SFY 2016-2017
Unified Planning Work Program (UPWP)

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

Poughkeepsie-Dutchess County Transportation Council 2016-2017

The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

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PDCTC
Poughkeepsie-Dutchess County Transportation Council

ADOPTION OF THE POUGHKEEPSIE-DUTCHESS COUNTY TRANSPORTATION COUNCIL (PDCTC) STATE FISCAL YEAR (SFY) 2016-2017 UNIFIED PLANNING WORK PROGRAM (UPWP)

WHEREAS, the Poughkeepsie-Dutchess County Transportation Council (PDCTC) has been designated by the Governor of the State of New York as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the Dutchess County portions of the Poughkeepsie-Newburgh NY-NJ and New York-Newark NY-NJ-CT Urbanized Areas; and,

WHEREAS, the federal surface transportation programs that are the responsibility of the Poughkeepsie-Dutchess County Transportation Council are authorized by the Fixing America's Surface Transportation (FAST) Act (Pub. L. 112-141, December 4, 2015); and,

WHEREAS, Section 1201 of the FAST Act establishes requirements for metropolitan transportation planning in 23 U.S.C. 134, and Section 1104 of the FAST Act provides for the apportionment of Metropolitan Planning funds in 23 U.S.C. 104; and,

WHEREAS, the Draft 2016-2017 UPWP, developed in accordance with federal and State requirements and guidelines, helps consolidate and coordinate the transportation planning activities conducted by member agencies of the Poughkeepsie-Dutchess County Transportation Council, by providing a mutually-agreed upon document which identifies all transportation and transportation-related planning activities to be undertaken in Dutchess County from April 1, 2016 to March 31, 2017, regardless of funding sources; and,

WHEREAS, the Poughkeepsie-Dutchess County Transportation Council held a 30-day public comment period for the Draft 2016-2017 UPWP, starting February 8, 2016 and ending March 8, 2016; now therefore be it

RESOLVED, that the attached Draft 2016-2017 UPWP is hereby approved by the Poughkeepsie-Dutchess County Transportation Council; and,

RESOLVED, that the Poughkeepsie-Dutchess County Transportation Council approves the Federal Highway Administration PL Program 2016-2017 budget and the FTA Section 5303 Program 2016-2017 budget.

CERTIFICATE, the undersigned, duly qualified and acting Secretary of the Poughkeepsie-Dutchess County Transportation Council, certifies that the foregoing is a true and correct copy of a resolution adopted on March 24, 2016.

3/24/16
Date

By
Todd B. Westhuis, P.E., Acting Secretary
Poughkeepsie-Dutchess County
Transportation Council

Table of Contents

Background 1
Council Organization 1
Supporting Documents 2
Transportation Management Area 4
2015-2016 Program Accomplishments 4
2016-2017 UPWP Overview 7
Funding Overview 8
FHWA (PL) Funds 8
FTA (MPP) Funds 9
State & Local Match 9
Carryover Funds 9
Total Funding 9
National & Statewide Organizations 11
Association of Metropolitan Planning Organizations 11
New York State Association of MPOs 11
Statewide & Regional Planning Initiatives 12
Consultant & Inter-Departmental Support 12
Planning Emphasis Areas 13
2016-2017 UPWP Tasks 13
Program Support and Administration 15
Data Development and Analysis 17
Long-Range Transportation Planning (System Level) 21
Long-Range Transportation Planning (Project Level) 24
Short-Range Transportation Planning 29
Transportation Improvement Program (TIP) 30
Transit Planning Emphasis Areas 30
Other Activities 32
Public Participation Process 33
2016-2017 Program Budgets 33

List of Tables

Table 1: Available Funds for 2016-2017 UPWP 10
Table 2: 2016-2017 UPWP Task Budget 34
Table 3: 2016-2017 UPWP FHWA Object Budget 35
Table 4: 2016-2017 UPWP FTA Object Budget 35
Table 5: 2016-2017 UPWP FTA Detailed Budget 36
Table 6: 2016-2017 UPWP Task Budget Estimates 37

List of Figures

Figure 1: Council Membership 3
Figure 2: Mid-Hudson Valley TMA 5
Figure 3: PDCTC Adjusted Urbanized Area 5

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 2014-2018 TIP was adopted by the Transportation 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 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 Planning, Public Works, and Public Transit serve as non-voting advisory members. Figure 1 shows the Transportation Council's voting membership.

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.

Day-to-day Transportation Council activities are performed by staff at the Dutchess County Department of Planning and Development, which assumes primary responsibility for the development of the UPWP, maintenance of 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): 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): 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

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.

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 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 Transportation 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 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 New Jersey Public Transportation Authority (NJPTA) is responsible for transportation planning for northern New Jersey including Passaic County. The TMA classification requires that the MPO's 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. The most recent federal certification occurred in 2014. TMA's are also encouraged to develop a Congestion Management Plan (CMP) to reduce traffic congestion.

5. 2015-2016 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 2016-2016 program year, accomplishing the following tasks:

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

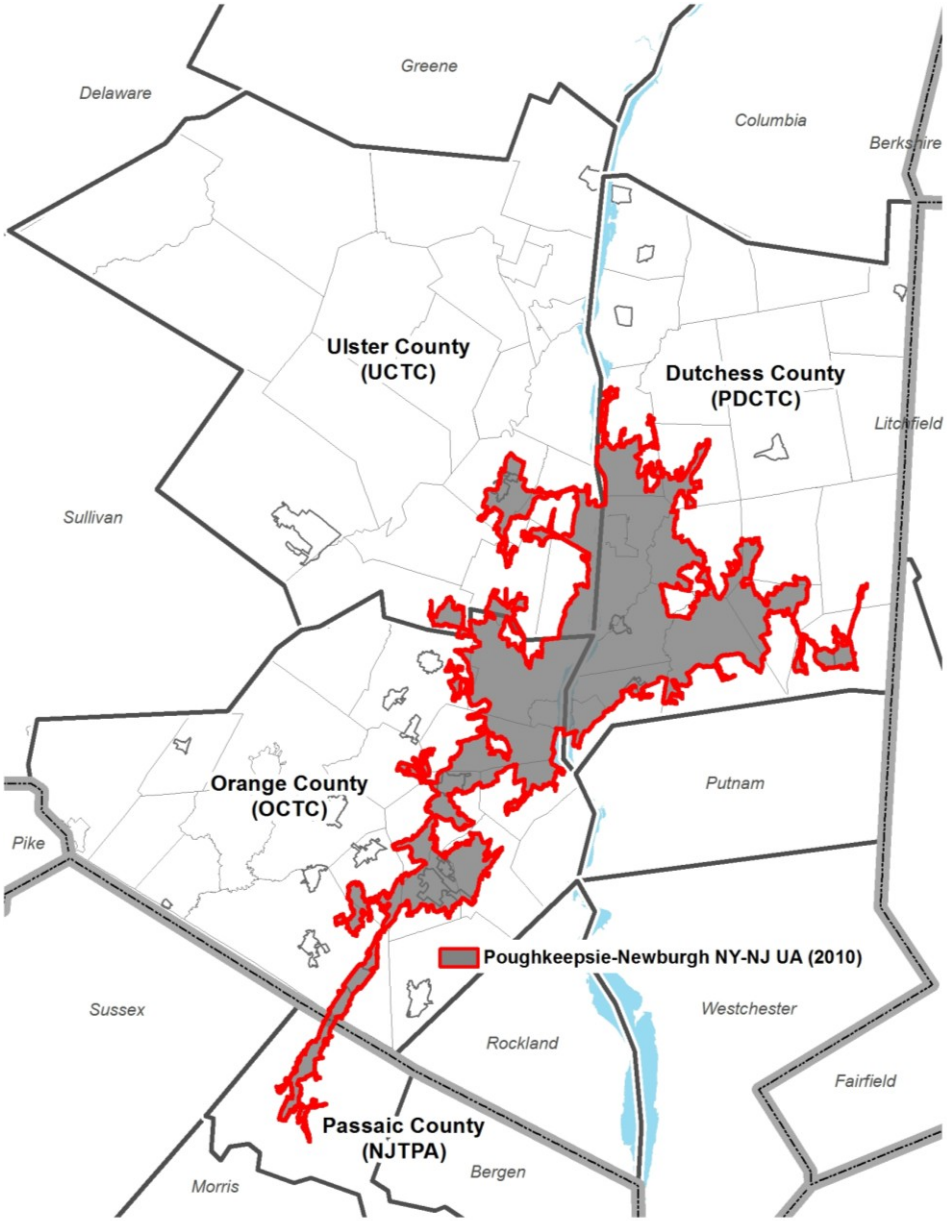
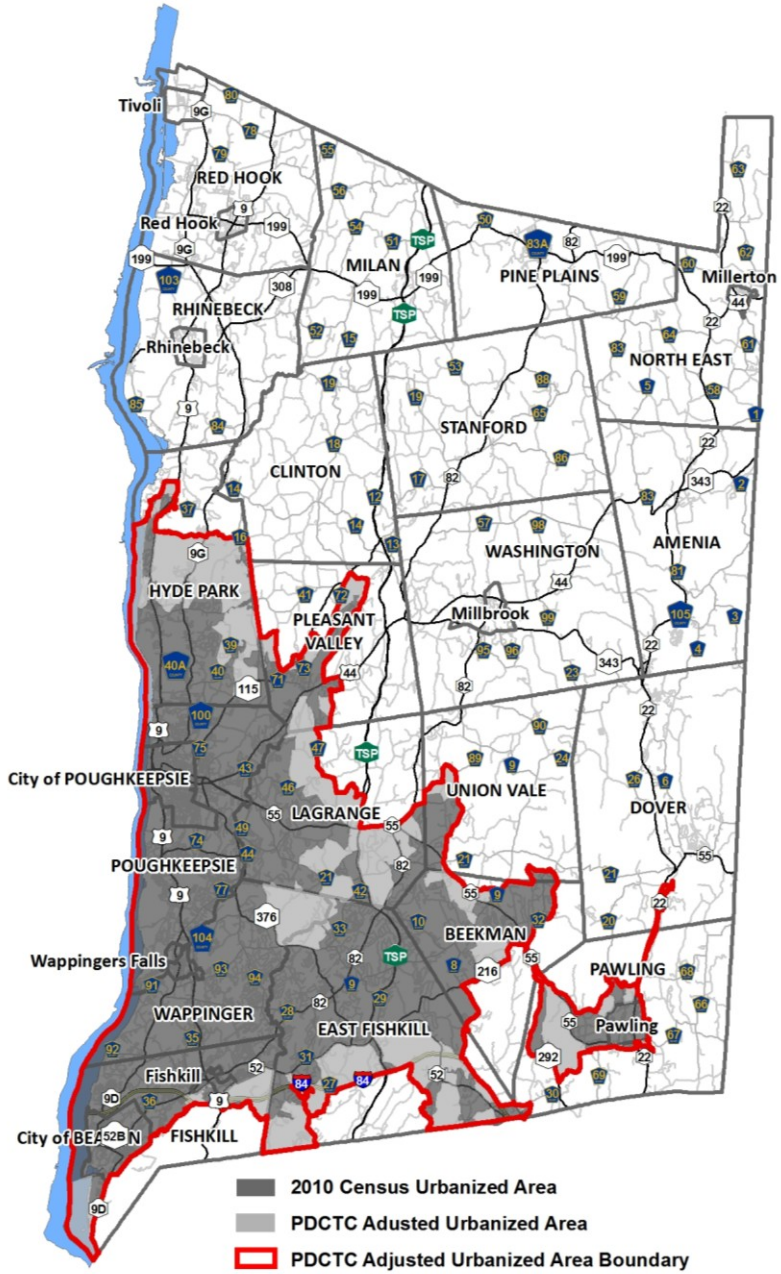


Figure 3. PDCTC Adjusted Urbanized Area



- Completed an update to the current Metropolitan Transportation Plan, *Moving Dutchess*, including a progress report on the Transportation Plan's performance measures and a re-assessment of recommended projects. The 25-year plan, titled *Moving Dutchess 2*, recommends projects and plans to preserve the transportation system, while also improving accessibility throughout Dutchess County. Development of *Moving Dutchess 2* relied on extensive public outreach, including six public workshops and a survey that received over 900 responses.
- Updated the FFY 2014-2018 TIP to reflect changes in project costs, scopes, and schedules as needed.
- Completed an update of the *Coordinated Public Transit-Human Services Transportation Plan* that identifies the transporta*tion needs of disabled and elderly persons, provides strategi*es for meeting those needs, and prioritizes transportation projects and services to expand access to services and destinations.
- Completed Tasks 1 (Existing Conditions), 2 (Crash Analysis), and 3 (Safety Assessment) of the Upper Route 9G Corridor Management Plan (CMP), which seeks to 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, as well as CR 78 (Broadway) through Tivoli and CR 103 (Annandale Rd.) through Bard College. The project relies on an Advisory Committee to help guide the study.
- Created and coordinated an inter-departmental Complete Streets Committee, which developed a Complete Streets vision statement and checklist for Dutchess County and worked to promote walking and bicycling more broadly.
- Coordinated regular meetings of Dutchess County Planning Department and Public Works (DCDPW) staff to better coordinate planning activities, especially the review of proposed developments.
- *Continu*ed to implement *Walk Bike Dutchess*, the Pedestrian and Bicycle Plan for Dutchess County, implementing steps to make walking and bicycling safer, more convenient forms of transportation and recreation.
- Completed the Transportation Council's annual pavement condition monitoring program for local federal-aid eligible roads.

During the 2015-2016 program year, Transportation Council staff worked with local highway and law enforcement agencies to complete a Safety Assessment portion of the Upper Route 9G Corridor Management Plan (CMP) in the Town of Red Hook.

- Collected vehicle volume, classification, and speed data at 291 locations on County and local roads as part of the annual traffic count program.

6. 2016-2017 UPWP Overview

The 2016-2017 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, 2016 and March 31, 2017 (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 2016-2017 program year:

- Develop a proof copy with photos of the new Metropolitan Transportation Plan, *Moving Dutchess 2*.
- Develop and approve a new FFY 2017-2021 Transportation Improvement Program (TIP), effective October 1, 2016, and update the Transportation Council's online TIP Viewer application.
- 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.
- Initiate a new local pavement monitoring program to assess the condition of non federal-aid eligible local roads in Dutchess County. This new program will utilize interns from the Cornell Asset Management Program (CAMP) to assist DCDPW staff with assessing pavement conditions for several municipalities.
- Complete a Sidewalk Inventory and Improvement Plan for the Arlington Business District in the Town of Poughkeepsie, and begin development of a Sidewalk Inventory and Improvement Plan for the Village of Millerton.
- Conduct a Safety Assessment of one or more high-crash roads/intersections as identified in *Moving Dutchess 2* or proposed by Transportation Council members.
- 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.
- Support local transit providers in improving transit operations throughout the county and assist Dutchess County Public Transit with development of a Transit Development Plan for Dutchess County.
- Provide staff support for organizing TMA meetings and assist with development of a Regional Transit Plan.
- Complete the Transportation Council's annual pavement condition monitoring program for local federal-aid eligible roads.

- Complete the Transportation Council's annual traffic count program, collecting volume, vehicle classification, and speed data at approximately 300 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: the 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 2016-2017 program year, the FAST Act's federal allocations for New York State are estimated to total over $31.3 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 2016-2017, this set-aside totals $150,000 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 2016-2017, 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 2016-2017.
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 2016-2017.

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 2016-2017 UPWP FHWA PL funding estimate for SFY 2016-2017 totals $559,780.

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 2016-2017 is $121,104.

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 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 Transportation Council has $487,610 in FHWA (PL) funding available from previous program budgets (i.e. savings backlog). This amount does not include any savings from the 2015-2016 program year. The unexpended funds are available for programming as needed. The Transportation Council will program $250,000 of these funds for the 2016-2017 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 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 planning requirements in the previous transportation law – Moving Ahead for Progress in the 21st 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 start of SFY 2018-2019.

The Transportation Council does not anticipate any carryover funds from FTA Grant NY-80-X025 and expects all FTA funding allocations to be expended in the 2016-2017 program year.

Total Funding

Based on its annual allocation of federal funds and the use of carryover funds, the Transportation Council has programmed $930,884 in federal funds for SFY 2016-2017: $809,780 in FHWA (PL) and $121,104 in FTA (MPP) funds. Table 1 shows the overall funding amounts programmed in the 2016-2017 UPWP.

Table 1. Available PDCTC UPWP Funds for State Fiscal Year (SFY) 2016-2017

	Federal	Match		Total
		Dutchess County (5%)	NYSDOT (15%)[3]	
FHWA (PL) Funds				
2016-2017 Allocation[1]	$559,780	$34,986	$104,959	$699,725
Previous Savings[2]	$487,610	$30,476	$91,427	$609,513
Total Available	$1,047,390	$65,462	$196,386	$1,309,238
2016-2017 Program Budget	**$809,780**	**$50,611**	**$151,834**	**$1,012,225**
Unprogrammed Balance	$237,610	$14,851	$44,552	$297,013
FTA (MPP) Funds				
2016-2017 Allocation[1]	$121,104	$7,569	$22,707	$151,380
2016-2017 Program Budget	**$121,104**	**$7,569**	**$22,707**	**$151,380**
Total Funds				
2016-2017 Program Budget	**$930,884**	**$58,180**	**$174,541**	**$1,163,605**

[1] *Allocated FHWA (PL) and FTA (MPP) funds for SFY 2016-2017 (as of February 10, 2016).*

[2] *Unprogrammed balance (PL funds only) from previous years (as of January 22, 2015). This balance may change upon reconciling the PDCTC's SFY 2015-2016 UPWP budget.*

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

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 2016-2017, the dues total $40,487 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 2016-2017 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 2016-2017, with $150,000 coming from the NYSDOT 2016-2017 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 2016-2017, the Transportation 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 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

As needed, 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 2016-2017, NYSDOT is pursuing some SPR funded projects that may benefit the Transportation 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. American Association of State Highway and Transportation Officials – 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 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 2016-2017 program year: Upper Route 9G Corridor Management Plan (close-out), annual traffic count program,

county pavement condition monitoring program, and maintenance of the online TIP database/GIS portal. 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: $67,500 (FHWA)
   - Pavement Condition Monitoring: $18,500 (FHWA)
   - TIP Database/GIS Portal Maintenance: $5,000 (FHWA)
2. Long-Range Transportation Planning (System)
   - TransCAD Annual Maintenance: $2,400 (FHWA)
3. Long-Range Transportation Planning (Project)
   - Upper Route 9G Corridor Management Plan: $30,000 (FHWA) (project close-out)

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 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 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, 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 previous MAP-21 and the FAST Act, promoting regional cooperation, and improving access to essential services. The UPWP highlights these PEA-relevant tasks where applicable.

12. 2016-2017 UPWP Tasks

Tasks in the 2016-2017 UPWP are organized under FTA Activity Line Item headings and then listed individually using "TJ" codes. The Transportation Council uses the "TJ" 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)

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

Data Development and Analysis (44.22.00)

TJ 21 Demographic Data Analysis and Forecasting
TJ 22 Traffic Count Program*
TJ 23 Major Projects Tracking
TJ 24 Household Travel Survey Data
TJ 25 Geographic Information Systems (GIS)/Database Management
TJ 26 Pavement Condition Monitoring Program (Local Federal-Aid Roads)*
TJ 27 Cornell Local Roads Program (CLRP) Pavement Management Program*
TJ 28 Performance Monitoring*
TJ 29 County-wide Vehicle Speed Study

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

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

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

TJ 41 Community Transportation Planning Assistance*
TJ 42 Local Sidewalk Planning Initiative*
TJ 43 City of Poughkeepsie Transportation Planning Activities*
TJ 44 Pedestrian-Bicycle Plan Implementation*
TJ 45 Complete Streets Implementation*
TJ 46 Regional Sustainability Planning*
TJ 47 Corridor Management Planning
TJ 48 Transportation Safety and Security Planning

Short-Range Transportation Planning (44.24.00)

TJ 51 Transportation Impact Reviews/Sustainable Development Practices
TJ 52 Inter-Departmental Project Coordination

Transportation Improvement Program (TIP) (44.25.00)

TJ 61 Transportation Improvement Program (TIP)*

Transit Planning Emphasis Areas (44.26.00)

TJ 71 Coordination of Non-Emergency Human Service Transportation*
TJ 72 Participation of Transit Operators in Metropolitan and Statewide Planning*
TJ 73 Transit System Management and Operations*
TJ 74 Regional Transit Planning*

Other Activities (44.27.00)
TJ 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 Transportation Council and support the local metropolitan transportation planning process. These include meeting preparation, UPWP development, public outreach activities, TMA support, and professional development activities.

TJ 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. Communicate and coordinate with federal and State agencies on MPO activities. Support day-to-day Council operations with the host agency (Dutchess County Planning Department).

Products:
- Transportation Council and Planning Committee meetings (April 2016-March 2017).
- Meeting agendas, summaries, and briefing packages (April 2016-March 2017).

Responsible Agencies: PDCTC and Dutchess County Planning Department

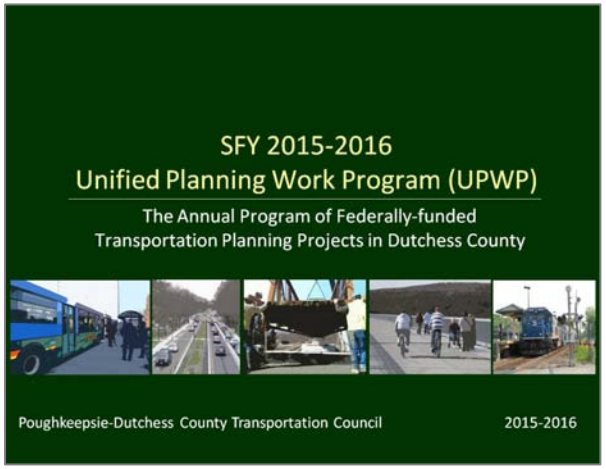
Budget Estimate: FHWA $81,000, FTA $18,200, State $18,600, Local $6,200.

TJ 12 – Unified Planning Work Program (UPWP)

Description: Issue the Final UPWP for SFY 2016-2017. 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 2017-2018 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 2016-2017 UPWP (April 2016).
- Draft 2017-2018 UPWP (November 2016-March 2017).

Responsible Agency: PDCTC



The Transportation Council approved the 2015-2016 UPWP on March 12, 2015, programming over $911,000 in federal funds to carry out the local metropolitan transportation

Budget Estimate: FHWA $16,200, FTA $3,600, State $3,700, Local $1,200.

TJ 13 – Public Participation Activities

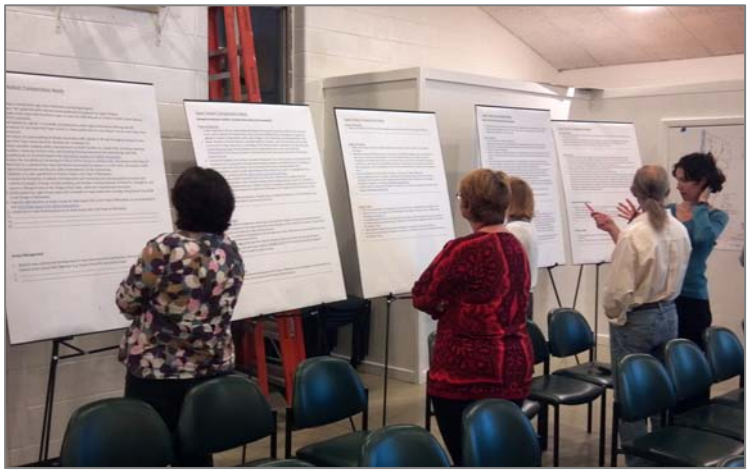
Description: Implement the Transportation Council's Public Participation Plan through the production of press releases, meeting notices, and 30-day public comment notices for major work products such as the MTP, TIP, and UPWP. Maintain the Transportation Council's public information list and website, updating as necessary to better communicate information 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 a bi-annual newsletter on Transportation Council activities.

Products:

- Press releases and public notices (April 2016-March 2017).
- Bi-annual Newsletter (April 2016-March 2017).
- Public meetings (April 2016-March 2017).
- Maintain public information contact list (April 2016-March 2017).
- Maintain Transportation Council website (April 2016-March 2017).

Responsible Agency: PDCTC

Budget Estimate: FHWA $22,700, FTA $5,000, State $5,200, Local $1,700.



The Transportation Council typically uses public workshops as part of its public participation activities, such as this one for Moving Dutchess 2 in Hyde Park.

TJ 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. This includes 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 Plan 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).
- Transportation Council Resolutions to allocate FTA funding (annually).
- Other TMA planning activities (as needed).

Responsible Agencies: PDCTC, OCTC, and UCTC

Budget Estimate: FHWA $22,700, FTA $5,000, State $5,200, Local $1,700.

TJ 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 the Annual Listing of Obligated Projects for FFY 2016.

Products:
- NYSDOT payment requests (April, July, and November 2016; January 2017).
- DBE reports (April and November 2016).
- Dutchess County Single Audit (July-September 2016).
- Annual Listing of Obligated Projects (December 2016).

Responsible Agency: PDCTC

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

TJ 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 $9,700, FTA $2,200, State $2,300, Local $700.

Data Development and Analysis

The Data Development and Analysis planning task supports gathering 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 short- and long-range transportation planning at the system and project levels.

TJ 21 – Demographic Data Analysis and Forecasting

Description: Analyze population and socio-economic data from the 2010 Census, 2010-2014 American Community Survey (ACS), and 2006-2010 Census Transportation Planning Products (CTPP) as they relate to the metropolitan transportation planning process. Make demographic forecasts to support long-range planning work with the travel demand model and implementation of the new Metropolitan Transportation Plan (MTP) – *Moving Dutchess 2*.

Products:

- 2010 Census, ACS, and CTPP data analysis (April 2016-March 2017).
- Revised demographic forecasts (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA $5,500, FTA $1,900, State $1,400, Local $500.

TJ 22 – Traffic Count Program*

Description: Implement and manage the Transportation Council's annual traffic count program. Traffic counts, including vehicle classification and speed data, will be taken at approximately 300 locations in 2016. Data will be consistent with NYSDOT requirements and will be used to support system-wide and local transportation planning activities, including travel demand modeling and congestion management planning. The Transportation Council will also issue a new Request for Proposals (RFP) for the 2017 traffic count program. This task supports the PEA related to performance-based planning.

Products:

- Online traffic count database maintenance (April 2016-March 2017).
- 2016 traffic data collection program (April-December 2016).
- Issue RFP for 2017 traffic count program (July-September 2016).
- 2017 traffic data collection schedule (January-March 2017).

Responsible Agencies: PDCTC, NYSDOT, and project consultant.

Budget Estimate: FHWA $70,200, FTA $0, State $13,200, Local $4,400.

TJ 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 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, or the rezoning of an area which exceeds 10 acres.

Products: 2015 Major Projects Report (April-June 2016).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $6,900, FTA $100, State $1,300, Local $400.

TJ 24 – Household Travel Survey Data

Description: If available, analyze travel survey data from NYSDOT's add-on purchase of Dutchess County data from the 2015 National Household Travel Survey (NHTS).

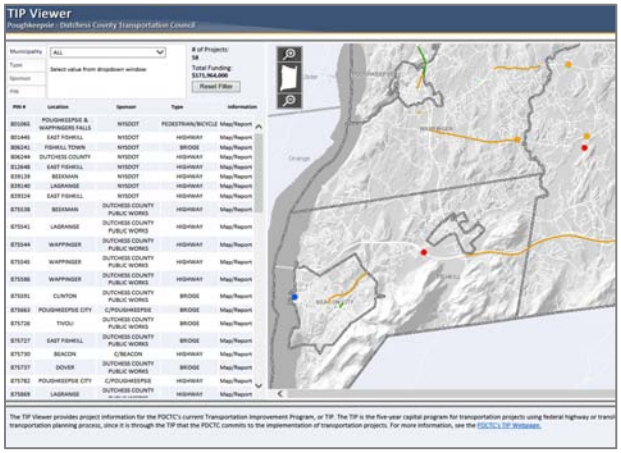
Products: NYSDOT add-on data from 2015 NHTS (January-March 2017).

Responsible Agencies: PDCTC, NYMTC, and NYSDOT.

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

TJ 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 new Metropolitan Transportation Plan, *Moving Dutchess 2*, and update the online TIP database/GIS mapping platform to show information on the new FFY 2017-2021 TIP. Ongoing efforts will include maintaining transportation, environmental, land use, and demographic data for use in GIS, such as the online bicycle parking map application.



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

Products:

- Update the Transportation Council's TIP Viewer application: an online database/GIS portal of local TIP information (April 2016-March 2017).
- Maintain online bicycle parking map application (April 2016-March 2017).
- Demographic and transportation maps (April 2016-March 2017).

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

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

TJ 26 – Pavement Condition Monitoring Program (Local Federal-Aid Roads)

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 2016).

Responsible Agencies: PDCTC and DCDPW.

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

TJ 27 – Cornell Local Roads Program (CLRP) Pavement Management Program

Description: The Transportation Council, in conjunction with DCDPW, will initiate a new project with the Cornell Local Roads Program (CLRP) to evaluate pavement conditions on non federal-aid eligible local roads in Dutchess County. As part of the CLRP's Asset Management Program (CAMP), this new project will provide two summer interns to assist DCDPW staff with assessing pavement conditions for multiple municipalities. The project seeks to provide data on existing conditions to local highway departments so they can more effectively program capital funding.

Products: Pavement condition data and assessment (April-September 2016).

Responsible Agencies: PDCTC and DCDPW.

Budget Estimate: FHWA $22,000, FTA $0, State $4,100, Local $1,400.

TJ 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 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 Transportation Council will also meet MAP-21 and FAST Act rulemakings on various performance measures (e.g. safety, pavement and bridge performance). This task directly supports the PEA related to performance-based planning.

Products:

- Transportation data gathering and analysis (April 2016-March 2017) (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA $4,100, FTA $100, State $800, Local $300.

TJ 29 – 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 (TJ 23). Identify corridors with high percentages of 'high-end' speeders (e.g. 10 mph or more over the posted speed limit) and eventually develop engineering, enforcement, and educational approaches to reduce speeding.

Products:
- Analyze vehicle speed data from the traffic count program (April-December 2016).
- Issue a summary report of findings from the speed study (January-March 2017).

Responsible Agency: PDCTC

Budget Estimate: FHWA $16,500, FTA $0, State $3,000, Local $1,000.

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 Transportation Council to identify issues and challenges that cross jurisdictional borders, such as traffic congestion, regional transit connections, and sustainable development.

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

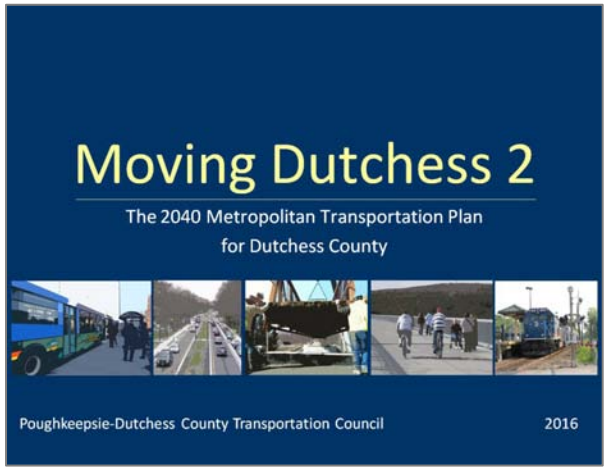
Description: The Transportation Council will implement the new long-range Metropolitan Transportation Plan (MTP) for Dutchess County, titled *Moving Dutchess 2*. The new MTP uses a 2040 planning horizon and identifies strategies to maintain the existing transportation system and shape it to meet future demands, as determined by projected demographic and travel patterns in the county (supported by tasks TJ 21-TJ 29). *Moving Dutchess 2* complies with federal planning requirements.

The Transportation Council will further support member agency implementation of projects, plans, and policies that promote the goals and recommendations of the new 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. This task includes the development of a proof copy of the new MTP and the addition of photos for printing as needed.

Products:
- MTP (*Moving Dutchess 2*) implementation activities (April 2016-March 2017).
- Develop proof copy of Final MTP (April-June 2016).

Responsible Agencies: PDCTC and member agencies.

Budget Estimate: FHWA $82,600, FTA $15,900, State $18,500, Local $6,200.



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.

TJ 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 2016-March 2017).
- TransCAD maintenance (April 2016-March 2017).
- NPMRDS analysis (April 2016-March 2017).

Responsible Agency: PDCTC

Budget Estimate: FHWA $13,800, FTA $600, State $2,700, Local $900.

TJ 33 – Air Quality and Energy Planning

Description: Monitor regional air quality conformity actions and use the EPA's latest Motor Vehicle Emission Simulator (MOVES2014a) program to perform greenhouse gas reduction analyses when needed. Support other energy planning efforts, such as implementation of the NYS Climate Action Plan.

Products: MOVES2014a data reports (as needed).

Responsible Agency: PDCTC

Budget Estimate: FHWA $5,500, FTA $600, State $1,200, Local $400.

TJ 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 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 2016-March 2017).
- CMP Update (January-March 2017).

Responsible Agencies: PDCTC, OCTC, and UCTC.

Budget Estimate: FHWA $13,800, FTA $600, State $2,700, Local $900.

TJ 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 2016-March 2017).

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA $2,800, FTA $600, State $600, Local $200.

TJ 36 – Intelligent Transportation System (ITS) Support

Description: Support the expansion and management of State, regional, and local ITS infrastructure and systems, including 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 2016-March 2017).
- ITS implementation (April 2016-March 2017).

Responsible Agencies: PDCTC, NYSDOT, Duchess County Public

Transit, and City of Poughkeepsie.

Budget Estimate: FHWA $2,800, FTA $600, State $600, Local $200.

TJ 37 – State and Regional Transportation Study Liaison*

Description: Participate in member agency studies that affect Dutchess County or support the work of the Transportation 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 Transportation 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 (as needed).
- NYS High Speed Rail Tier 1 EIS (as needed).
- 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 $2,800, FTA $600, State $600, Local $200.

TJ 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/FAST Act freight planning implementation (as needed).
- TMA Regional Freight Plan Scope of Work (January-March 2017).

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

Budget Estimate: FHWA $13,800, FTA $0, State $2,600, Local $900.

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.

TJ 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 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 2016-March 2017).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $22,700, FTA $2,900, State $4,800, Local $1,600.

TJ 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. This task includes the development of a pedestrian plan for the Arlington Business District in the Town of Poughkeepsie, and a possible pedestrian plan for the Village of Millerton. This task supports the PEA related to improving access to essential services.

Products:

- Implement previous pedestrian plans (April 2016-March 2017).
- Develop a Pedestrian Plan for the Arlington Business District in the Town of Poughkeepsie (April 2016-March 2017).
- Begin work on a Pedestrian Plan for the Village of Millerton (October 2016-March 2017).

The Transportation 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.

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

Budget Estimate: FHWA $45,300, FTA $600, State $8,600, Local $2,900.

TJ 43 – City of Poughkeepsie Transportation Planning Activities*

Description: Assist the City of Poughkeepsie with various transportation planning activities including implementing the Poughkeepsie Waterfront Redevelopment Strategy, redesigning Market St. from one-way to two-way traffic, and progressing other transportation projects as needed.

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. The TOD project builds upon a previous FHWA Transportation, Community, and System Preservation (TCSP) grant administered by Metro-North Railroad. The project also 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.

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

Products: City of Poughkeepsie Transportation Planning Activities (April 2016-March 2017).

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

Budget Estimate: FHWA $18,100, FTA $4,500, State $4,200, Local $1,400, Private $210,000.

TJ 44 – Pedestrian-Bicycle Plan Implementation*

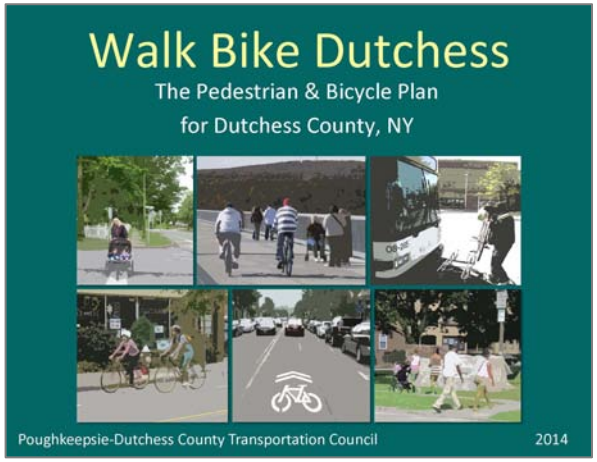
Description: Implement recommendations from *Moving Dutchess 2* and *Walk Bike Dutchess* - the Transportation Council's 2014 Pedestrian and Bicycle Plan - addressing the needs of pedestrians and bicyclists and integrating walking and bicycling into the transportation system. The Transportation Council will continue to work with 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 in conjunction with the Nationsl Bicycle & Pedestrian Documentation Projrct. 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 2016-March 2017).
- Conduct pedestrian and bicycle counts (September 2016).

Responsible Agencies: PDCTC and member agencies.

Budget Estimate: FHWA $34,000, FTA $4,800, State $7,300, Local $2,400.



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.

TJ 45 – Complete Streets Implementation*

Description: This task covers assistance to municipalities with the development of local Complete Streets laws and plans. As part of an inter-departmental Complete Streets Committee, the Transportation Council will help develop a county Complete Streets Policy, and in conjunction with DCDPW, the Dutchess County Department of Health (DCDOH) and Dutchess County Traffic Safety Board (DCTSB), organize a public safety campaign to increase awareness of walking and bicycling safety issues in Dutchess County.

Products:

- Walking and bicycling public safety awareness campaign (April 2016-March 2017).
- County Complete Streets Policy (April-September

2016).
- Inter-Departmental Complete Streets Committee meetings (As needed).

Responsible Agency: PDCTC, DCDPW, DCDOH, and DCTSB.

Budget Estimate: FHWA $34,000, FTA $4,800, State $7,300, Local $2,400.

TJ 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 2016-March 2017).

Responsible Agencies: PDCTC and other responsible agencies.

Budget Estimate: FHWA $4,500, FTA $600, State $1,000, Local $300.

TJ 47 – Corridor Management Planning

Description: Supported by consultant services, 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 is has already completed tasks include Tasks 1 (Existing Conditions), 2 (Crash Analysis), and 3 (Safety Assessment).

Products:
- Advisory Committee meetings (as needed).
- Final Public Workshop (April-June 2016).
- Final Corridor Management Plan (April-June 2016).

Responsible Agencies: PDCTC and other responsible agencies.

Budget Estimate: FHWA $45,300, FTA $600, State $8,600, Local $2,900.

TJ 48 – Transportation Safety and Security Planning (44.26.16)

Description: The Transportation Council will conduct a Safety Assessment to identify low cost improvements at a high crash location identified in *Moving Dutchess 2* 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 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 identify and mitigate safety issues.

Products:
- DCTSB meetings (April 2016-March 2017).
- Safety Assessment (April 2016-March 2017).
- Implement safety recommendations in *Moving Dutchess 2* (April 2016-March 2017).

Responsible Agencies: PDCTC, NYSDOT, and DCTSB.

Budget Estimate: FHWA $22,700, FTA $600, State $4,500, Local $1,500.

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 2*. 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.

TJ 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 Transportation 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 Transportation 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 2016-March 2017).

Responsible Agencies: PDCTC and Dutchess County Planning Department.

Budget Estimate: FHWA $60,700, FTA $4,500, State $12,200,

Local $4,100.

TJ 52 – Inter-Departmental Project Coordination

Description: Working with the Dutchess County Planning Department, encourage better coordination between the Transportation Council/Planning Department and Dutchess County Department of Public Works (DCDPW), 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 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 County lead planners.

Products:

- Dutchess County Planning-DCDPW Coordination meetings (quarterly).
- Meeting summaries (April 2016-March 2017).

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

Budget Estimate: FHWA $20,200, FTA $1,500, State $4,000, Local $1,400.

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 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 Improvement Program (STIP). The current 2014-2018 TIP covers the period from October 1, 2013 through September 30, 2018, and will be superseded by a new FFY 2017-2021 TIP on October 1, 2016. The Transportation Council will amend the current and future TIPs to account for funding or project scope and schedule changes.

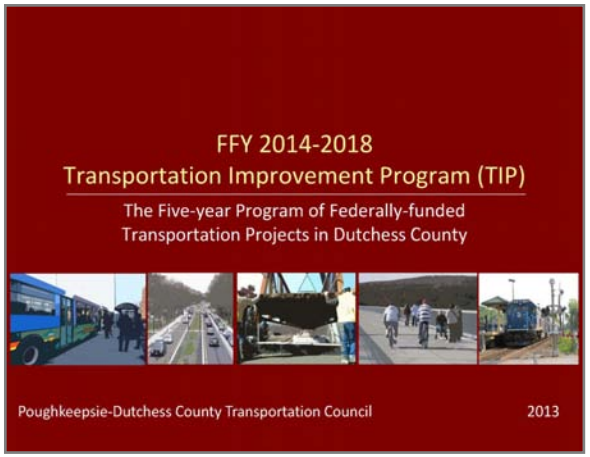
TJ 61 – Transportation Improvement Program (TIP)*

Description: Maintain the current FFY 2014-2018 Transportation Improvement Program (TIP) through amendments and administrative modifications that meet MAP-21 and FAST Act requirements, maintain fiscal constraint, and support changing sponsor priorities and project scopes. Develop and approve a new FFY 2017-2021 (TIP), effective October 1, 2016, and update the Transportation Council's online TIP Viewer application. Support project solicitations for the Highway Safety Improvement Program (HSIP), Surface Transportation Block Grant Program (STBGP), NYSDOT Beyond Preservation (BP) Program, and other programs. This task supports the PEA related to performance-based planning.

Products:
- FFY 2014-2018 TIP Amendments and Administrative Modifications (April-September 2016).
- Develop Draft FFY 2017-2021 TIP (April-June 2016)
- Update TIP Viewer (April 2016-June 2016).
- Approve Final FFY 2017-2021 TIP (June 2016).

Responsible Agencies: PDCTC and NYSDOT.

Budget Estimate: FHWA $56,700, FTA $4,800, State $11,500, Local $3,800.



The Transportation 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 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.

TJ 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 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 2016-March 2017).
- Coordinate with human service agencies to help meet their clients' mobility needs (April 2016-March 2017).

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

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

TJ 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 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 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.

TJ 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 2016-March 2017).

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.

TJ 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, and locate where jobs, housing, and transportation can work together to create transit-friendly neighborhoods. This task supports the PEA related to promoting regional planning.

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

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

Budget Estimate: FHWA $0, FTA $17,300, State $3,200, Local $1,000.

Other Activities

TJ 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, 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 2016-March 2017).
- NYSAMPO working group meetings/calls (April 2016-March 2017).
- SCI project participation (April 2016-March 2017).

Responsible Agencies: PDCTC, NYSDOT, and NYSAMPO.

Budget Estimate: FHWA $8,100, FTA $1,200, State $1,700, Local $600.

13. Public Participation Process

The Draft 2016-2017 UPWP was discussed by the Transportation Council's Planning Committee at its meetings on December 23, 2015, January 27, 2016, and February 24, 2016. On February 8, 2016, 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. The notice set a deadline of March 8, 2016 for comments.

14. SFY 2016-2017 Program Budgets

The following tables provide information on the use of federal, State, and County funds in support of Council work activities for SFY 2016-2017: 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 2016-2017 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	$161,955	$10,122	$30,369	$202,446	$36,331	$2,270	$6,814	$45,415	$247,861
Data Development and Analysis	$137,663	$8,604	$25,812	$172,079	$2,422	$151	$454	$3,027	$175,106
Long-Range Transportation Planning (System Level)	$137,663	$8,604	$25,812	$172,079	$19,377	$1,211	$3,633	$24,221	$196,300
Long-Range Transportation Planning (Project Level)	$226,738	$14,171	$42,513	$283,422	$19,377	$1,211	$3,633	$24,221	$307,643
Short-Range Transportation Planning	$80,978	$5,061	$15,183	$101,222	$6,055	$378	$1,135	$7,568	$108,790
Transportation Improvement Program (TIP)	$56,685	$3,543	$10,628	$70,856	$4,844	$303	$908	$6,055	$76,911
Transit Planning	$0	$0	$0	$0	$31,487	$1,969	$5,903	$39,359	$39,359
Other Activities	$8,098	$506	$1,517	$10,121	$1,211	$76	$227	$1,514	$11,635
Toll Credits	n/a	n/a	$148,423		n/a	n/a	n/a	n/a	n/a
Total	**$809,780**	**$50,611**	**$151,834**	**$1,012,225**	**$121,104**	**$7,569**	**$22,707**	**$151,380**	**$1,163,605**

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

Table 3. PDCTC 2016-2017 UPWP FHWA (PL) Object Budget

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Staff Salaries	$375,834	$23,488	$0	$399,322
Fringe Benefits	$211,406	$13,213	$0	$224,619
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	$151,834	$151,834
Total	**$809,780**	**$50,611**	**$151,834**	**$1,012,225**

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

Table 4. PDCTC 2016-2017 UPWP FTA (MPP) Object Budget

Item	Federal Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Staff Salaries	$69,902	$4,368	$13,106	$87,376
Fringe Benefits	$39,319	$2,457	$7,372	$49,148
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	**$121,104**	**$7,569**	**$22,707**	**$151,380**

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

Table 5. PDCTC 2016-2017 UPWP FTA (MPP) Detailed Budget

	FTA Funding	Dutchess County (5% Match)	NYSDOT (15% Match)[1]	Total
Item				
Staff Salaries	$69,902	$4,368	$13,106	$87,376
Fringe Benefits	$39,319	$2,457	$7,372	$49,148
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	**$121,104**	**$7,569**	**$22,707**	**$151,380**
Task				
44.21.00 - Program Support, Administration & Liaison	$36,331	$2,270	$6,814	$45,415
44.22.00 - Data Development and Analysis	$2,422	$151	$454	$3,027
44.23.01 - Long Range Transportation Planning-System Level	$19,377	$1,211	$3,633	$24,221
44.23.02 - Long Range Transportation Planning-Project Level	$19,377	$1,211	$3,633	$24,221
44.24.00 - Short Range Transportation Planning	$6,055	$378	$1,135	$7,568
44.25.00 - Transportation Improvement Program	$4,844	$303	$908	$6,055
44.26.12 - Coordination of Non-Emergency Human Service Transportation	$4,844	$303	$908	$6,055
44.26.13 - Participation of Transit Operators in Metropolitan Planning	$4,844	$303	$908	$6,055
44.26.14 - Transit Systems Management and Operations	$4,844	$303	$908	$6,055
44.26.15 - Regional Transit Capital Planning	$16,955	$1,060	$3,179	$21,194
44.27.00 - Other Activities	$1,211	$76	$227	$1,514
Total	**$121,104**	**$7,569**	**$22,707**	**$151,380**

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

Table 6. PDCTC 2016-2017 UPWP Task Cost Estimates

Task	FHWA (PL)	FTA (MPP)	NYSDOT[1]	Dutchess County	Total
TJ 11 - Council Support and Administration	$80,978	$18,166	$18,589	$6,196	$123,929
TJ 12 - Unified Planning Work Program (UPWP)	$16,196	$3,633	$3,718	$1,239	$24,786
TJ 13 - Public Participation Activities	$22,674	$5,086	$5,205	$1,735	$34,700
TJ 14 - Transportation Management Area (TMA) Coordination	$22,674	$5,086	$5,205	$1,735	$34,700
TJ 15 - Federal, State, and Local Reporting	$9,717	$2,180	$2,231	$744	$14,871
TJ 16 - Professional Development	$9,717	$2,180	$2,231	$744	$14,871
TJ 21 - Demographic Data Analysis & Forecasting	$5,507	$1,938	$1,396	$465	$9,305
TJ 22 - Traffic Count Program	$70,208	$0	$13,164	$4,388	$87,760
TJ 23 - Major Projects Tracking	$6,883	$121	$1,313	$438	$8,755
TJ 24 - Household Travel Surveys	$1,377	$121	$281	$94	$1,872
TJ 25 - Geographic Information Systems (GIS)/Database Management	$5,507	$121	$1,055	$352	$7,035
TJ 26 - Pavement Condition Monitoring	$5,507	$0	$1,032	$344	$6,883
TJ 27 - Cornell Local Roads Program (CLRP) Pavement Management Program	$22,026	$0	$4,130	$1,377	$27,533
TJ 28 - Performance Monitoring	$4,130	$121	$797	$266	$5,314
TJ 29 - County-wide Vehicle Speed Study	$16,520	$0	$3,097	$1,032	$20,649
TJ 31 - Metropolitan Transportation Plan (MTP) (*Moving Dutchess 2*)	$82,598	$15,889	$18,466	$6,155	$123,109
TJ 32 - Travel Demand Model/Transportation Data Analysis & Forecasting	$13,766	$581	$2,690	$897	$17,935
TJ 33 - Air Quality and Energy Planning	$5,507	$581	$1,141	$380	$7,610
TJ 34 - Congestion Management Plan (CMP)	$13,766	$581	$2,690	$897	$17,935
TJ 35 - Travel Demand Management (TDM) Activities	$2,753	$581	$625	$208	$4,168
TJ 36 - Intelligent Transportation System (ITS) Support	$2,753	$581	$625	$208	$4,168
TJ 37 - State and Regional Transportation Study Liaison	$2,753	$581	$625	$208	$4,168
TJ 38 - Regional Freight Planning	$13,766	$0	$2,581	$860	$17,208
TJ 41 - Community Transportation Planning Assistance	$22,674	$2,907	$4,796	$1,599	$31,975
TJ 42 - Local Sidewalk Planning Initiative	$45,348	$581	$8,612	$2,871	$57,411
TJ 43 - City of Poughkeepsie Transportation Planning Activities	$18,139	$4,457	$4,237	$1,412	$28,245
TJ 44 - Pedestrian-Bicycle Plan Implementation	$34,011	$4,844	$7,285	$2,428	$48,569
TJ 45 - Complete Streets Implementation	$34,011	$4,844	$7,285	$2,428	$48,569
TJ 46 - Regional Sustainability Planning	$4,535	$581	$959	$320	$6,395
TJ 47 - Corridor Management Planning	$45,348	$581	$8,612	$2,871	$57,411
TJ 48 - Transportation Safety and Security Planning	$22,674	$581	$4,360	$1,453	$29,069
TJ 51 - Transportation Impact Reviews/Sustainable Development Practices	$60,734	$4,541	$12,239	$4,080	$81,593
TJ 52 - Inter-Departmental Project Coordination	$20,245	$1,514	$4,080	$1,360	$27,198
TJ 61 - Transportation Improvement Program (TIP)	$56,685	$4,844	$11,537	$3,846	$76,911
TJ 71 - Coordination of Non-Emergency Human Service Transportation	$0	$4,723	$886	$295	$5,904
TJ 72 - Participation of Transit Operators in Metropolitan Planning	$0	$4,723	$886	$295	$5,904
TJ 73 - Transit System Management and Operations	$0	$4,723	$886	$295	$5,904
TJ 74 - Regional Transit Planning	$0	$17,318	$3,247	$1,082	$21,647
TJ 81 - NYSAMPO Activities	$8,098	$1,211	$1,745	$582	$11,636
Total	**$809,780**	**$121,104**	**$174,542**	**$58,180**	**$1,163,605**

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