adding new and changing 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 Transportation 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 2). Figure 3 shows the portion of the Poughkeepsie-Newburgh NY-NJ Urbanized Area in Dutchess County and the MPO Adjusted Urbanized Area Boundary.

The Orange County Transportation Council (OCTC) and Ulster County Transportation Council (UCTC) oversee transportation planning for their respective counties, while the North Jersey Transportation Planning Authority (NJTPA) is responsible for transportation planning for northern New Jersey including Passaic County.

The TMA classification requires that the MPOs jointly disburse FTA Section 5307 (Urbanized Area) and Section 5339 (Bus and Bus Facilities) transit funding, and receive an in-person federal certification review every four years. TMAs are also required to develop a Congestion Management Plan (CMP) to reduce traffic congestion and improve traffic operations. The TMA received its most recent federal certification in 2013 and will undergo another certification in 2017.

Figure 2. Mid-Hudson Valley Transportation Management Area (TMA)

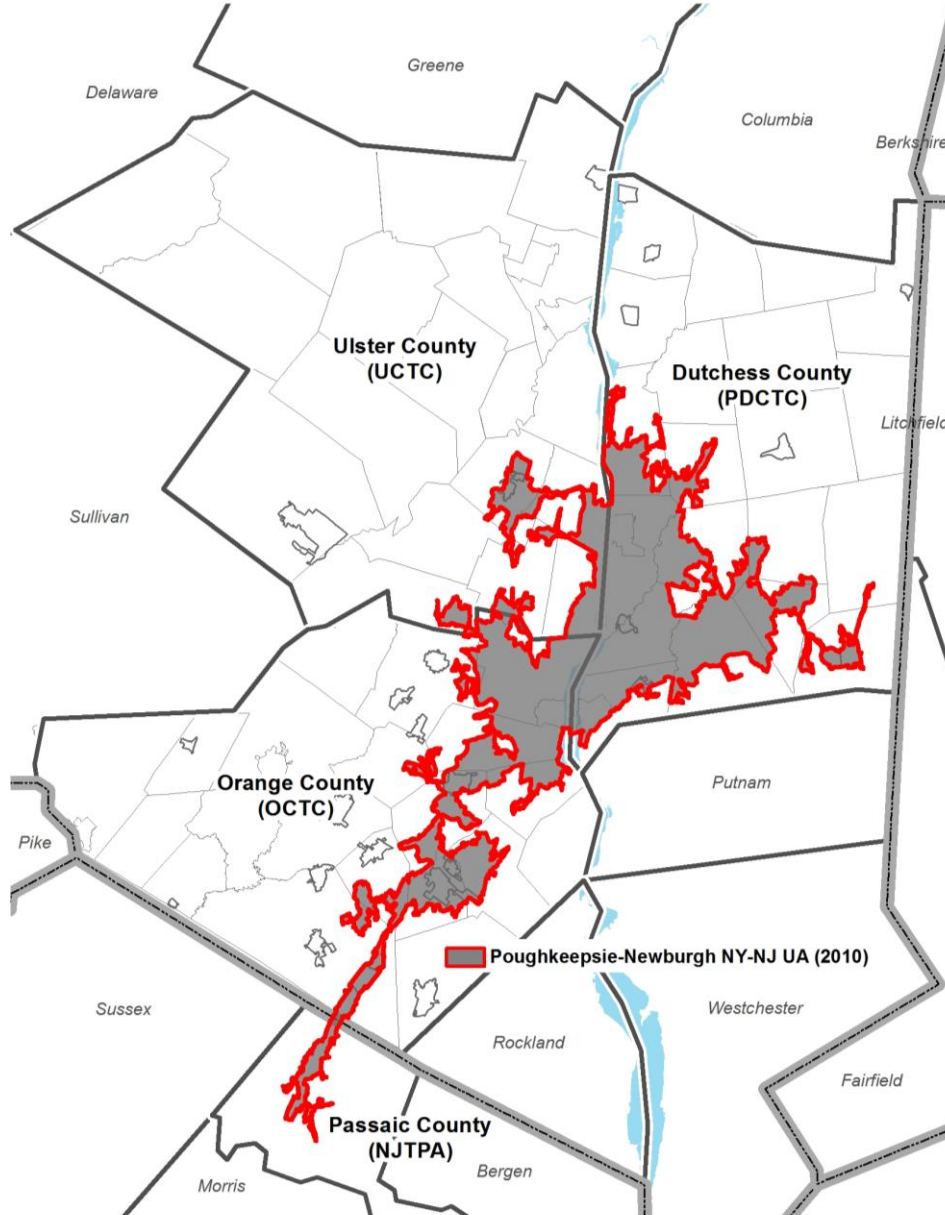
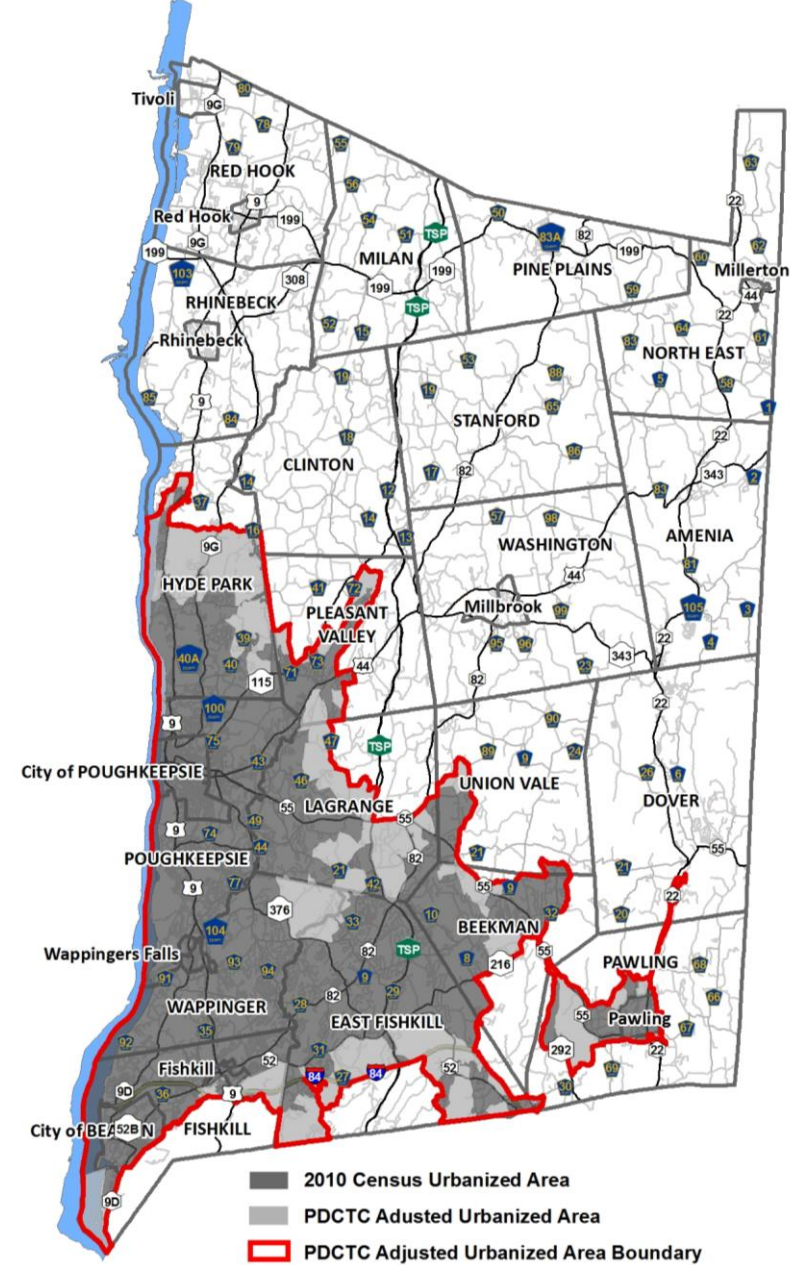


Figure 3. PDCTC Adjusted Urbanized Area





## **2017-2018 Unified Planning Work Program (UPWP)**

### **Metropolitan Planning Organization Coordination and Planning Area Reform**

On December 20, 2016, USDOT issued a new rulemaking to improve transportation planning. The rule, issued jointly by FHWA and FTA, aligns practice with the statutory definition of “Metropolitan Planning Area” (MPA) and requires that MPO planning take place at the regional level – encompassing the entire Census-defined urbanized area and the area forecast to become urbanized in the next 20-years. The effective date of the rule occurs two-years after new urbanized area boundaries are drawn following the 2020 Census, giving areas such as our TMA until 2024 to bring our planning boundaries into alignment and make other changes required by the rule. The TMA will monitor progress on implementing this rule in conjunction with State and other member agencies.

### **5. 2016-2017 Program Accomplishments**

The Transportation 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 2016-2017 program year, accomplishing the following tasks:

- Finalized the new 25-year Metropolitan Transportation Plan, *Moving Dutchess 2*, which recommends projects and plans to preserve the transportation system, while also improving accessibility throughout Dutchess County. The Transportation Plan includes a reassessment of the MPO’s performance measures and goals first established in 2012.

- Approved the new FFY 2017-2021 Transportation Improvement Program (TIP), programming almost \$86 million in federal transportation funding for highway and transit projects in Dutchess County. Also updated the Transportation Council’s online TIP Viewer application.
- Completed the Upper Route 9G Corridor Management Plan (CMP), which identifies 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, as well as CR 78 (Broadway) through Tivoli and CR 103 (Annandale Rd.) through Bard College.



*During the 2016-2017 program year, Transportation Council staff worked with local agencies and property owners to implement recommendations from the Upper Route 9G Corridor Management Plan (CMP), such as shoulder improvements along CR 103 (Annandale Rd.) in the Town of Red Hook (shown).*

- Completed the Arlington Town Center Pedestrian Plan, which identifies ways to improve pedestrian access to the Arlington Town Center and enhance the pedestrian experience in the Town Center. The Pedestrian Plan establishes a vision for creating a walkable, pedestrian-friendly Main Street. It includes an inventory of sidewalks and other infrastructure and a series of prioritized recommendations, and was completed in coordination with a local Task Force.



*The Arlington Pedestrian Plan relied on the enthusiastic participation of Task Force volunteers from the Arlington Business Improvement District and Town of Poughkeepsie.*

- Completed an analysis of speeding patterns on county and local roads, based on data collected from the annual traffic count program. This analysis identified road segments with high percentages of 'high-end' speeders: defined by staff as those travelling more than 10 mph over the posted speed limit. By highlighting road segments with high-end speeding, the Transportation Council seeks to

assist elected officials, law enforcement agencies, and highway departments with their efforts to target speed enforcement, implement traffic calming measures, and allocate resources to reduce speeding and improve traffic safety.

- In coordination with the Dutchess County Department of Public Works, initiated a county-wide pavement scoring program for all local roads (i.e. county, city, town, and village roads) within Dutchess County. This initiative provides municipalities with an objective and uniform Pavement Condition Index (PCI) rating for all paved roads, which enables them to track road conditions over time, prioritize limited maintenance funds, and develop capital planning programs to maintain and improve local road conditions.
- Continued to lead the County's inter-departmental Complete Streets Committee, which developed a Complete Streets Policy that was adopted by the County Legislature in October 2016. The new policy applies to transportation-related elements of projects involving County property (including roads, parks, and buildings), as well as public and private projects over which the County Department of Public Works has permitting authority. The Committee also developed a checklist to help implement the new policy.
- Continued to implement *Walk Bike Dutchess*, the Pedestrian and Bicycle Plan for Dutchess County, promoting ways to make walking and bicycling safer, more convenient forms of transportation and recreation.

## 2017-2018 Unified Planning Work Program (UPWP)

- Completed the Transportation Council's annual pavement condition monitoring program for local federal-aid eligible roads and annual traffic count program. The traffic count program collected vehicle volume, classification, and speed data at approximately 250 locations across the county.



*The 2016 Traffic Count Program included the trial use of bicycle counters on the William R. Steinhaus Dutchess Rail Trail.*

### 6. 2017-2018 UPWP Overview

The 2017-2018 Unified Planning Work Program (UPWP) identifies the federally funded planning activities to be carried out by the Transportation Council for the period between April 1, 2017 and March 31, 2018 (the State Fiscal Year). The UPWP serves as the Transportation 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 Transportation Council has identified the following planning objectives for the 2017-2018 program year:

- Implement recommendations from the Metropolitan Transportation Plan, *Moving Dutchess 2*.
- Maintain and update the FFY 2017-2021 Transportation Improvement Program (TIP) as needed and update the Transportation Council's online TIP Viewer application.
- In conjunction with OCTC and UCTC, initiate a Regional Transit Study for the TMA, while providing staff support for organizing TMA meetings. Also support and participate in the 2017 Federal Certification review of the TMA.
- Initiate a Downtown Parking Improvement Plan for the City of Poughkeepsie to help ensure that the City's parking system is being operated and managed in an efficient and effective manner, consistent with the City's redevelopment goals for the downtown. The Parking Improvement Plan will include an evaluation of on-street and off-street parking capacity and utilization, and outline a prioritized implementation strategy to improve parking operations.
- Complete a Sidewalk Inventory and Improvement Plan for the Village of Millerton, modelled after similar studies in Rhinebeck, Hyde Park, Pine Plains, and Arlington.
- In conjunction with the County's Complete Streets Committee, coordinate and produce a public safety campaign to increase awareness of walking and bicycling safety issues in Dutchess County.

- Continue the second phase of the local pavement monitoring program to assess the condition of non federal-aid eligible local roads in Dutchess County. This program will again use the Cornell Asset Management Program (CAMP) to assist DCDPW staff with assessing pavement conditions for local municipalities.
- Conduct a Safety Assessment of one or more high-crash roads/intersections as identified in *Moving Dutchess 2* or proposed by Transportation Council members.
- Support local transit providers in improving transit operations throughout the county and assist Dutchess County Public Transit with implementing its Transit Development Plan for Dutchess County.
- Complete the Transportation Council's annual pavement condition monitoring program for local federal-aid eligible roads and the annual traffic count program, collecting volume, vehicle classification, and speed data at approximately 250 locations in the county.

## 7. Funding Overview

The Transportation 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 Transportation Council's UPWP – stem from two primary sources: Federal Highway Administration (FHWA) Planning Program (PL) and Federal Transit Administration (FTA) Section 5303 Metropolitan Planning Program (MPP).

Federal planning funds are authorized through each federal

surface transportation authorization, the most recent being the Fixing America's Surface Transportation (FAST) Act, and 23 U.S.C. 134 and 49 U.S.C. 5303. For the SFY 2017-2018 program year, the FAST Act's federal allocations for New York State are estimated to total over \$32.7 million.

Federal planning funds, like most other federal transportation programs, are administered through NYSDOT on a reimbursement basis. The Transportation 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. Transportation 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 2017-2018, this set-aside totals \$250,000 state-wide.
2. Each MPO is then provided an equal base allocation of PL funds to ensure an adequate funding level regardless of



size. For SFY 2017-2018, this totals \$200,000 for each MPO.

3. NYSDOT then distributes 20 percent of PL funds proportionally to MPOs in TMAs, based on their total population and lane miles. For the PDCTC, this equals \$50,208 for SFY 2017-2018.
4. The fourth step distributes the remaining funds to all the MPOs, again proportionally by total population and lane miles. For the PDCTC, this totals \$292,327 in SFY 2017-2018.

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 Transportation Council's 2017-2018 UPWP FHWA PL funding estimate for SFY 2017-2018 totals \$534,378.

#### 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 Transportation Council's UPWP FTA MPP funding estimate for SFY 2017-2018 is \$123,200.

#### State & Local Match

As required by most federal transportation programs, a non-

federal match of 20 percent is required for the federal planning funds outlined in the UPWP. NYSDOT provides a 15 percent match, while Dutchess County provides a five percent 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 Transportation Council has \$453,514 in FHWA (PL) funding available from previous program budgets (i.e. savings backlog). This amount does not include any savings from the 2016-2017 program year. The unexpended funds are available for programming as needed. The Transportation Council will program \$250,000 of these funds for the 2017-2018 program year; these funds will support projects that require additional staff support from the Dutchess County Planning Department, other County Departments, as well as consultant services (e.g. the Downtown Poughkeepsie Parking Improvement Plan). The total remaining unexpended balance of \$203,514 will be reserved for future projects as appropriate and work needed to implement planning requirements in the previous transportation law – *Moving Ahead for Progress in the 21<sup>st</sup> Century* (MAP-21) – and the newly passed FAST Act. The Transportation Council expects the total savings backlog to be spent down within the next two years, likely by the end of SFY 2019-2020.



## **2017-2018 Unified Planning Work Program (UPWP)**

The Transportation Council does not anticipate any carryover funds from FTA Grant NY-80-X026 and expects all FTA funding allocations to be expended in the 2017-2018 program year.

### **Total Funding**

Based on its annual allocation of federal funds and the use of carryover funds, the Transportation Council has programmed \$907,578 in federal funds for SFY 2017-2018: \$784,378 in FHWA (PL) and \$123,200 in FTA (MPP) funds. Table 1 shows the overall funding amounts programmed in the 2017-2018 UPWP.

## **8. National & Statewide Organizations**

The Transportation Council participates in a number of planning organizations that benefit the local metropolitan planning process. These organizations allow Transportation 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 for MPOs, and provides technical services and advocacy. AMPO provides a discounted dues structure with a single payment for statewide MPO associations (e.g. the New York State Association of MPOs). For 2017-2018, the dues total \$41,292 for the NYSMPOs combined, which will be processed by the Binghamton Metropolitan Transportation Study (BMTS). The

Transportation Council will support the AMPO through a \$948 allocation of FHWA (PL) funds, deducted by NYSDOT from the Transportation Council's 2017-2018 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.

1. **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 2017-2018, with \$150,000 coming from the NYSDOT 2017-2018 PL set-aside and \$100,000 coming from NYSDOT Statewide Planning and Research (SPR) funds. The Transportation Council will support NYSAMPO through \$948 in FHWA (PL) funds.
2. **NYSAMPO Staff Training:** Transportation 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 2017-2018, the Transportation Council will participate in the following working groups: safety, bicycle/pedestrian, climate change, GIS, traffic management, travel modeling, and

**Table 1. Available PDCTC UPWP Funds for State Fiscal Year (SFY) 2017-2018**

	Federal	Match		Total
		Dutchess County (5%)	NYS DOT (15%) <sup>3</sup>	
<b>FHWA (PL) Funds</b>				
2017-2018 Allocation <sup>1</sup>	\$534,378	\$33,399	\$100,196	\$667,973
Previous Savings <sup>2</sup>	\$453,514	\$28,345	\$85,034	\$566,893
Total Available	\$987,892	\$61,743	\$185,230	\$1,234,865
<b>2017-2018 Program Budget</b>	<b>\$784,378</b>	<b>\$49,024</b>	<b>\$147,071</b>	<b>\$980,473</b>
Unprogrammed Balance	\$203,514	\$12,719	\$38,159	\$254,392
<b>FTA (MPP) Funds</b>				
2017-2018 Allocation <sup>1</sup>	\$123,200	\$7,700	\$23,100	\$154,000
<b>2017-2018 Program Budget</b>	<b>\$123,200</b>	<b>\$7,700</b>	<b>\$23,100</b>	<b>\$154,000</b>
<b>Total Funds</b>				
<b>2017-2018 Program Budget</b>	<b>\$907,578</b>	<b>\$56,724</b>	<b>\$170,171</b>	<b>\$1,134,473</b>

<sup>1</sup> Estimate of allocated FHWA (PL) and FTA (MPP) funds for SFY 2017-2018 (as of November 8, 2016).

<sup>2</sup> Unprogrammed balance (PL funds only) from previous years (as of November 17, 2016). This balance may change upon reconciling the PDCTC's SFY 2016-2017 UPWP budget.

<sup>3</sup> NYSDOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.

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 services.

### 3. 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 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

The Transportation Council will participate in statewide and regional planning initiatives that 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 their UPWP for information only. Though there are no PDCTC-specific SPR projects in SFY 2017-2018, NYSDOT is pursuing statewide SPR funded projects that will benefit the Transportation Council in carrying out its metropolitan transportation planning process:

1. Pavement Condition Data Collection (\$10.7 million).
2. Transearch and Related Freight Data Procurement (\$1.5 million).
3. National Household Travel Survey (NHTS) (\$6.5 million).
4. Traffic Count Program Zone 1 (Regions 1, 2, 7, 8 & 9) (\$2.5 million).
5. VMT Base-line Traffic Count Project (\$3.2 million).
6. Roadway Inventory System (RIS) Modifications (\$250,000).
7. Statewide GIS Network Creation (\$3.5 million).
8. Highway Oversize/Overweight Credentialing System (HOOCs) (\$5 million).
9. Program and Project Management Software and Training (\$6.2 million).
10. Global Inc. Trend Data, Analysis, and Forecasts (\$2 million).
11. Roadway Inventory Data and Performance Measure Enhancements (\$400,000).
12. Short Count Traffic Count Program (\$7.7 million).
13. Statewide Planning, Policy & Technical Research Tasks in Support of ATDM (Active Transportation Demand Management) (\$3 million).
14. S4 (Safety Systems Strategic Support) (\$900,000).
15. Bus Safety Inspection System (BusNET) (\$2 million).

## **2017-2018 Unified Planning Work Program (UPWP)**

### **Regional Transportation Planning Studies**

The Transportation 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 Transportation Council will also review any relevant documents produced for other regional projects.

### **10. Consultant & Inter-Departmental Support**

The Transportation Council will use consultant and inter-departmental services to assist with the following tasks during the 2017-2018 program year: Downtown Poughkeepsie Parking Improvement Plan, annual traffic count program, county pavement condition monitoring program, maintenance of the online TIP database/GIS portal, and an update to the county's bicycle parking map application. Maintenance support for the Transportation 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:

1. **Data Development and Analysis**
  - Traffic Count Program: \$74,700 (FHWA)
  - Pavement Condition Monitoring: \$18,500 (FHWA)
  - TIP Database/GIS Portal Maintenance: \$8,500 (FHWA)
  - Bicycle Parking Map Application: \$3,000 (FHWA)
2. **Long-Range Transportation Planning (System)**
  - TransCAD Annual Maintenance: \$2,400 (FHWA)

3. **Long-Range Transportation Planning (Project)**

- Downtown Poughkeepsie Parking Improvement Plan: \$TBD (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. In 2014 the Offices of Planning for FHWA and FTA jointly identified three Planning Emphasis Areas (PEAs) for MPOs:

1. **FAST Act (formerly MAP-21) Implementation:** Transition to performance-based planning and programming that includes using transportation performance measures, setting targets, reporting performance, and programming system performance outcomes.
2. **Models of Regional Planning Cooperation:** Ensure a regional approach to transportation planning by promoting cooperation and coordination across agencies and MPO boundaries, supporting ways to improve project delivery, congestion management, safety, freight, livability, and commerce.
3. **Ladders of Opportunity:** As part of the transportation planning process, identify gaps in access to essential

**2017-2018 Unified Planning Work Program (UPWP)**


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services, to 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 Transportation Council will therefore pursue a variety of tasks that advance federal goals on implementing the former MAP-21 Act and current FAST Act, promoting regional cooperation, and improving access to essential services. The UPWP highlights these PEA-relevant tasks where applicable.

**12. 2017-2018 UPWP Tasks**

Tasks in the 2017-2018 UPWP are organized under FTA Activity Line Item headings and then listed individually using “TK” codes. The Transportation Council uses the “TK” 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 (\*).

**2017-2018 UPWP Task Codes**
**Program Support and Administration (44.21.00)**

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

**Data Development and Analysis (44.22.00)**

- TK 21 Demographic Data Analysis and Forecasting
- TK 22 Traffic Count Program\*
- TK 23 Major Projects Tracking
- TK 24 Household Travel Survey Data
- TK 25 Geographic Information Systems (GIS)/Database  
Management
- TK 26 Pavement Condition Monitoring Program
- TK 27 Performance Monitoring\*
- TK 28 County-wide Vehicle Speed Analysis

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

- TK 31 Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*) Implementation
- TK 32 Travel Demand Model/Transportation Data Analysis  
and Forecasting
- TK 33 Air Quality and Energy Planning
- TK 34 Congestion Management Plan (CMP)\*
- TK 35 Travel Demand Management (TDM) Activities\*
- TK 36 Intelligent Transportation System (ITS) Support
- TK 37 State and Regional Transportation Study Liaison\*
- TK 38 Regional Freight Planning\*

**Long-Range Transportation Planning (Project Level) (44.23.02)**

- TK 41 Community Transportation Planning Assistance\*
- TK 42 Local Sidewalk Planning Initiative\*
- TK 43 City of Poughkeepsie Transportation Planning  
Activities\*
- TK 44 Pedestrian-Bicycle Plan Implementation\*
- TK 45 Complete Streets Implementation\*
- TK 46 Regional Sustainability Planning\*



**2017-2018 Unified Planning Work Program (UPWP)**

TK 47 Corridor Management Planning

TK 48 Transportation Safety and Security Planning

**Short-Range Transportation Planning (44.24.00)**

TK 51 Transportation Impact Reviews/Sustainable Development Practices

TK 52 Inter-Departmental Project Coordination

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

TK 61 Transportation Improvement Program (TIP)\*

**Transit Planning Emphasis Areas (44.26.00)**

TK 71 Coordination of Non-Emergency Human Service Transportation\*

TK 72 Participation of Transit Operators in Metropolitan and Statewide Planning\*

TK 73 Transit System Management and Operations\*

TK 74 Regional Transit Planning\*

**Other Activities (44.27.00)**

TK 81 NYSAMPO Activities\*

**Program Support and Administration**

The Program Support and Administration task covers activities necessary to carry out the day-to-day activities of the Transportation Council and support the local metropolitan transportation planning process. These include typical administrative tasks related to preparing for meetings, developing future planning programs, engaging the public, and participating in professional development courses.

**TK 11 – Council Support and Administration**

**Description:** Manage the activities of the Transportation Council in order to comply with federal, State, and county administrative requirements and guidance. Support the operations of the Transportation Council and its Planning Committee, including day-to-day operations with its host agency: Dutchess County Department of Planning and Development. Communicate with federal and State agencies.

**Products:**

- Transportation Council and Planning Committee meetings (April 2017-March 2018).
- Meeting agendas, summaries, and briefing packages (April 2017-March 2017).

**Responsible Agencies:** PDCTC and Dutchess County Planning Department

**Budget Estimate:** FHWA \$64,700, FTA \$2,500, State \$12,600, Local \$4,200.

**TK 12 – Unified Planning Work Program (UPWP)**

**Description:** Issue the Final UPWP for SFY 2017-2018. 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 2018-2019 UPWP based on federal and State guidance and local planning priorities and solicit transportation planning projects from member agencies and local communities.

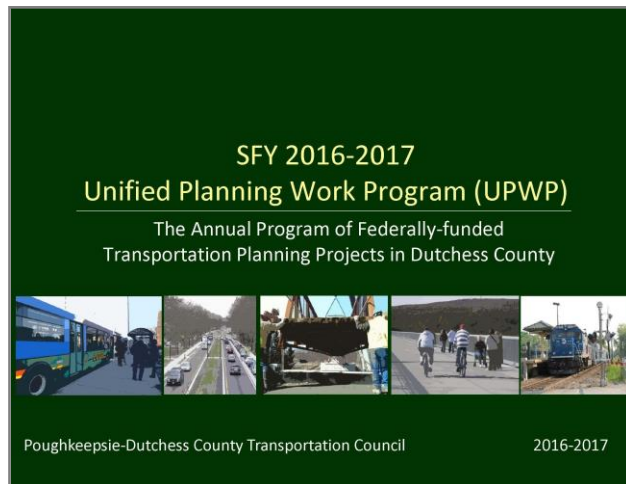
**2017-2018 Unified Planning Work Program (UPWP)**

**Products:**

- Final 2017-2018 UPWP (April 2017).
- Draft 2018-2019 UPWP (November 2017-March 2018).

**Responsible Agency:** PDCTC

**Budget Estimate:** FHWA \$12,900, FTA \$500, State \$2,500, Local \$800.



*The Transportation Council approved the 2016-2017 UPWP on March 24, 2016, programming over \$911,000 in federal funds to carry out the local metropolitan transportation*

**TK 13 – Public Participation Activities**

**Description:** Implement the Transportation 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 and update the Transportation Council’s public information list and website to communicate information and updates on Transportation Council activities. Distribute Transportation

Council reports and information to community organizations and individuals and engage with local media as needed. Produce and distribute digital media on Transportation Council activities.



*The Transportation Council uses a variety of tools to inform and engage the public, including public meetings such as this one in the Village of Tivoli for the Upper Route 9G Corridor Management Plan (CMP).*

**Products:**

- Press releases and public notices (April 2017-March 2018).
- Public meetings (April 2017-March 2018).
- Maintain Transportation Council’s public information contact list (April 2017-March 2018).
- Maintain Transportation Council’s website (April 2017-March 2018).
- Bi-annual Newsletter (April 2017-March 2018).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$18,100, FTA \$700, State \$3,500, Local \$1,200.

**TK 14 – Transportation Management Area (TMA)**  
**Coordination\***

Description: Participate in TMA related planning activities and meetings. Coordinate TMA planning activities within Dutchess, Orange, Passaic, and Ulster counties in conjunction with OCTC, UCTC, NYSDOT, and NJTPA, and in consultation with FHWA and FTA, to include the allocation of 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 transit providers.

TMA-related work on the Congestion Management Plan, regional freight planning, and regional transit planning are listed under separate tasks (TK 34, TK 38, and TK 74 respectively). This task supports the PEA related to regional planning cooperation and implantation of the rulemaking on MPO Coordination and Planning Area Reform.

Products:

- TMA meetings and conference calls (April 2017-March 2018).
- TMA meeting agendas and summaries (April 2017-March 2018).
- Transportation Council Resolutions to allocate FTA

funding (annually).

Responsible Agencies: PDCTC, OCTC, and UCTC

Budget Estimate: FHWA \$18,100, FTA \$700, State \$1,500, Local \$500.

**TK 15 – Federal, State, and Local Reporting**

Description: Fulfill all federal, State, and local reporting requirements necessary to support Transportation Council operations, including preparation of quarterly NYSDOT payment requests, semi-annual Disadvantaged Business Enterprise (DBE) reports, semi-annual UPWP Progress Reports, and Dutchess County government audits. Issue an Annual Listing of Obligated Projects for FFY 2017, ensuring that the public has an accurate understanding of how and where federal funds are being spent on transportation projects in the county.

Products:

- NYSDOT payment requests (April, July, and November 2017; January 2018).
- Semi-annual DBE reports (April and November 2017).
- Dutchess County Single Audit (July-September 2017).
- Annual Listing of Obligated Projects (December 2017).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$7,800, FTA \$300, State \$1,500, Local \$500.

**2017-2018 Unified Planning Work Program (UPWP)**

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**TK 16 – Professional Development**

Description: Attend professional development activities, including relevant training sessions, meetings, and conferences to build staff capacity and help incorporate best practices into the Transportation Council's program. This includes both in-person and web-based training sessions. Staff will provide summary reports of training material as needed.

Products: Training sessions and conferences (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$7,800, FTA \$300, State \$1,500, Local \$500.

**Data Development and Analysis**

The Data Development and Analysis planning category supports the gathering and analysis of relevant data to help identify issues for further study, define requirements for future plans and designs, and develop transportation programming priorities. This task includes analyzing existing population, employment, and housing data, primarily from other public agencies such as the U.S. Census Bureau and Bureau of Labor Statistics. In addition, this category covers works on gathering and analyzing transportation specific data on the condition and use of the local transportation system (e.g. traffic count data, pavement monitoring). These tasks support various short- and long-range transportation planning activities.

**TK 21 – Demographic Data Analysis and Forecasting**

Description: Analyze population and socio-economic data from the 2011-2015 American Community Survey (ACS), 2006-2010 Census Transportation Planning Products (CTPP), and other Census products to better inform the local metropolitan transportation planning process. Back-check previous forecasts with new demographic data to reassess long-range planning work on the travel demand model and implementation of the Metropolitan Transportation Plan (MTP) – *Moving Dutchess 2*.

Products:

- 2010 Census, ACS, and CTPP data analysis (April 2017-March 2018).
- Revised demographic forecasts (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$2,600, FTA \$3,900, State \$1,200, Local \$400.

**TK 22 – Traffic Count Program\***

Description: Implement and manage the Transportation Council's annual traffic count program. The Transportation Council will contract with a consultant to collect traffic count data (volumes, vehicle classifications, and speeds) at approximately 250 locations in 2017. Collected data will be consistent with NYSDOT requirements and be used to support system-wide and local transportation planning activities, to

**2017-2018 Unified Planning Work Program (UPWP)**


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include travel demand modeling, congestion management planning, safety assessments, and speed analyses. Continue to provide traffic count data and reports through the Transportation Council's online data portal. The Transportation Council will explore the use of counters on major bicycle/trail facilities. This task supports the PEA related to performance-based planning.

**Products:**

- 2017 traffic data collection program (April-November 2017).
- Online traffic count database maintenance (April 2017-March 2018).

**Responsible Agencies:** PDCTC, NYSDOT, and traffic count consultant.

**Budget Estimate:** FHWA \$60,800, FTA \$0, State \$11,400, Local \$3,800.

**TK 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. The Transportation Council defines major projects as new or programmed development projects with at least 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:** 2016 Major Projects Report (April-June 2017).

**Responsible Agencies:** PDCTC and Dutchess County Planning Department.

**Budget Estimate:** FHWA \$11,600, FTA \$200, State \$2,200, Local \$700.

**TK 24 – Household Travel Survey Data**

**Description:** As needed, assist NYSDOT with the administration, planning, and collection of National Household Travel Survey (NHTS) add-on data for the Poughkeepsie metropolitan area. If available, begin to analyze local NHTS travel survey data.

**Products:** Support NYSDOT data collection for the 2015 NHTS (April 2017-March 2018).

**Responsible Agencies:** PDCTC and NYSDOT.

**Budget Estimate:** FHWA \$1,300, FTA \$200, State \$300, Local \$100.

**TK 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.





federal-aid roads. Work will be completed by DCDPW staff and summer interns if available.

Products:

- Pavement condition data collection (May-August 2017).
- Pavement condition data evaluation and reporting (September-December 2017).

Responsible Agencies: PDCTC and DCDPW.

Budget Estimate: FHWA \$19,400, FTA \$0, State \$3,600, Local \$1,200.

**TK 27 – 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 2*. The Transportation Council will use the data to measure progress towards meeting short- and long-range goals for specific issues such as highway and bridge conditions, transportation safety, walking and bicycling infrastructure, transit use, traffic congestion, project delivery, and natural resource protection. The Council will also meet MAP-21/FAST Act rulemakings on various performance measures (e.g. safety, pavement and bridge performance). The Council will also start work on a status report/update of MTP performance measures. This task directly supports the PEA related to performance-based planning.

Products:

- Gather transportation data related to performance measures (April-December 2017).
- Begin work on a status report of MTP established performance measures (January-March 2018).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$3,900, FTA \$200, State \$800, Local \$300.

**TK 28 – County-wide Vehicle Speed Study\***

Description: Analyze speed patterns on county and local roads, using speed data from the Transportation Council's Traffic Count Program (TK 22). This task will identify road corridors with high percentages of 'high-end' speeders, where 85<sup>th</sup> percentile speeds are more than 10 mph over the posted speed limit. By highlighting road segments with high-end speeding, the Council hopes to assist elected officials and law enforcement agencies with efforts to target speed enforcement and implement traffic calming measures to reduce speeding in the county.

Products:

- Analyze vehicle speed data from the traffic count program (April-December 2017).
- Issue a summary report of findings from the speed study (January-March 2017).

Responsible Agency: PDCTC

## **2017-2018 Unified Planning Work Program (UPWP)**

Budget Estimate: FHWA \$19,400, FTA \$0, State \$3,600, Local \$1,200.

### **Long-Range Transportation Planning (System Level)**

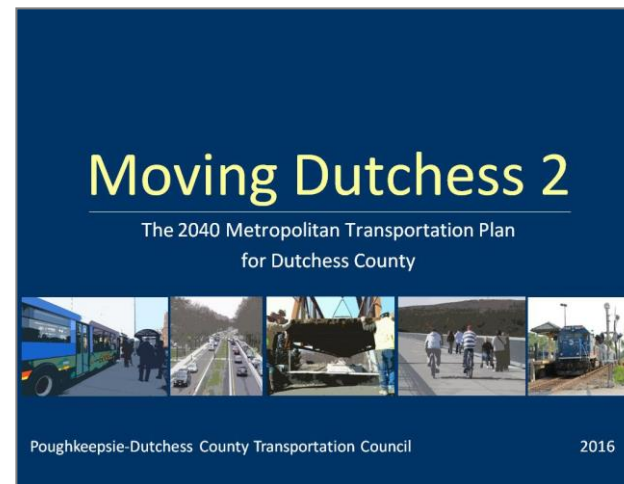
The Transportation Council relies on system-level, long-range transportation planning to form the basis of its community transportation planning activities and the programming of federal transportation funding. By first viewing and understanding the transportation system at the state, regional, and county level, the Transportation Council can better identify major transportation challenges that may face the metropolitan area in the future and, more importantly, opportunities it might pursue to improve safety, access, and mobility. System-level planning can also focus on mode-specific issues (e.g. freight, transit).

#### **TK 31 – Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*) Implementation**

Description: The Transportation Council's long-range Metropolitan Transportation Plan (MTP), *Moving Dutchess 2*, supports its mission to provide the funding resources and planning tools necessary to build and maintain a transportation system that promotes the safe and efficient movement of people and goods in a sustainable manner. Using a 2040 planning horizon year, the MTP identifies strategies to preserve the existing transportation system and meet future travel demands. Much of the information presented in the MTP stems from the demographic and transportation data analyses conducted as part of the

previous Data and Development tasks (tasks TK 21-TK 28).

The Transportation Council will support member agencies as they progress the many policies and projects that are recommended in the new MTP. This includes those tasks that are not specifically identified in this UPWP, but require staff resources to carry-out. This task also includes any work related to revising MTP recommendations to ensure that they are still valid and reflect local priorities, new planning assumptions, and funding changes; if warranted, these changes may require an amendment to the MTP.



*The Transportation Council approved Moving Dutchess 2 in March 2016, making it the Council's sixth long-range transportation plan and continuing a 30-year tradition of transportation planning in Dutchess County.*

#### **Products:**

- MTP (*Moving Dutchess 2*) implementation activities (April 2017-March 2018).
- Amendments to the Final MTP (April 2017—March 2018).

**2017-2018 Unified Planning Work Program (UPWP)**


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Responsible Agencies: PDCTC and member agencies.

Budget Estimate: FHWA \$16,500, FTA \$4,000, State \$3,800, Local \$1,300.

**TK 32 – Travel Demand Model/Transportation Data Analysis and Forecasting**

Description: The Transportation Council will use the Travel Demand Model to support the TMA's Congestion Management Plan and community planning activities as warranted. The Transportation Council will gather and integrate data from the annual traffic count program, NYSDOT Highway Data Services Bureau, and Major Projects Report into the model as appropriate. This task includes annual maintenance support for the TransCAD software package.

The Transportation Council will also work with the NYSAMPO Modeling Working Group, NYSDOT, the University Transportation Research Center (UTRC), and the University at Albany's AVAIL Team to analyze travel time data from the National Performance Management Research Data Set (NPMRDS).

Products:

- Transportation forecasts (April 2017-March 2018).
- TransCAD maintenance (April 2017-March 2018).
- NPMRDS analysis (April 2017-March 2018).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$5,500, FTA \$100, State \$1,100, Local \$400.

**TK 33 – Air Quality and Energy Planning**

Description: Monitor EPA implementation of the new 2015 Ozone standard and re-designation of non-attainment areas. Participate on statewide Interagency Consultation Group (ICG) conference calls and meetings as needed. Monitor regional air quality conformity actions and use the EPA's latest Motor Vehicle Emission Simulator (MOVES2014a) program to perform greenhouse gas reduction analyses as needed. Support other energy planning efforts, such as implementation of the NYS Climate Action Plan.

Products:

- ICG conference calls (April 2017-March 2018).
- MOVES2014a data reports (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA \$2,700, FTA \$100, State \$500, Local \$200.

**TK 34 – Congestion Management Plan (CMP)\***

Description: In conjunction with the OCTC and UCTC, implement the joint Mid-Hudson Valley Congestion Management Plan (CMP), which establishes methods to develop regional goals to reduce vehicle miles traveled during peak commuting hours and improve transportation

**2017-2018 Unified Planning Work Program (UPWP)**


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connections between areas with high job concentration and areas with high concentrations of low-income households. The Transportation Council will use the Travel Demand Model (TDM) to help with the CMP analysis for Dutchess County.

The Transportation Council will also work with the NYSAMPO Modeling Working Group, NYSDOT, the University Transportation Research Center (UTRC), and the University at Albany's AVAIL Team to analyze travel time data from the National Performance Management Research Data Set (NPMRDS). This task supports the PEA related to performance-based planning.

Products:

- New TDM CMP analysis (April 2017-March 2018).
- CMP Update (January-March 2018).

Responsible Agencies: PDCTC, OCTC, and UCTC.

Budget Estimate: FHWA \$13,700, FTA \$200, State \$2,600, Local \$900.

**TK 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 2017-March 2018).

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA \$2,700, FTA \$100, State \$500, Local \$200.

**TK 36 – Intelligent Transportation System (ITS) Support**

Description: Support the expansion and management of State, regional, and local ITS infrastructure and systems, including implementation of NYSDOT-Region 8's ITS architecture as it relates to Dutchess County. This includes assisting in the deployment of ITS technology on the Dutchess County and City of Poughkeepsie bus systems.

Products:

- NYSDOT-Region 8 ITS architecture implementation (April 2017-March 2018).

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

Budget Estimate: FHWA \$2,700, FTA \$100, State \$500, Local \$200.

**TK 37 – State and Regional Transportation Study Liaison\***

Description: 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, such as traffic count data collection on State highways, statewide infrastructure inventories related to performance monitoring, deployment of new project delivery software, and assessments of new transportation technologies.

The Transportation Council will also participate in member agency studies that affect Dutchess County or support the work of the Transportation Council. In particular, these include NYSDOT's statewide freight plan, Metro-North Railroad's West of Hudson Regional Transit Access Study, and the joint NYSDOT/Federal Railroad Administration (FRA) Tier 1 Service Level Environmental Impact Statement (EIS) for high speed rail service on the Empire Corridor. All of these activities support the PEA related to promoting regional planning.

**Products:**

- NYSDOT Statewide Freight Plan (April 2017-March 2018).
- State and regional transportation studies (as needed).
- NYS High Speed Rail Tier 1 EIS (as needed).
- West of Hudson Regional Transit Access Study (as needed).

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

**Budget Estimate:** FHWA \$5,500, FTA \$100, State \$1,000, Local \$400.

**TK 38 – Regional Freight Planning\***

**Description:** In recognition of the importance that freight transportation has been given in recent federal laws such as MAP-21 and the FAST Act, 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, completion of which will trigger the start of the regional transit plan. This task supports the PEA related to promoting regional planning.

**Products:**

- MAP-21/FAST Act freight planning implementation (as needed).
- TMA Regional Freight Plan Scope of Work (January-March 2018).

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

**Budget Estimate:** FHWA \$5,500, FTA \$0, State \$1,000, Local \$300.

### **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 identified in *Moving Dutchess* 2. Projects in this section include those initiated by the Transportation Council and member agencies.

#### **TK 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 less auto-dependent communities, transforming strip commercial areas into mixed-use centers, and reducing traffic congestion. This task also focuses 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 2017-March 2018).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA \$24,700, FTA \$700, State \$4,800, Local \$1,600.

#### **TK 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 design alternatives for locations with heavy pedestrian activity. Since 2011, the Transportation Council has completed four such plans for the Village of Rhinebeck, and town centers in Hyde Park, Pine Plains, and Poughkeepsie (Arlington). This task includes the development of a pedestrian plan for the Village of Millerton in 2017 and possibly the Village of Pawling, as well as pedestrian planning in the City of Beacon (Beekman St. near the Beacon Train Station).

#### Products:

- Develop a Pedestrian Plan for the Village of Millerton (April 2017-March 2018).
- Begin work on a possible Pedestrian Plan for the Village of Pawling (October 2017-March 2018).
- Pedestrian planning for the City of Beacon (April 2017-March 2018).

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

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**Budget Estimate:** FHWA \$88,200, FTA \$100, State \$16,600, Local \$5,500.



*The Transportation Council's Local Sidewalk Planning Initiative typically begins with an inventory of existing pedestrian infrastructure. Such inventories rely on GPS technology to capture data on sidewalk conditions and issues, which can then be used to create maps and other graphics that help inform recommendations.*

### **TK 43 – City of Poughkeepsie Transportation Planning Activities\***

**Description:** Support the City of Poughkeepsie with various transportation planning activities to include implementation of the Poughkeepsie Waterfront Redevelopment Strategy and the completion of the City's Center Connectivity Project, which is examining alternatives for transforming Market St. into a Complete Street, designed for all users, including pedestrians, bicyclists, motorists and transit riders, of all ages

and abilities.

The Transportation Council will continue to work with the City, Dutchess County Planning Department, and Metro-North Railroad to create a waterfront Transit Oriented Development (TOD) in and around the Poughkeepsie Railroad Station. This includes updating City's Local Waterfront Revitalization Program (LWRP) and preparing a Generic Environmental Impact Statement (GEIS) for key properties in the area, consistent with the Waterfront Redevelopment Strategy.

The Transportation Council will also initiate a consultant-supported study of the City's downtown parking system. This Parking Improvement Plan will seek to ensure that the City's parking system is being operated and managed in an efficient and effective manner, consistent with the City's redevelopment goals for the downtown. The Parking Improvement Plan will include an evaluation of on-street and off-street parking capacity and utilization, and outline a prioritized implementation strategy to improve parking operations. This task supports the PEA related to improving access to essential services.

**Products:** City of Poughkeepsie Transportation Planning Activities (April 2017-March 2018).

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

**Budget Estimate:** FHWA \$134,100, FTA \$1,100, State \$25,400, Local \$8,500, Private \$210,000.



The Transportation Council will continue to work with the City of Poughkeepsie to complete the City Center Connectivity Project, which is focused on improving mobility and safety in and around the Market Street corridor (shown).

#### **TK 44 – Pedestrian-Bicycle Plan Implementation\***

Description: Implement recommendations from *Moving Dutchess 2* and *Walk Bike Dutchess* - the Transportation Council's 2014 Pedestrian and Bicycle Plan - addressing the needs of pedestrians and bicyclists and integrating walking and bicycling into the transportation system. The Transportation Council will continue to chair the Bicycle-Pedestrian Advisory Committee (BPAC) to implement *Walk Bike Dutchess*, and use its website to provide information on walking and bicycling facilities and resources. This task includes the annual pedestrian and bicycle counts conducted each September using methods from the National Bicycle & Pedestrian Documentation Project. This task also supports the

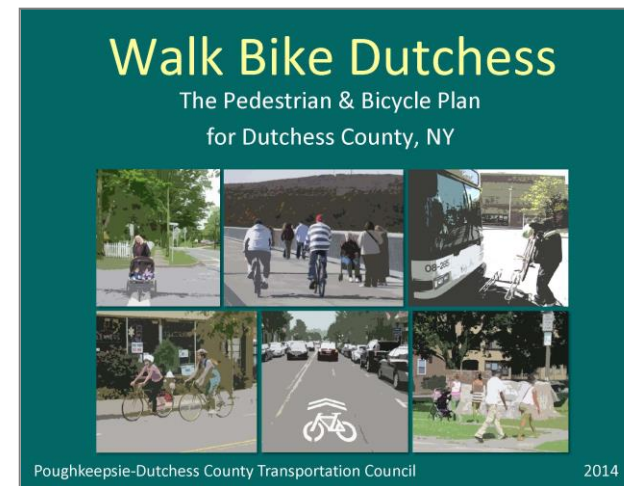
PEA related to improving access to essential services.

#### **Products:**

- Implement walking and bicycling recommendations from *Moving Dutchess 2* and *Walk Bike Dutchess* (April 2017-March 2018).
- Organize and lead quarterly BPAC meetings (April 2017-March 2018).
- Conduct pedestrian and bicycle counts (September 2017).

Responsible Agencies: PDCTC and member agencies.

Budget Estimate: FHWA \$24,700, FTA \$1,200, State \$4,500, Local \$1,600.



The Transportation 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.



**TK 45 – Complete Streets Implementation\***

Description: This task covers assistance to municipalities with the development of local Complete Streets policies and plans. The Transportation Council will also continue to convene an inter-departmental Complete Streets Committee to help implement the County's recently adopted Complete Streets Policy. The Committee will also create a public safety campaign to increase awareness of walking and bicycling safety issues in Dutchess County.

Products:

- Implement County Complete Streets Policy (April 2017-March 2018).
- Walking and bicycling public safety awareness campaign (April 2017-March 2018).
- Inter-Departmental Complete Streets Committee meetings (April 2017-March 2018).

Responsible Agencies: PDCTC, DCDPW, Dutchess County Department of Behavioral & Community Health (DBCH), Dutchess County Traffic Safety Board (DCTSB).

Budget Estimate: FHWA \$24,700, FTA \$1,200, State \$4,900, Local \$1,600.

**TK 46 – 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.

Products: Mid-Hudson Regional Sustainability Plan Implementation (April 2017-March 2018).

Responsible Agencies: PDCTC and other responsible agencies.

Budget Estimate: FHWA \$3,500, FTA \$100, State \$700, Local \$200.

**TK 47 – Corridor Management Planning**

Description: Typically supported by consultant services, this task involves the analysis of a specific area or corridor in order to identify short- and long-range recommendations to improve vehicular and non-vehicular safety and mobility on the local transportation system. A typical 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. CMP work includes outreach to key stakeholders and the public through meetings and workshops, while an Advisory Committee of local stakeholders helps guide the project.



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### Products:

- Corridor Management Plan (as needed).

Responsible Agencies: PDCTC and applicable agencies.

Budget Estimate: FHWA \$17,600, FTA \$100, State \$3,300, Local \$1,100.



*The Transportation Council conducts extensive fieldwork during the course of a Corridor Management Plan (CMP), such as the recent Upper Route 9G CMP in Red Hook/Tivoli (shown).*

### **TK 48 – Transportation Safety and Security Planning (44.26.16)**

Description: The Transportation Council conducts Safety Assessments to identify low cost improvements at high-crash locations identified in *Moving Dutchess 2* or suggested by member agencies. Safety Assessments are based on FHWA Road Safety Audit (RSA) and NYSAMPO Safety Assessment

guidelines. Working with its member agencies, the Transportation Council will also implement safety related recommendations from *Moving Dutchess 2* and the State's *Strategic Highway Safety Plan*. The Transportation Council will continue to participate on the Dutchess County Traffic Safety Board (DCTSB) to help identify and mitigate local safety issues.

### Products:

- DCTSB meetings (April 2017-March 2018).
- Safety Assessments (April 2017-March 2018).
- Implement safety recommendations in *Moving Dutchess 2* (April 2017-March 2018).

Responsible Agencies: PDCTC, NYSDOT, and DCTSB.

Budget Estimate: FHWA \$35,300, FTA \$100, State \$6,600, Local \$2,200.

### **Short-Range Transportation Planning**

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

**2017-2018 Unified Planning Work Program (UPWP)**


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**TK 51 – Transportation Impact Reviews/Sustainable Development Practices**

**Description:** The Transportation Council, through the Dutchess County Department of Planning and Development, 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 Transportation Council's goals of promoting livability and sustainable development, while minimizing the impacts of development on the transportation system. Recommendations 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 2017-March 2018).

**Responsible Agencies:** PDCTC and Dutchess County Planning Department.

**Budget Estimate:** FHWA \$58,800, FTA \$3,700, State \$11,700, Local \$3,900.

**TK 52 – Inter-Departmental Project Coordination**

**Description:** Working with the Dutchess County Planning Department, encourage better coordination between the Transportation Council, Dutchess County Planning

Department, DCDPW, and DBCH, especially with regard to the design and schedule of future county highway and building projects, and private land use developments. Discuss and incorporate pedestrian, bicycle, and other improvements as appropriate, focusing particularly on projects in designated centers. Identify opportunities for DCDPW coordination with local street projects, including CDBG-funded projects, federally-funded projects, locally-funded projects, and private development projects. Facilitate coordination between DCDPW and municipalities through the assistance of Planning Department lead planners.

**Products:**

- PDCTC-Dutchess County Planning Department-DBCH-DCDPW Coordination meetings (quarterly).

**Responsible Agencies:** PDCTC, Dutchess County Planning Department, DCDPW, and DBCH.

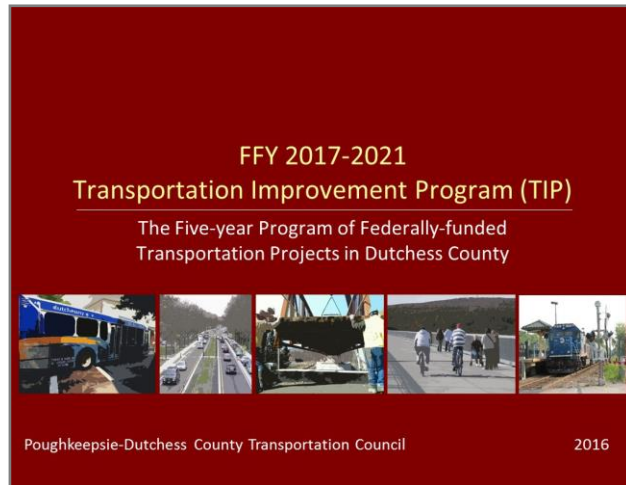
**Budget Estimate:** FHWA \$19,600, FTA \$1,200, State \$3,900, Local \$1,300.

**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 Transportation 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

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Improvement Program (STIP). The current 2017-2021 TIP covers the period from October 1, 2016 through September 30, 2021. The Transportation Council will amend the current and future TIPs to account for funding or project scope and schedule changes.



*The Transportation Council approved the 2017-2021 TIP on June 30, 2016, programming almost \$86 million in federal highway and transit funding for projects in Dutchess County.*

### **TK 61 – Transportation Improvement Program (TIP)\***

**Description:** Maintain and update the current FFY 2017-2021 Transportation Improvement Program (TIP) through amendments and administrative modifications that meet FAST Act requirements, maintain fiscal constraint, and support changing sponsor priorities and project scopes. Update the Transportation Council's online TIP Viewer application to reflect changes in projects. Review project applications submitted in response to project solicitations for the Highway Safety Improvement Program (HSIP), Surface Transportation Block Grant Program (STBGP), STBGP set-aside

for transportation alternatives (e.g. pedestrian/bicycle projects), and other federal funding programs. This task supports the PEA related to performance-based planning.

#### **Products:**

- FFY 2017-2021 TIP Amendments and Administrative Modifications (April-September 2017).
- Update TIP Viewer (April 2017-June 2017).
- Review HSIP, STBGP, and STBGP set-aside project applications (April 2017-March 2018).

**Responsible Agencies:** PDCTC and NYSDOT.

**Budget Estimate:** FHWA \$31,400, FTA \$3,700, State \$6,600, Local \$2,100.

### **Transit Planning Emphasis Areas**

The Transportation 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 Transportation Council will perform the tasks described below to improve transit operations in Dutchess County and the surrounding region.

**TK 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 Transportation Council will seek funding for eligible projects through FTA programs such as Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities). The Transportation Council will continue to implement the current Coordinated Public Transit-Human Services Transportation Plan and ensure available federal funding supports recommendations in the Coordinated Plan. This task supports the PEA related to improving access to essential services.

**Products:**

- Implement the *Coordinated Public Transit-Human Services Transportation Plan* (April 2017-March 2018).
- Coordinate with human service agencies to help meet their clients' mobility needs (April 2017-March 2018).
- Prioritize FTA Section 5310 projects in Dutchess County and the TMA (April-September 2017).

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

**Budget Estimate:** FTA \$4,700, State \$900, Local \$300.



*The Transportation Council works with local transit providers such as Dutchess County Public Transit to improve the delivery of transit services throughout the county.*

**TK 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 Transportation Council and operators to share system, operational, and financial information in support of the MTP, TIP, and the Annual Listing of Obligated Projects. This task includes work on data requests by local Designated Recipients in order to complete Triennial Review requirements. This task supports the PEA related to improving access to essential services.

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Products: Collect system, operational, and financial data from transit providers, as per the 2011 written agreement between the Transportation Council and transit operators (as needed).

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

Budget Estimate: FHWA \$0, FTA \$4,700, State \$900, Local \$300.

**TK 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. 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, benches, and other passenger-related infrastructure at key locations. This includes work through the Dutchess County Transit Amenities Program. This task supports the PEA related to improving access to essential services.

Products: Transit system coordination (April 2017-March 2018).

Responsible Agencies: PDCTC, MTA/Metro-North Railroad,

Dutchess County Public Transit, and City of Poughkeepsie.

Budget Estimate: FHWA \$0, FTA \$4,700, State \$900, Local \$300.

**TK 74 – Regional Transit Planning\***

Description: Support the development of a regional transit plan for the Mid-Hudson Valley TMA. This effort will start with an inventory of existing transit services and an assessment of future transit needs (capital and operational), which will be used to create a transit capital plan for the TMA. The transit plan will also seek ways to improve bus, rail, and ferry connections between adjacent counties, urban centers, transit hubs, and major employment destinations. OCTC will manage this consultant-supported contract with administrative and financial support from the PDCTC and UCTC. The TMA intends to have the contract awarded by the start of the 2017-2018 program year and complete the project by the end of 2018. This task supports the PEA related to promoting regional planning and access to essential services.

Products:

- TMA Regional Transit Plan Interim Reports (April 2017-March 2018).

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

Budget Estimate: FTA \$79,600, State \$14,900, Local \$5,000.



### **Other Activities**

#### **TK 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 regular staff director meetings, the Association has formed several working groups to promote information sharing among staff. Working groups cover specific focus areas including traffic safety, bicycle and pedestrian planning, traffic management and operations, climate change, transit planning, travel demand modeling, and GIS mapping. This task supports the PEA related to promoting regional planning.

#### **Products:**

- NYSAMPO staff director meetings/calls (April 2017-March 2018).
- NYSAMPO working group meetings/calls (April 2017-March 2018).
- SCI project participation (April 2017-March 2018).

Responsible Agencies: PDCTC, NYSDOT, and NYSAMPO.

Budget Estimate: FHWA \$7,800, FTA \$1,200, State \$1,700, Local \$600.

### **13. Public Participation Process (to be updated)**

The Draft 2017-2018 UPWP was discussed by the Transportation Council's Planning Committee at its meetings on November 30, 2016, January 25, 2017, and February 22, 2017. On February 8, 2017, the Transportation 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 Transportation Council's website at [www.dutchessny.gov/pdctc.htm](http://www.dutchessny.gov/pdctc.htm). The notice set a deadline of March 8, 2017 for comments.

### **14. SFY 2017-2018 Program Budgets**

The following tables provide information on the use of federal, State, and County funds in support of Council work activities for SFY 2017-2018: 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 costs for each individual task.

**Table 2. PDCTC 2017-2018 UPWP Task Budget**

UPWP Task	FHWA (PL)				FTA (MPP)				Program Total
	Federal Funding	Dutchess County (5% Match)	NYS DOT (15% Match) <sup>1</sup>	Total	Federal Funding	Dutchess County (5% Match)	NYS DOT (15% Match) <sup>1</sup>	Total	
Program Support and Administration	\$129,423	\$8,089	\$24,267	\$161,779	\$4,928	\$308	\$924	\$6,160	\$167,939
Data Development and Analysis	\$129,422	\$8,089	\$24,267	\$161,778	\$4,928	\$308	\$924	\$6,160	\$167,938
Long-Range Transportation Planning (System Level)	\$54,906	\$3,432	\$10,295	\$68,633	\$4,928	\$308	\$924	\$6,160	\$74,793
Long-Range Transportation Planning (Project Level)	\$352,970	\$22,061	\$66,182	\$441,213	\$4,928	\$308	\$924	\$6,160	\$447,373
Short-Range Transportation Planning	\$78,438	\$4,902	\$14,707	\$98,047	\$4,928	\$308	\$924	\$6,160	\$104,207
Transportation Improvement Program (TIP)	\$31,375	\$1,961	\$5,883	\$39,219	\$3,696	\$231	\$693	\$4,620	\$43,839
Transit Planning	\$0	\$0	\$0	\$0	\$93,632	\$5,852	\$17,556	\$117,040	\$117,040
Other Activities	\$7,844	\$490	\$1,470	\$9,804	\$1,232	\$77	\$231	\$1,540	\$11,344
Toll Credits	n/a	n/a	\$148,423		n/a	n/a	n/a	n/a	n/a
<b>Total</b>	<b>\$784,378</b>	<b>\$49,024</b>	<b>\$147,071</b>	<b>\$980,473</b>	<b>\$123,200</b>	<b>\$7,700</b>	<b>\$23,100</b>	<b>\$154,000</b>	<b>\$1,134,473</b>

<sup>1</sup> NYS DOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.

**2017-2018 Unified Planning Work Program (UPWP)****Table 3. PDCTC 2017-2018 UPWP FHWA (PL) Object Budget**

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match) <sup>1</sup>	Total
Staff Salaries	\$352,168	\$22,010	\$0	\$374,178
Fringe Benefits	\$198,095	\$12,381	\$0	\$210,476
Travel	\$3,838	\$240	\$0	\$4,078
Equipment	\$780	\$49	\$0	\$829
Supplies/Reproduction	\$432	\$27	\$0	\$459
Contractual	\$182,856	\$11,429	\$0	\$194,285
Indirect Charges	\$46,209	\$2,888	\$0	\$49,097
Toll Credits	n/a	n/a	\$147,071	\$147,071
<b>Total</b>	<b>\$784,378</b>	<b>\$49,024</b>	<b>\$147,071</b>	<b>\$980,473</b>

<sup>1</sup> NYSDOT match for FHWA (PL) funds provided through toll credits.**Table 4. PDCTC 2017-2018 UPWP FTA (MPP) Object Budget**

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match) <sup>1</sup>	Total
Staff Salaries	\$71,152	\$4,447	\$13,341	\$88,940
Fringe Benefits	\$40,022	\$2,501	\$7,504	\$50,027
Travel	\$426	\$27	\$80	\$533
Equipment	\$0	\$0	\$0	\$0
Supplies/Reproduction	\$48	\$3	\$9	\$60
Contractual	\$0	\$0	\$0	\$0
Indirect Charges	\$11,552	\$722	\$2,166	\$14,440
<b>Total</b>	<b>\$123,200</b>	<b>\$7,700</b>	<b>\$23,100</b>	<b>\$154,000</b>

<sup>1</sup> NYSDOT match for FTA (MPP) funds provided through in-kind services.

**2017-2018 Unified Planning Work Program (UPWP)****Table 5. PDCTC 2017-2018 UPWP FTA (MPP) Detailed Budget**

	FTA Funding	Dutchess County (5% Match)	NYS DOT (15% Match) <sup>1</sup>	Total
<b>Item</b>				
Staff Salaries	\$71,152	\$4,447	\$13,341	\$88,940
Fringe Benefits	\$40,022	\$2,501	\$7,504	\$50,027
Travel	\$426	\$27	\$80	\$533
Equipment	\$0	\$0	\$0	\$0
Supplies/Reproduction	\$48	\$3	\$9	\$60
Contractual	\$0	\$0	\$0	\$0
Indirect Charges	\$11,552	\$722	\$2,166	\$14,440
<b>Total</b>	<b>\$123,200</b>	<b>\$7,700</b>	<b>\$23,100</b>	<b>\$154,000</b>
<b>Task</b>				
44.21.00 - Program Support, Administration & Liaison	\$4,928	\$308	\$924	\$6,160
44.22.00 - Data Development and Analysis	\$4,928	\$308	\$924	\$6,160
44.23.01 - Long Range Transportation Planning-System Level	\$4,928	\$308	\$924	\$6,160
44.23.02 - Long Range Transportation Planning-Project Level	\$4,928	\$308	\$924	\$6,160
44.24.00 - Short Range Transportation Planning	\$4,928	\$308	\$924	\$6,160
44.25.00 - Transportation Improvement Program	\$3,696	\$231	\$693	\$4,620
44.26.12 - Coordination of Non-Emergency Human Service Transportation	\$3,696	\$231	\$693	\$4,620
44.26.13 - Participation of Transit Operators in Metropolitan Planning	\$3,696	\$231	\$693	\$4,620
44.26.14 - Transit Systems Management and Operations	\$12,320	\$770	\$2,310	\$15,400
44.26.15 - Regional Transit Capital Planning	\$73,920	\$4,620	\$13,860	\$92,400
44.27.00 - Other Activities	\$1,232	\$77	\$231	\$1,540
<b>Total</b>	<b>\$123,200</b>	<b>\$7,700</b>	<b>\$23,100</b>	<b>\$154,000</b>

<sup>1</sup> NYS DOT match for FTA (MPP) funds provided through in-kind services.

**2017-2018 Unified Planning Work Program (UPWP)****Table 6. PDCTC 2017-2018 UPWP Task Cost Estimates**

Task	FHWA (PL)	FTA (MPP)	NYS DOT <sup>1</sup>	Dutchess County	Total
TK 11 - Council Support and Administration	\$64,712	\$2,464	\$12,595	\$4,198	\$83,969
TK 12 - Unified Planning Work Program (UPWP)	\$12,942	\$493	\$2,519	\$840	\$16,794
TK 13 - Public Participation Activities	\$18,119	\$690	\$3,527	\$1,176	\$23,511
TK 14 - Transportation Management Area (TMA) Coordination	\$18,119	\$690	\$3,527	\$1,176	\$23,511
TK 15 - Federal, State, and Local Reporting	\$7,765	\$296	\$1,511	\$504	\$10,076
TK 16 - Professional Development	\$7,765	\$296	\$1,511	\$504	\$10,076
TK 21 - Demographic Data Analysis & Forecasting	\$2,588	\$3,942	\$1,225	\$408	\$8,164
TK 22 - Traffic Count Program	\$60,828	\$0	\$11,405	\$3,802	\$76,035
TK 23 - Major Projects Tracking	\$11,648	\$246	\$2,230	\$743	\$14,868
TK 24 - Household Travel Surveys	\$1,294	\$246	\$289	\$96	\$1,926
TK 25 - Geographic Information Systems (GIS)/Database Management	\$10,354	\$246	\$1,988	\$663	\$13,250
TK 26 - Pavement Condition Monitoring	\$19,413	\$0	\$3,640	\$1,213	\$24,267
TK 27 - Performance Monitoring	\$3,883	\$246	\$774	\$258	\$5,161
TK 28 - County-wide Vehicle Speed Study	\$19,413	\$0	\$3,640	\$1,213	\$24,267
TK 31 - Metropolitan Transportation Plan (MTP) ( <i>Moving Dutchess 2</i> )	\$16,472	\$4,041	\$3,846	\$1,282	\$25,641
TK 32 - Travel Demand Model/Transportation Data Analysis & Forecasting	\$5,491	\$148	\$1,057	\$352	\$7,048
TK 33 - Air Quality and Energy Planning	\$2,745	\$148	\$542	\$181	\$3,616
TK 34 - Congestion Management Plan (CMP)	\$13,727	\$148	\$2,601	\$867	\$17,343
TK 35 - Travel Demand Management (TDM) Activities	\$2,745	\$148	\$542	\$181	\$3,616
TK 36 - Intelligent Transportation System (ITS) Support	\$2,745	\$148	\$542	\$181	\$3,616
TK 37 - State and Regional Transportation Study Liaison	\$5,491	\$148	\$1,057	\$352	\$7,048
TK 38 - Regional Freight Planning	\$5,491	\$0	\$1,029	\$343	\$6,863
TK 41 - Community Transportation Planning Assistance	\$24,708	\$739	\$4,771	\$1,590	\$31,809
TK 42 - Local Sidewalk Planning Initiative	\$88,243	\$148	\$16,573	\$5,524	\$110,488
TK 43 - City of Poughkeepsie Transportation Planning Activities	\$134,129	\$1,133	\$25,362	\$8,454	\$169,078
TK 44 - Pedestrian-Bicycle Plan Implementation	\$24,708	\$1,232	\$4,864	\$1,621	\$32,425
TK 45 - Complete Streets Implementation	\$24,708	\$1,232	\$4,864	\$1,621	\$32,425
TK 46 - Regional Sustainability Planning	\$3,530	\$148	\$690	\$230	\$4,597
TK 47 - Corridor Management Planning	\$17,649	\$148	\$3,337	\$1,112	\$22,245
TK 48 - Transportation Safety and Security Planning	\$35,297	\$148	\$6,646	\$2,215	\$44,306
TK 51 - Transportation Impact Reviews/Sustainable Development Practices	\$58,829	\$3,696	\$11,723	\$3,908	\$78,156



**2017-2018 Unified Planning Work Program (UPWP)****Table 6. PDCTC 2017-2018 UPWP Task Cost Estimates (Cont'd.)**

Task	FHWA (PL)	FTA (MPP)	NYSDOT <sup>1</sup>	Dutchess County	Total
TK 52 - Inter-Departmental Project Coordination	\$19,610	\$1,232	\$3,908	\$1,303	\$26,052
TK 61 - Transportation Improvement Program (TIP)	\$31,375	\$3,696	\$6,576	\$2,192	\$43,839
TK 71 - Coordination of Non-Emergency Human Service Transportation	\$0	\$4,682	\$878	\$293	\$5,852
TK 72 - Participation of Transit Operators in Metropolitan Planning	\$0	\$4,682	\$878	\$293	\$5,852
TK 73 - Transit System Management and Operations	\$0	\$4,682	\$878	\$293	\$5,852
TK 74 - Regional Transit Planning	\$0	\$79,587	\$14,923	\$4,974	\$99,484
TK 81 - NYSAMPO Activities	\$7,844	\$1,232	\$1,702	\$567	\$11,345
<b>Total</b>	<b>\$784,378</b>	<b>\$123,200</b>	<b>\$170,171</b>	<b>\$56,724</b>	<b>\$1,134,473</b>

<sup>1</sup> NYSDOT match for FHWA (PL) funds provided through toll credits, while FTA (MPP) match provided through in-kind services.