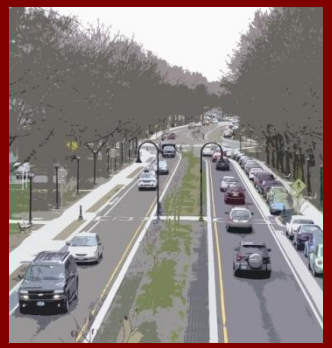
FINAL DRAFT

FFY 2017-2021
Transportation Improvement Program (TIP)

The Five-year Program of Federally-funded
Transportation Projects in Dutchess County



Poughkeepsie-Dutchess County Transportation Council

2016

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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.

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.

Mid-Hudson Valley Transportation Management Area

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 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. The most recent federal certification occurred in 2014. TMA's are also encouraged to develop a Congestion Management Plan (CMP) to reduce traffic congestion.

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.

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

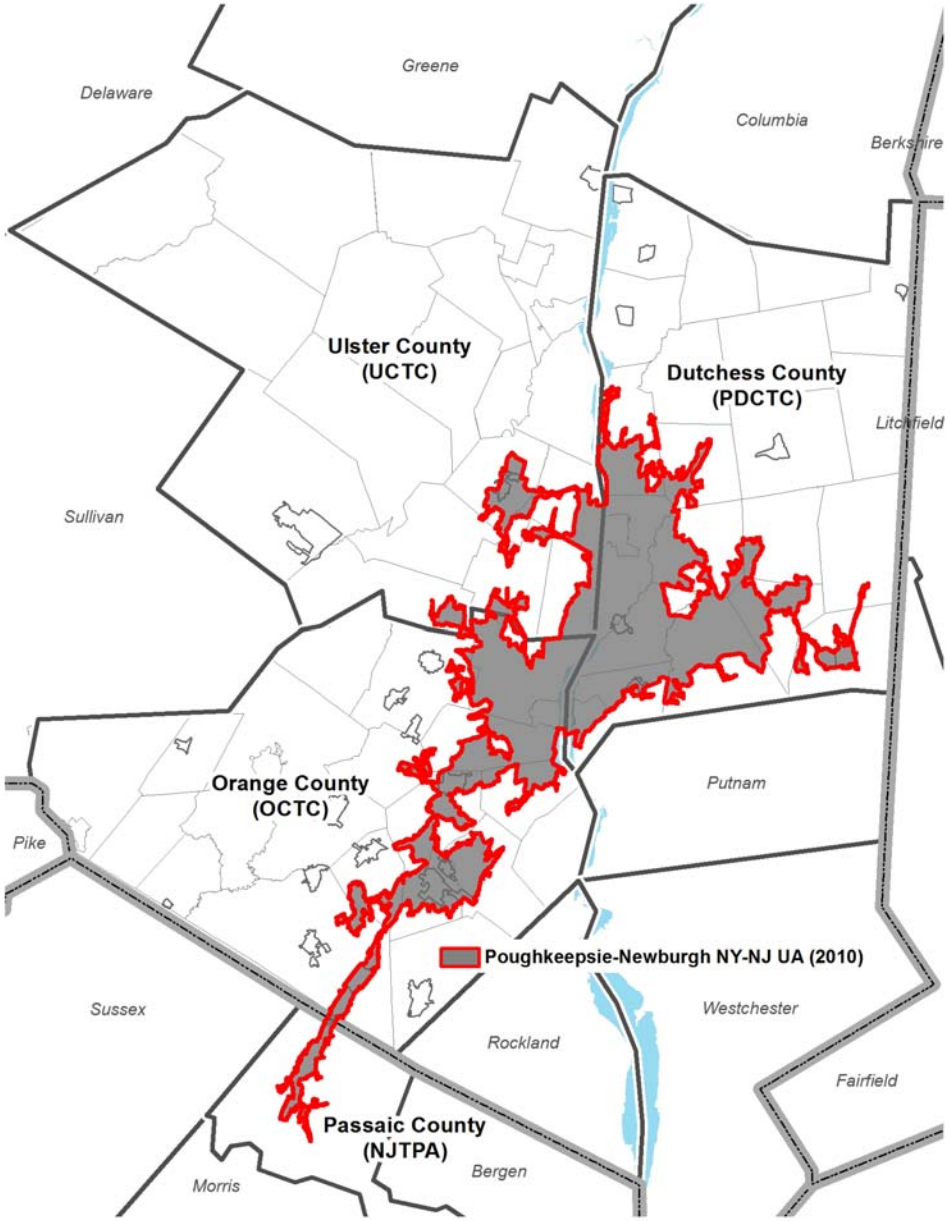
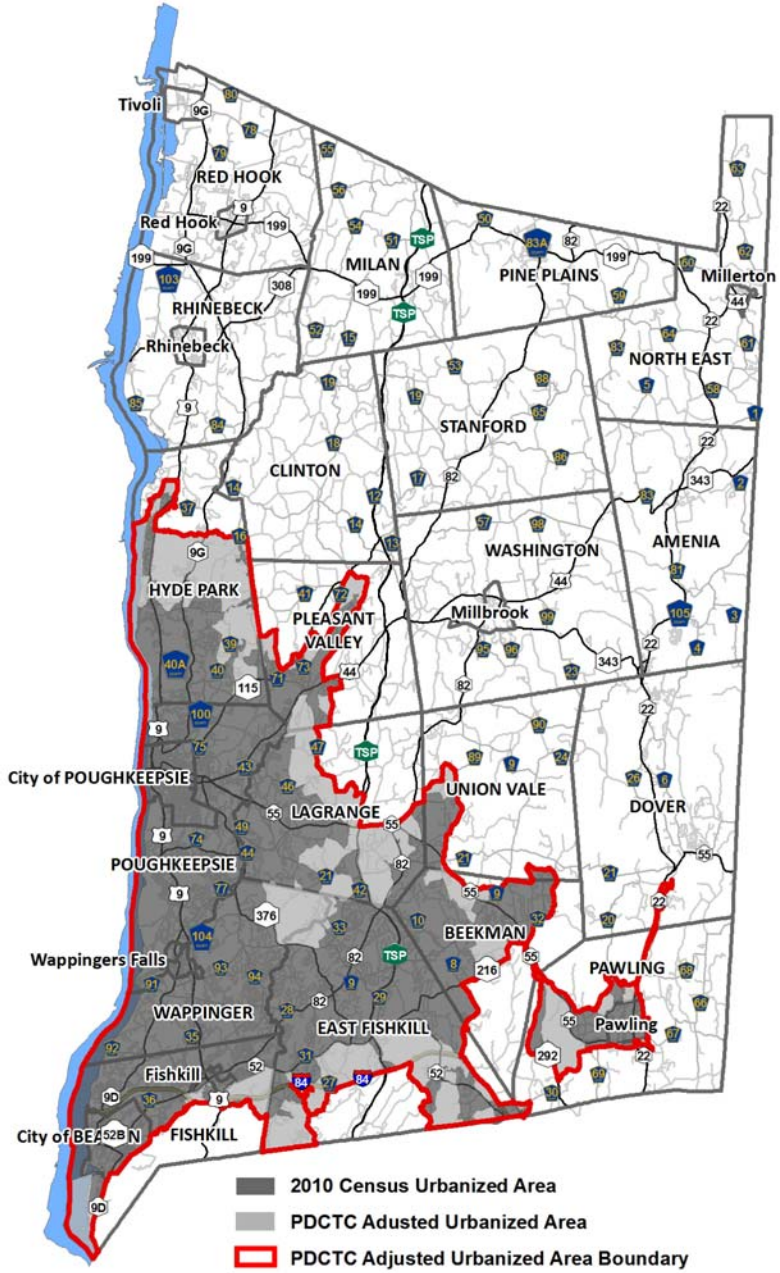


Figure 3. PDCTC Adjusted Urbanized Area



TIP Development

Overview

The 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. The TIP identifies capital and non-capital surface transportation projects or project phases that are proposed for funding under 23 U.S.C. and 49 U.S.C. Chapter 53. At a minimum, the TIP must be updated at least once every four years and approved by the MPO and Governor. In New York, the TIP update cycle coincides with the update cycle for the Statewide Transportation Improvement Program (STIP), which is typically done every two to three years.

The FAST Act requires that MPOs develop the TIP in cooperation with the State and all affected public transportation operators. The TIP must contain projects that are consistent with the current Metropolitan Transportation Plan (MTP) (e.g. *Moving Dutchess 2*) and reflect the investment priorities established in the MTP. The TIP must also include, to the maximum extent practicable, a description of the anticipated effect of the TIP on achieving the performance targets established in the MTP, linking investment priorities to those performance targets.

In developing the TIP, the MPO is required to provide an opportunity for participation by interested parties. For the Transportation Council, this occurs at monthly Planning Committee meetings and through formal public comment periods. An MPO must also develop estimates of funds that are reasonably expected to be available to support program implementation. The TIP must include a financial plan that demonstrates how the TIP can be implemented using estimates of public and private resources that are reasonably expected to be available to carry out the program.

For each project or project phase, the TIP must include sufficient descriptive material to identify the project (e.g. type of work, length, location, termini). The TIP shall also show the estimated total project cost and amount of federal funds proposed to be obligated during each program year for the project or phase. Listings also identify the agency responsible for carrying out the project.

Though the TIP focuses on the programming of federal funds, it also includes State-funded transportation projects to provide a more complete picture of transportation improvements in the area.

Relationship to the Metropolitan Transportation Plan

The TIP is an essential product of the overall transportation planning process, since it is through the TIP that the Transportation Council commits to the implementation of transportation projects. Once programmed on the TIP, a sponsor may proceed with work on a project; for a typical highway project, this would include activities such as preliminary and detailed design, right-of-way acquisition, and construction. Projects must be consistent with the ten goals

identified in *Moving Dutchess 2*:

1. Maintain highways and bridges in a state of good repair.
2. Maintain the transit system in a state of good of repair and increase ridership to reduce traffic and promote sustainable development.
3. Improve safety to reduce transportation-related fatalities, injuries, and property damage.
4. Reduce traffic congestion to improve our quality of life and promote economic development.
5. Increase bicycling and walking to reduce traffic, improve operations, and promote sustainable development.
6. Increase carpools/vanpools to reduce traffic, improve operations, and promote sustainable development.
7. Reduce transportation-related impacts to the environment and promote sustainable development and smart growth.
8. Increase public participation in the transportation planning process.
9. Improve the delivery of federally-funded transportation projects.
10. Improve transportation security.

The 2017-2021 TIP covers the period from October 1, 2016 through September 30, 2021 and coincides with the Federal Fiscal Year (FFY) calendar. Upon Transportation Council approval, the 2017-2021 TIP will be incorporated into the STIP, which is then reviewed and approved by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). Federal approval is required by October 1, 2016: the start of FFY 2017.

Fixing America's Surface Transportation Act (FAST) Act

The Transportation Council operates under the tenets of the FAST Act, the federal law that provides funds for transportation projects and planning efforts and establishes federal transportation priorities. The FAST Act requires that the metropolitan transportation planning process, which results in the TIP, address ten planning factors:

1. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
2. Promote efficient system management and operation.
3. Emphasize the preservation of the existing transportation system.
4. Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
5. Enhance travel and tourism.
6. Increase the accessibility and mobility of people and freight.
7. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.
8. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

9. Increase the safety of the transportation system for motorized and non-motorized users.
10. Increase the security of the transportation system for motorized and non-motorized users.

Moving Dutchess 2 recommends specific projects to preserve and improve the transportation system. The majority of these are maintenance-related, striving to maintain public safety and preserve the system as best as possible. Project recommendations in *Moving Dutchess 2* are categorized into the following general project types:

1. Bridge Maintenance: replacement or rehabilitation of bridges that are in or are expected to be in poor condition.
2. Highway Maintenance: reconstruction or rehabilitation of roadway segments that are in or are expected to be in poor condition.
3. Highway Operations: intersection, turning lane, and traffic signal projects to improve operations and reduce congestion.
4. Safety: projects and studies to improve safety.
5. Pedestrian/Bicycle: construction or rehabilitation of sidewalks, crosswalks, trails and bicycle facilities to improve safety and accessibility.
6. Travel Demand Management: rideshare/vanpool services to reduce congestion.
7. Transit: bus replacements, operating assistance, and preventive maintenance for transit providers, as well as facility upgrades for bus and commuter rail.
8. Planning: topics or locations that require additional study.

TIP Project Selection

Using the previous 2014-2018 TIP as a foundation, the Transportation Council developed the 2017-2021 TIP with the cooperation of State and local officials, regional and local transit operators, and other affected transportation and regional planning agencies. These organizations reviewed their programmed projects and re-prioritized them based on changes in funding availability and eligibility, updated project schedules and scopes, and local infrastructure goals.

The Transportation Council began work on the 2017-2021 TIP in late 2015, when federal and State funding targets were first provided by NYSDOT. The TIP development process covered four major activities:

1. Reviewing existing projects so that costs, scopes, and schedules reflected the most up-to-date information available.
2. Identifying new transit projects from local and regional transit operators. (Due to the lack of available highway funding, the Transportation Council did not solicit for new highway projects).
3. Prioritizing projects based on sponsor schedules and funding capabilities.
4. Reconciling requested cost and schedule changes with available funding by fiscal year and fund source.

During the review of existing projects, project sponsors assessed their ability to progress projects in light of new project priorities, scope changes, and available funding

resources. Their assessment resulted in the removal of three NYSDOT projects that were programmed on the 2014-2018 TIP, but withdrawn from the 2017-2021 TIP in order to meet fiscal constraint:

1. PIN 801065: Route 9 Pedestrian Bridge over the Wappinger Creek in the Town of Poughkeepsie and Village of Wappingers Falls ($4.36 million).
2. PIN 801445: Route 82/CR 31 (Palen Rd.) Intersection Realignment in the Town of East Fishkill ($2.89 million).
3. PIN 839139: Route 55/Gardner Hollow Rd. resurfacing in the Town of Beekman ($0.451 million).

Transportation Funding

The FAST Act authorizes a variety of funding programs that support highway, transit, and bicycle-pedestrian projects and requires that the TIP be financially constrained by using estimates of current and reasonably available future revenues to program projects. The 2017-2021 TIP includes only projects for which construction or operating funds are expected to be available. The Transportation Council estimated funds from four sources:

1. Federal-aid highway funding (Title 23) administered through the Federal Highway Administration (FHWA)
2. Federal transit assistance (Title 49) administered through the Federal Transit Administration (FTA)
3. State Dedicated Funds (SDF)
4. Local match funds

To reflect Year of Expenditure (YOE) dollars (the future estimated value of the dollar after accounting for inflation), NYSDOT applied inflation factors to the costs of projects and phases beyond FFY 2016. The inflation factors allow NYSDOT to more accurately demonstrate financial constraint in the STIP by accounting for rising labor, equipment, and material costs. Annual inflation is estimated at two percent.

Highway Programs

The FAST Act continues the consolidation of highway funding programs into a smaller set of core programs, many of which focus on maintaining and improving transportation infrastructure needs of federal interest.

National Highway Performance Program (NHPP)

The NHPP supports maintenance and improvement activities for the National Highway System (NHS), which includes the Interstate Highway System as well as other roads important to the nation's economy, defense, and mobility. The NHS is developed by the U.S. Department of Transportation (DOT) in cooperation with states, local officials, and MPOs. The NHPP supports the construction of new facilities on the NHS and other activities that help agencies attain performance targets established in a state's NHS asset management plan. The federal share for the NHPP is generally 80 percent of the total project cost.

In Dutchess County, the current NHS covers approximately 309 centerline miles of State highways, primarily I-84, Routes

9, 9D, 22, 44, and 55, and the Taconic State Parkway. NHS roads represent 12 percent of total centerline mileage in Dutchess County. Figure 4 shows the NHS in Dutchess County.

NHPP projects must be on an eligible facility and support the achievement of national performance goals for improving infrastructure condition, safety, mobility, and freight movement on the NHS, and also be consistent with State and MPO plans such as *Moving Dutchess 2*. NHPP eligible activities can include the following types of projects:

- Construction, rehabilitation, preservation, and operational improvements on NHS facilities, including bridges and tunnels.
- Bicycle transportation and pedestrian walkways associated with an NHS facility.
- Highway safety improvements on NHS facilities.
- Capital and operating costs for traffic and traveler information monitoring and management for NHS facilities.
- Reconstruction and rehabilitation of bridges on a non-NHS Federal-aid highway, as long as Interstate System and NHS bridge condition requirements are satisfied.

Surface Transportation Block Grant (STBG) Program

The Surface Transportation Block Grant (STBG) Program provides flexible funding that may be used by states and localities for projects to preserve and improve conditions and operations on Federal-aid highways, all bridges and tunnels, and pedestrian and bicycle facilities. The FAST Act directs FHWA to apportion STBG funding as a lump sum for each State and then divides that total among apportioned programs. Each State's STBG apportionment is calculated based on a percentage specified in law. STBG eligible activities can include the following:

- Construction, rehabilitation, preservation, and operational improvements for Federal-aid highways.
- Construction, rehabilitation, preservation, and operational improvements for bridges and tunnels on any public road. The FAST Act requires that states obligate a portion of STBG funds for bridges not on federal-aid highways (known as off-system bridges).
- Inspection and evaluation of bridges, tunnels, and other highway assets.
- Carpool projects, [ED1]corridor parking facilities and programs, including electric and natural gas vehicle charging infrastructure, bicycle transportation and pedestrian walkways, and ADA sidewalk modification.
- Highway and transit safety infrastructure improvements and programs.
- Capital and operating costs for traffic monitoring, management and control facilities and programs.

The federal share for most STP activities is 80 percent of the total project cost, though this can increase to 90 percent for projects on the Interstate System and 100 percent for certain safety improvements. Figure 5 shows Federal-aid roads in Dutchess County.

Figure 4. National Highway System (NHS) in Dutchess County

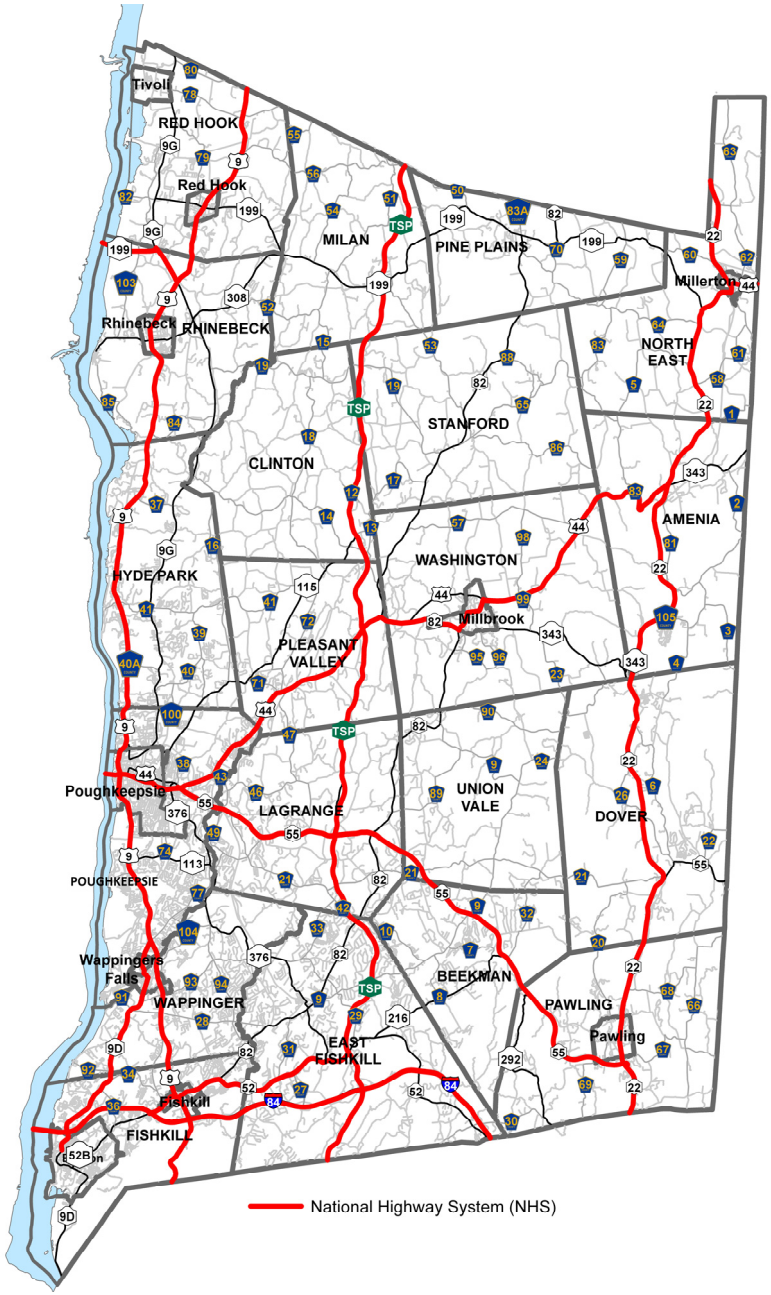
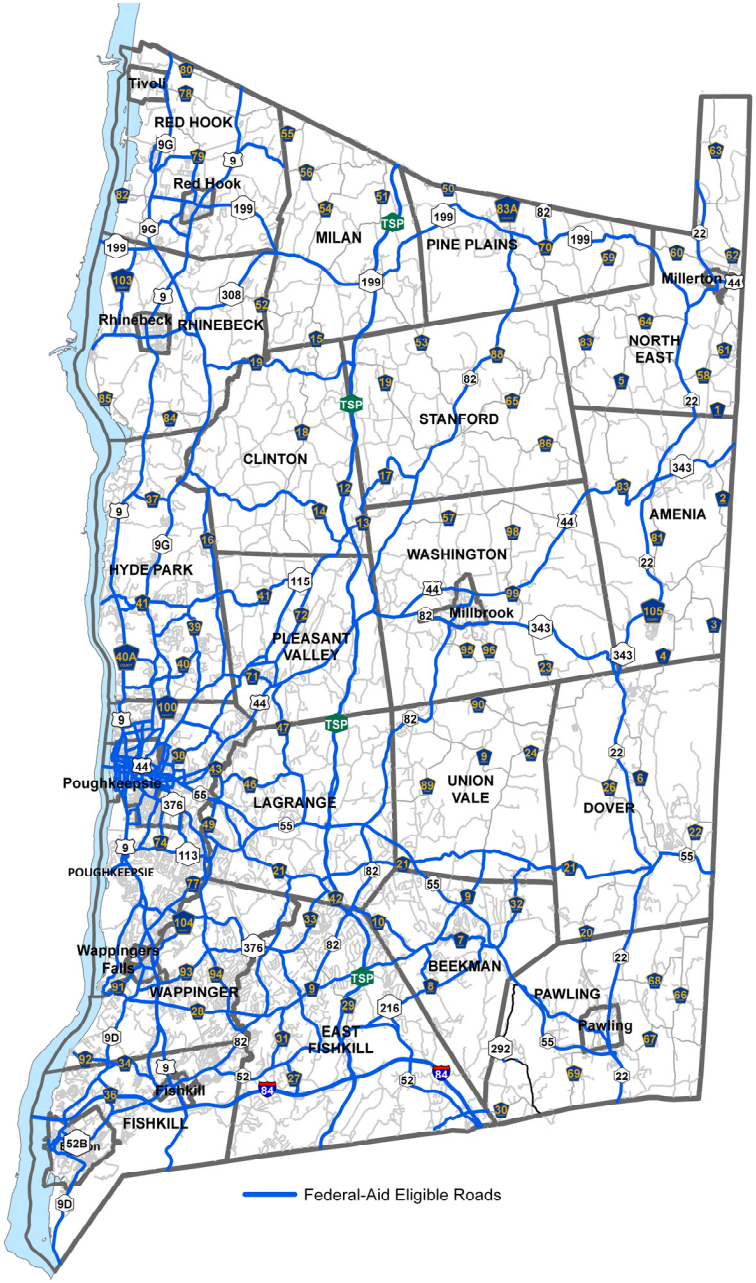


Figure 5. Federal-aid Eligible Roads in Dutchess County



Congestion Mitigation and Air Quality (CMAQ) Improvement Program

The CMAQ program provides a flexible funding source to state and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (known as non-attainment areas). Eligible projects include those that improve traffic flow, such as signal improvements, intersection improvements, and systems management and operations. On July 20, 2013, the USEPA designated Dutchess County to be in attainment for the 2008 8-hour ozone standard. As per State guidance, this prevents the use of CMAQ funds in Dutchess County.

Highway Safety Improvement Program (HSIP)

The HSIP seeks to significantly reduce traffic fatalities and serious injuries on public roads, including non-State-owned public roads. The HSIP requires a data-driven, strategic approach to improving highway safety. HSIP projects must be consistent with the State's Strategic Highway Safety Plan (SHSP) and address a highway safety problem. The federal share for most HSIP activities is 90 percent of the total project cost. HSIP eligible activities can include the following:

- An intersection safety improvement.
- Pavement and shoulder widening to remedy an unsafe condition.
- Installation of rumble strips or another warning device.
- Installation of a skid-resistant surface at an intersection or other location with a high frequency of crashes.
- An improvement for pedestrian or bicyclist safety or safety of persons with disabilities to include traffic calming.
- Construction and improvement of a railway-highway grade crossing, including installation of protective devices.
- Installation, replacement, and other improvement of highway signage and pavement markings, or a project to maintain minimum levels of retro-reflectivity.
- Installation of a traffic control or other warning device at a location with high crash potential.

STBG Set-Aside (former Transportation Alternatives Program)

The FAST Act eliminated the Transportation Alternatives Program (TAP) and replaced it with a set-aside from the STBG program. These set-aside funds include all projects and activities that were previously eligible under TAP, including pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to storm- water and habitat preservation. Eligible activities can include the following:

- Construction, planning, and design of on- and off-road trail facilities for walking, bicycling, and other non-motorized forms of transportation, as well as sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related

infrastructure, and projects to achieve compliance with the Americans with Disabilities Act of 1990 (ADA).

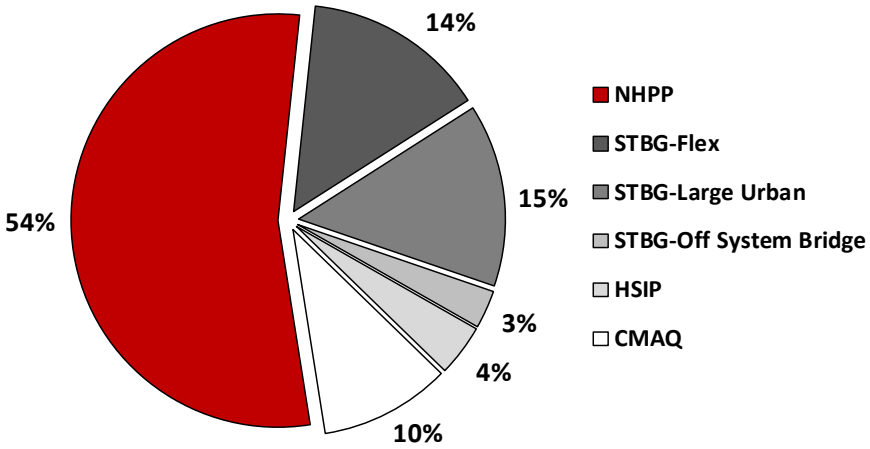
- Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities.
- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.
- Community improvement activities, including the removal of outdoor advertising and vegetation management in transportation rights-of-way.

Highway Funding Targets

Regional Highway Funding Targets

The federal Highway Trust Fund, supplemented by some general funds, provides the majority of federal highway funding to states. Most federal funding is administered by the State, which allocates the funding to urban and rural areas. For the 2017-2021 TIP, NYSDOT estimated the amount of future federal highway authorizations and then established federal funding targets for each of its eleven Regions; targets for State Dedicated Funds (SDF) funds were also included. Each Region was then tasked with sub-allocating funding targets across their areas of responsibility. NYSDOT-Region 8 received its highway funding targets in October 2015; these targets identified the amount of available funds by year and program. NYSDOT-Region 8 then used a formula to sub-allocate highway funds across its seven counties[1], which includes four MPOs: PDCTC, OCTC, UCTC, and the New York Metropolitan Transportation Council (NYMTC); the latter through the Mid-Hudson South Transportation Coordination Committee (MHSTCC), which covers Putnam, Rockland, and Westchester counties. The Region 8 formula uses population and system data such as bridge conditions and lane mileage to calculate a fair share target for each county.

Figure 6. NYSDOT-Region 8 Federal Planning Target Shares by Program (FFY 2017-2021)



The Region 8 planning target totaled over $920 million in federal and State highway funding over the five-year period from FFY 2017 through 2021. The total federal funding target was set at over $689 million (almost 75 percent of total highway funding), with the National Highway Performance Program (NHPP) accounting for over half of the total and the Surface Transportation Block Grant (STBG) program accounting for most of the remaining portion (35 percent). Figure 6 shows the percent of funding for each FHWA program

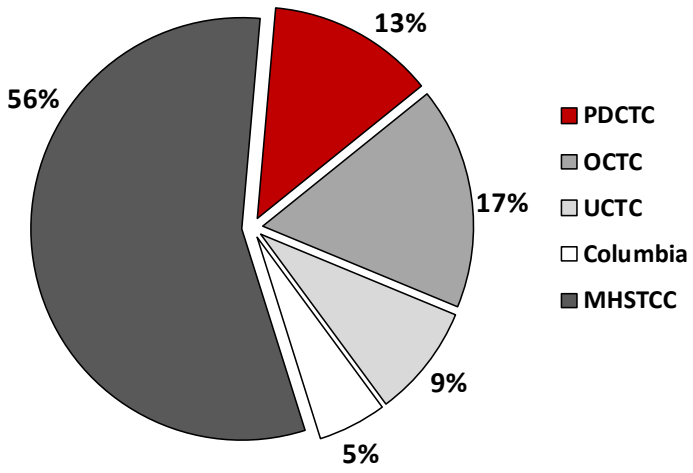
within Region 8. The State funding target was set at $231 million (25 percent of total highway funding).

When distributed across the five years, the combined federal and State funding programs established an average annual highway funding target of approximately $184 million for Region 8. Table 1 shows the Region's highway funding targets by year and program.

Local Highway Funding Targets

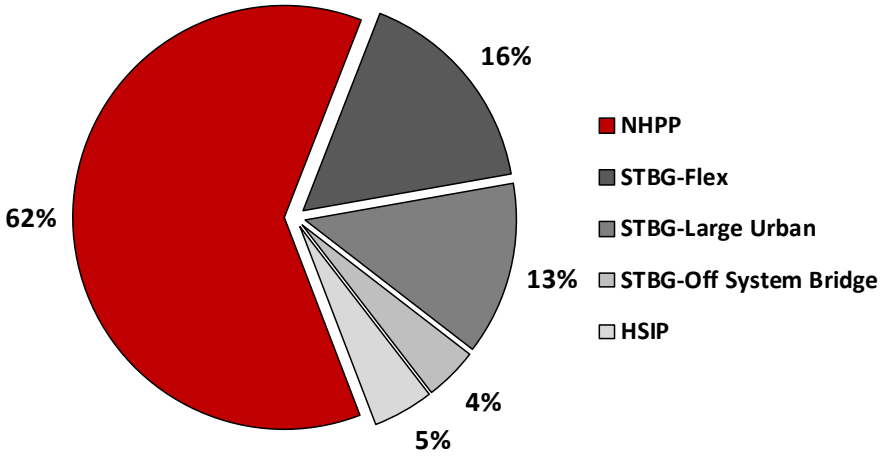
Upon receipt of the highway funding targets from the NYSDOT-Policy and Planning Division, Region 8 calculated targets based on a fairness formula to distribute funds across the four MPOs and Columbia County (see Figure 7).

Figure 7. Total FHWA Funding Target Shares by MPO/County (FFY 2017-2021)



NYSDOT-Region 8 provided each MPO with a highway funding target for their area, an estimate of available funds, and the impact of both federal and State funding constraints on existing project schedules. Table 2 shows the distribution of highway funding targets for each MPO/County by specific program, while Table 3 shows the distribution by year for the PDCTC.

Figure 8. FHWA Funding Target Shares by Program for the PDCTC (FFY 2017-2021)



For the 2017-2021 TIP, a total of $121 million in federal and State highway funds have been targeted for Dutchess County. This represents 13 percent of Region 8's total federal highway target. Similar to the regional totals, approximately 73 percent ($88.4 million) of this funding comes from federal sources, while 27 percent ($32.7 million) comes from the State. Of all the federal highway programs, the NHPP provides the highest share of total federal highway funding for the PDCTC, representing 62 percent of the Transportation Council's total

Table 1. NYSDOT-Region 8 Highway Funding Targets by Federal Fiscal Year ($-millions)

	2017	2018	2019	2020	2021	Total
Federal Funding Source						
FHWA National Highway Performance Program (NHPP)	$74.68	$74.7	$74.7	$74.7	$74.7	**$373.4**
FHWA STBG Program-FLEX	$19.68	$19.7	$19.7	$19.7	$19.7	**$98.4**
FHWA STBG Program-Large Urban	$19.7	$19.7	$19.7	$19.7	$19.7	**$98.5**
FHWA STBG Program-Off System Bridges	$4.12	$4.1	$4.1	$4.1	$4.1	**$20.6**
FHWA Highway Safety Improvement Program	$5.6	$5.6	$5.6	$5.6	$5.6	**$27.8**
FHWA Congestion Mitigation & Air Quality (CMAQ)	$14.1	$14.1	$14.1	$14.1	$14.1	**$70.4**
Total Federal Funds	**$137.8**	**$137.8**	**$137.8**	**$137.8**	**$137.8**	**$689.1**
State Dedicated Funds	**$46.3**	**$46.3**	**$46.3**	**$46.3**	**$46.3**	**$231.3**
Total Federal & State Funding	**$184.1**	**$184.1**	**$184.1**	**$184.1**	**$184.1**	**$920.5**

Table 2. NYSDOT-Region 8 Highway Funding Targets by MPO/County (FFY 2017-2021) ($-millions)

	PDCTC	OCTC	UCTC	Columbia	MHSTCC[1]	Total
Federal Funding Source						
FHWA National Highway Performance Program (NHPP)	$54.6	$66.0	$39.0	$24.5	$189.3	**$373.4**
FHWA STBG Program-FLEX	$14.4	$17.4	$10.3	$6.5	$49.8	**$98.4**
FHWA STBG Program-Large Urban	$11.7	$9.9	$1.5	$0.0	$75.4	**$98.5**
FHWA STBG Program-Off System Bridges	$3.6	$3.9	$5.9	$3.5	$3.7	**$20.6**
FHWA Highway Safety Improvement Program	$4.1	$4.9	$2.9	$1.8	$14.1	**$27.8**
FHWA Congestion Mitigation & Air Quality (CMAQ)	$0.0	$15.1	$0.0	$0.0	$55.3	**$70.4**
Total Federal Funds	**$88.4**	**$117.2**	**$59.6**	**$36.3**	**$387.6**	**$689.1**
State Dedicated Funds	**$32.7**	**$40.8**	**$21.6**	**$13.9**	**$122.3**	**$231.3**
Total Federal & State Funding	**$121.1**	**$158.0**	**$81.2**	**$50.2**	**$509.9**	**$920.5**

[1] Mid-Hudson South Transportation Coordination Committee includes Putnam, Rockland, and Westchester counties.

Table 3. PDCTC Highway Planning Targets by Federal Fiscal Year (FFY 2017-2021) ($-millions)

	2017	2018	2019	2020	2021	Total
Federal Funding Source						
FHWA National Highway Performance Program (NHPP)	$10.9	$10.9	$10.9	$10.9	$10.9	**$54.6**
FHWA STBG Program-FLEX	$2.9	$2.9	$2.9	$2.9	$2.9	**$14.4**
FHWA STBG Program-Large Urban	$2.3	$2.3	$2.3	$2.3	$2.3	**$11.7**
FHWA STBG Program-Off System Bridges	$0.7	$0.7	$0.7	$0.7	$0.7	**$3.6**
FHWA Highway Safety Improvement Program	$0.8	$0.8	$0.8	$0.8	$0.8	**$4.1**
Total Federal Funds	**$17.7**	**$17.7**	**$17.7**	**$17.7**	**$17.7**	**$88.4**
State Dedicated Funds	**$6.5**	**$6.5**	**$6.5**	**$6.5**	**$6.5**	**$32.7**
Total Federal & State Funding	**$24.2**	**$24.2**	**$24.2**	**$24.2**	**$24.2**	**$121.1**

Table 4. Poughkeepsie-Newburgh Urbanized Area Transit Funding Targets by Federal Fiscal Year ($-millions)

	2017	2018	2019	2020	2021	Total
Poughkeepsie-Newburgh Urbanized Area						
FTA Section 5307/5340 (Urbanized Area) Program	$21.2	$21.2	$21.2	$21.2	$21.2	**$106.2**
FTA Section 5310 (Elderly & Disabled) Program	$1.4	$1.4	$1.4	$1.4	$1.4	**$7.2**
FTA Section 5337 (State of Good Repair) Program	$5.1	$5.1	$5.1	$5.1	$5.1	**$25.3**
FTA Section 5339 (Bus & Bus Facilities) Program	$2.1	$2.1	$2.1	$2.1	$2.1	**$10.3**
Total Estimated Allocation	**$29.8**	**$29.8**	**$29.8**	**$29.8**	**$29.8**	**$149.0**

allocation. Figure 8 shows the shares of federal highway funding targets by program for the Council.

The funding targets support both State and locally sponsored highway projects located in Dutchess County, as well as routine, multi-county maintenance projects that benefit more than just Dutchess County (e.g. bridge painting, guiderail replacement, and drainage projects). For the five-year program, these targets establish an average annual funding target of approximately $24.2 million.

Transit Programs

The FAST Act re-establishes a variety of funding programs that support transit operations, improve safety, and maintain a state of good repair. The FAST Act emphasizes the restoration of public transportation infrastructure by establishing a new needs-based formula program and new asset management requirements. In addition, it establishes performance-based planning requirements that align federal funding with key goals and tracks progress towards these goals. Finally, the FAST Act improves the efficiency of administering grant programs by consolidating several programs and streamlining capital investments. The various federal transit funding programs are outlined below.

<u>FTA Section 5307 (Urbanized Area)/5340 (High Density and Growing States) Formula Programs</u>

The largest of FTA's grant programs, these two programs provide grants to urbanized areas in support of public transportation capital purchases and operations. Funding is distributed by a formula based on the level of transit service, population, and other factors. FTA Section 5307/5340 funds are not subject to the coordinated planning process requirement, nor do they require a competitive solicitation.

The FTA Section 5307/5340 program supports a wide variety of capital projects associated with providing public transit services in an urbanized area, whether by public bus operators, commuter rail operators, or private operators under contract with a public entity. Under the Section 5307/5340 program, the federal share is 80 percent for capital assistance. Eligible capital expenses include the following:

1. Replacement of buses and bus fleet expansions.
2. Purchase and installation of service and support equipment such as mobile radio units, bus stop signs, support vehicles, fare boxes, computers, and garage equipment.
3. Construction of maintenance facilities, intermodal terminals, bus shelters, and rail stations.
4. The introduction of new technology into public transportation, through innovative and improved products.
5. Capital support equipment, including computer hardware, software, bus diagnostic equipment, and other equipment that enhances operating efficiency.

Public transit operators may also use FTA Section 5307/5340 funding to offset costs incurred in operating their respective transit system (i.e. operating assistance). Under the Section

5307/5340 program, the federal share for operating assistance is 50 percent. FTA Section 5307/5340 funds may also support transit planning activities and employee training.

FTA Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities) Program

This program provides formula funding to increase the mobility of seniors and persons with disabilities, primarily through the purchase of vehicles for use by non-profit human service agencies. Funds are apportioned based on each State's share of eligible populations and are apportioned to States for areas with fewer than 200,000 people and to TMAs for urbanized areas with more than 200,000 people. The former New Freedom program (FTA Section 5317), which provided grants for services for individuals with disabilities that went above and beyond the requirements of the Americans with Disabilities Act (ADA), is folded into this program. To be selected for funding, projects must be included in a locally developed coordinated public transit-human services transportation plan.

FTA Section 5337 (State of Good Repair) Program

This program provides funding for the repair and upgrade of rail transit systems, along with high-intensity bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT). Projects are limited to replacement and rehabilitation, or capital projects required to maintain public transportation systems in a state of good repair. Projects must be included in a transit asset management plan to receive funding. The federal share for this program is 80 percent.

FTA Section 5339 (Bus and Bus Facilities) Program

This formula grant program provides funding to replace, rehabilitate, and purchase buses and related equipment, and to construct bus-related facilities. Each urbanized area is allocated funds based on their share of the national allocation. The federal share for this program is 80 percent.

Transit Funding Targets

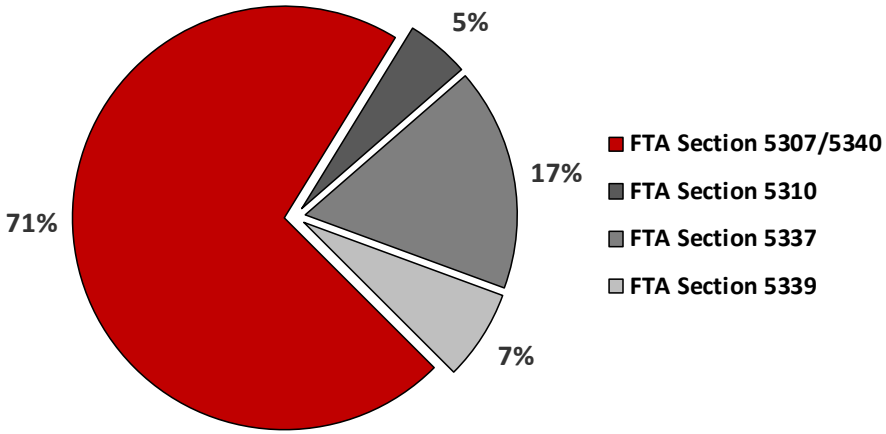
Regional Transit Funding Targets

FTA funds are apportioned to the Poughkeepsie-Newburgh Urbanized Area as a whole, based on statistics reported by each designated recipient through the National Transit Database (NTD). The FTA apportionment does not directly allocate transit funding to designated recipients or transit operators; instead, this responsibility rests with the three MPOs of the Mid-Hudson Valley TMA, assisted by the NYSDOT-Public Transportation Bureau.

The NYSDOT-Public Transportation Bureau provided the Mid-Hudson Valley TMA with estimates of future transit funding targets in October 2015. The funding estimates included targets for four transit programs: the FTA Section 5307 (Urbanized Area) Program, FTA Section 5310 (Elderly & Disabled) Program, FTA Section 5337 (State of Good Repair) Program, and FTA Section 5339 (Bus & Bus Facilities) Program.

The combined five-year target for all of these programs totals $149 million for the TMA, or $29.8 million annually. The Section 5307 program makes up the majority of this funding (71 percent). Table 4 shows regional transit funding estimates by program and fiscal year (see also Figure 9).

Figure 9. FTA Funding Target Shares by Program for the Mid-Hudson Valley TMA (FFY 2017-2021)



Local Transit Funding Targets

Local transit funding targets were calculated by taking the regional TMA estimates and determining what amounts would likely be sub-allocated by the Transportation Council to its three designated recipients: Dutchess County Public Transit (DCPT) system, City of Poughkeepsie, and the Metropolitan Transportation Authority (MTA). The Transportation Council determined these amounts by reviewing past sub-allocations from 2013-2015 and calculating the average percentage of TMA-wide funding that was allocated to its three designated recipients. This share or sub-allocation rate was then applied to the TMA funding targets for each program on an annual basis. For example, during the three-year period, Dutchess County Public Transit received 6.4 percent of the Section 5307 funding allocated to the TMA each year. This annual allocation rate was then applied to the $21.2 million in 5307 funds expected to be available to the TMA, which produced an annual target of approximately $1.4 million for Dutchess County Public Transit.

Based on these calculations, the Transportation Council estimates that a total of $24.2 million in FTA Section 5307 and $4.4 million in FTA Section 5339 will be available to the three transit operators in Dutchess County from FFY 2017-2021; approximately 60 percent of Section 5307 funds will support commuter rail service in Dutchess County, while the remaining 40 percent will support bus operations. In addition, the MTA is estimated to receive approximately $25.3 million in Section 5337 funding, which is dedicated to maintaining fixed-guideway facilities. The Poughkeepsie-Newburgh Urbanized Area is also expected to receive a total of $7.2 million in FTA Section 5310 funds over the five-year period (see Table 4). Table 5 shows the estimated sub-allocation of FTA Section 5307 funds to the three local designated recipients, while Table 6 shows the estimated sub-allocation of FTA Section 5339 funds.

Programmed Funding

The 2017-2021 TIP directly programs almost $86 million in federal transportation funding in Dutchess County, with $32

Table 5. FTA Section 5307/5340 Funding Estimates for Local Designated Recipients ($-millions) (FFY 2017-2021)

	2017	2018	2019	2020	2021	Total
Designated Recipient Suballocation						
Dutchess County[1]	$1.4	$1.4	$1.4	$1.4	$1.4	**$6.8**
City of Poughkeepsie[1]	$0.6	$0.6	$0.6	$0.6	$0.6	**$2.9**
Metropolitan Transportation Authority (MTA)[2]	$2.9	$2.9	$2.9	$2.9	$2.9	**$14.5**
Total Estimated Allocation	**$4.8**	**$4.8**	**$4.8**	**$4.8**	**$4.8**	**$24.2**

[1] Dutchess County and City of Poughkeepsie suballocations subject to change based on ridership.

[2] MTA suballocation programmed for projects in TMA.

Table 6. FTA Section 5339 Funding Estimates for Local Designated Recipients ($-millions) (FFY 2017-2021)

	2017	2018	2019	2020	2021	Total
Designated Recipient Suballocation[1]						
Dutchess County	$0.8	$0.8	$0.8	$0.8	$0.8	**$3.8**
City of Poughkeepsie	$0.1	$0.1	$0.1	$0.1	$0.1	**$0.6**
Total Estimated Allocation	**$0.9**	**$0.9**	**$0.9**	**$0.9**	**$0.9**	**$4.4**

[1] Dutchess County and City of Poughkeepsie suballocations subject to change based on ridership.

million for highway projects and $53.8 million for transit projects. In addition to core programs, the 2017-2021 TIP also includes funding from other federal non-transportation agencies and direct congressional authorizations (e.g. earmarks), which are classified as discretionary federal-aid and High Priority Projects (HPP), the latter stem from earmarks approved in 2005. Table 7 shows the distribution of programmed highway and transit funding in Dutchess County by Federal Fiscal Year. Figure 10 shows the locations of TIP projects with phases scheduled between FFY 2017-2021.

In addition to projects located solely in Dutchess County, the 2017-2021 TIP includes multi-county projects that support routine maintenance across the seven counties in NYSDOT-Region 8. These projects include traffic signal replacements, highway sign improvements, guiderail maintenance, culvert replacements, and pavement marking initiatives that will partially benefit Dutchess County. The TIP also includes non-federally funded projects for two regional authorities: MTA/Metro-North Railroad and the NYS Bridge Authority. These are included for information purposes only and are not subject to Transportation Council approval.

Financial Constraint Analysis

The FAST Act requires that the TIP be financially constrained by using estimates of current and reasonably available revenues to program future projects. The financially constrained TIP must also demonstrate that the federally supported transportation system is being adequately operated and maintained. Financial constraint applies to each fiscal

Figure 10. FFY 2017-2021 TIP Projects

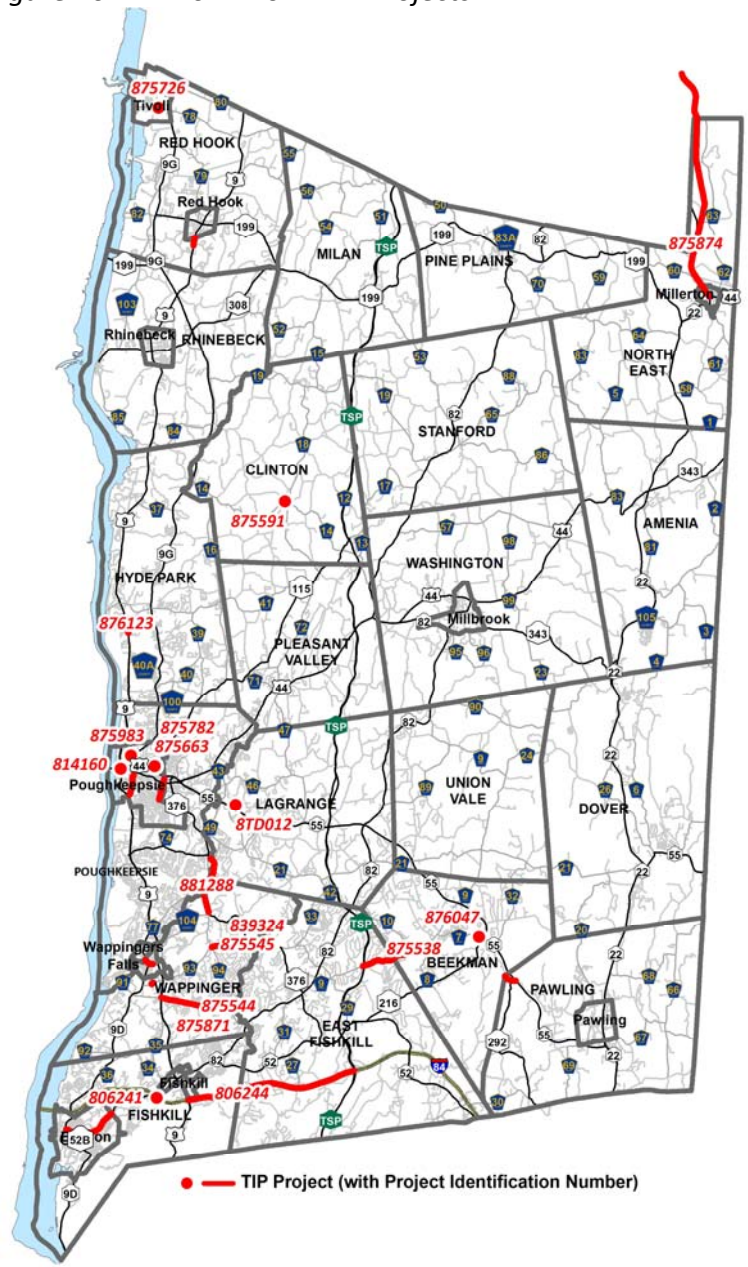


Table 7. Programmed Federal Transportation Funding in Dutchess County ($-millions) (FFY 2017-2021)

Federal Highway Administration (FHWA)	**2017**	**2018**	**2019**	**2020**	**2021**	**Total**
FHWA National Highway Performance Program	$1.3	$0.0	$0.0	$0.0	$0.0	**$1.3**
FHWA STBG Program-FLEX	$4.4	$8.2	$0.2	$0.3	$0.0	**$13.0**
FHWA STBG Program-Large Urban	$0.1	$0.0	$6.3	$1.8	$0.0	**$8.2**
FHWA STBG Program-Off System Bridges	$0.0	$0.0	$0.0	$0.6	$0.0	**$0.6**
FHWA Highway Safety Improvement Program	$3.5	$1.7	$0.0	$0.0	$0.0	**$5.2**
Discretionary Federal-aid[1]	$2.6	$0.8	$0.4	$0.0	$0.0	**$3.7**
Total FHWA Funding	$11.8	$10.6	$6.8	$2.6	$0.0	**$32.0**
Federal Transit Administration (FTA)	**2017**	**2018**	**2019**	**2020**	**2021**	**Total**
FTA Section 5307/5340 (Urbanized Area) Program	$6.6	$3.6	$2.8	$4.1	$4.9	**$22.1**
FTA Section 5310 (Elderly & Disabled) Program	$0.3	$0.3	$0.3	$0.3	$0.3	**$1.6**
FTA Section 5337 (State of Good Repair) Program	$5.1	$5.1	$5.1	$5.1	$5.1	**$25.3**
FTA Section 5339 (Bus & Bus Facilities) Program	$2.1	$0.0	$0.0	$0.6	$2.1	**$4.9**
Total FTA Funding	$14.1	$9.0	$8.2	$10.1	$12.4	**$53.8**
Total Federal Funding	**$25.9**	**$19.6**	**$15.0**	**$12.8**	**$12.5**	**$85.8**

[1] Discretionary Federal-aid includes High Priority Projects and former Transportation Alternatives Progam (TAP).

year, though exceptions are allowed if other federal funds are available to compensate for shortages in a program.

Since a significant amount of federal funding is used on multi-county, system-wide projects, the Transportation Council determined fiscal constraint for both NYSDOT-Region 8 and the PDCTC combined. Collectively, the four TIPs that make up Region 8's program (MHSTCC, OCTC, PDCTC, and UCTC), plus Columbia County, are not completely constrained, showing an overall shortfall of $99 million in federal funding. For FHWA funding, shortfalls exist in the CMAQ, HSIP, NHPP, and STBG-Large Urban programs across Region 8; for FTA funding, shortfalls exist in the FTA Section 5307 and 5339 programs. Table 8 shows the federal funding targets for the five-year TIP period compared with the amounts programmed by the Transportation Council and NYSDOT-Region 8.

As required by NYSDOT guidance, the fiscal constraint analysis must specifically address the four-year STIP period (2017-2020). Across the seven county Region, there is a $123 million shortfall in federal highway funding, which represents 17.8 percent of the entire program. The HSIP, NHPP, STBG-Large Urban, and CMAQ funding programs are over-programmed, with the latter showing a significant shortfall. However, this assumes that all projects and phases will be obligated (i.e. spent) in the year programmed. This is unrealistic given the complexities associated with completing federally funded projects, which is greatly affected by local experience with the federal-aid process. In acknowledgment of this situation, the FHWA has issued a national obligation goal of 75 percent for construction phases. Using this obligation rate, the Transportation Council estimates that adequate federal funds will be available across Region 8 to carry out the STIP and TIP. Table 9 compares programmed funding by year and program for NYSDOT-Region 8.

Table 10 shows a similar comparison for the Transportation Council's program, showing programmed funding in relation to the planning targets for the STIP period. As a whole the PDCTC is under-programmed: primarily in the NHPP program, which is dedicated to the NYSDOT-controlled NHS system. Showing a balance of $42.6 million for the STIP period, the Transportation Council's program is fiscally constrained; although there are minor shortfalls in the STP-Flex and HSIP programs, these are offset by balances in the other FHWA programs.

Environmental Mitigation

Project sponsors address environmental impacts at the planning- and project-level through the implementation of NEPA and SEQRA regulations and the development of Context Sensitive Solutions (CSS), which ensure that projects are consistent with community objectives and preserve environmental, scenic, aesthetic, historic, and natural resource values of the area in which they are located.

Though environmental mitigation is normally incorporated into the design of a project or the selection of design alternatives, it can also take the form of a stand-alone project that is intended to offset or replace a certain environmental function(s) that was lost when a transportation project is

Table 8. Overall Fiscal Constraint ($-millions) (FFY 2017-2021) [1]

	Funding Targets (FFY 2017-2021)			Total Programmed (FFY 2017-2021)			Balance
Federal Highway Administration (FHWA)	**PDCTC**	**NYSDOT[2]**	**Total**	**PDCTC**	**NYSDOT[2]**	**Total**	
FHWA National Highway Performance Program	$54.6	$318.8	$373.4	$1.3	$403.8	$405.1	-$31.7
FHWA STBG Program-FLEX	$14.4	$84.0	$98.4	$13.0	$84.6	$97.6	$0.8
FHWA STBG Program-Large Urban	$11.7	$86.8	$98.5	$8.2	$105.0	$113.2	-$14.6
FHWA STBG Program-Off System Bridges	$3.6	$17.0	$20.6	$0.6	$13.6	$14.2	$6.4
FHWA Highway Safety Improvement Program	$4.1	$23.7	$27.8	$5.2	$26.5	$31.7	-$3.9
FHWA Congestion Mitigation & Air Quality (CMAQ)	$0.0	$70.4	$70.4	$0.0	$150.4	$150.4	-$80.0
Total	$88.4	$600.8	$689.2	$28.3	$784.0	$812.2	-$123.0
Federal Transit Administration (FTA)	**PDCTC**	**MHVTMA[3]**	**Total**	**PDCTC**	**MHVTMA[3]**	**Total**	**Balance**
FTA Section 5307/5340 (Urbanized Area) Program	$24.2	$82.0	$106.2	$22.1	$91.9	$114.0	-$7.9
FTA Section 5310 (Elderly & Disabled) Program	$1.6	$7.2	$8.8	$1.6	$0.6	$2.2	$6.6
FTA Section 5337 (State of Good Repair) Program	$25.3	$25.3	$50.6	$25.3	$0.0	$25.3	$25.3
FTA Section 5339 (Bus & Bus Facilities) Program	$4.4	$5.9	$10.3	$4.9	$5.6	$10.4	-$0.2
Total	$55.5	$120.4	$175.9	$53.8	$98.1	$152.0	$23.9
Total Federal Funding	**$143.9**	**$721.2**	**$865.1**	**$82.1**	**$882.1**	**$964.2**	**-$99.1**

[1] Only includes fiscally constrained programs.

[2] Includes NYSDOT-Region 8 sponsored multi-county projects located in Dutchess County.

[3] FTA funds shown for the Poughkeepsie-Newburgh Urbanized Area (UZA89). Programmed funds include pre-FFY 2016 FTA allocations that do not count against FFY 2017-2021 funding targets.

Table 9. NYSDOT-Region 8 Fiscal Constraint for FHWA Programs ($-millions) (FFY 2017-2020 STIP)

	2017			2018			2019			2020			Total		
FHWA Programs	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance
FHWA National Highway Performance Program	$74.7	$123.2	-$48.5	$74.7	$77.6	-$2.9	$74.7	$72.2	$2.4	$74.7	$68.9	$5.8	$298.7	$342.0	-$43.2
FHWA STBG Program-FLEX	$19.7	$20.7	-$1.1	$19.7	$26.9	-$7.3	$19.7	$20.1	-$0.4	$19.7	$19.8	-$0.1	$78.7	$87.5	-$8.8
FHWA STBG Program-Large Urban	$19.7	$26.9	-$7.2	$19.7	$18.2	$1.5	$19.7	$27.0	-$7.3	$19.7	$19.1	$0.6	$78.8	$91.3	-$12.4
FHWA STBG Program-Off System Bridges	$4.1	$4.6	-$0.5	$4.1	$0.9	$3.2	$4.1	$3.9	$0.2	$4.1	$3.7	$0.4	$16.5	$13.2	$3.3
FHWA Highway Safety Improvement Program	$5.6	$17.5	-$11.9	$5.6	$5.2	$0.4	$5.6	$2.9	$2.7	$5.6	$3.2	$2.3	$22.3	$28.8	-$6.6
FHWA Congestion Mitigation & Air Quality (CMAQ)	$14.1	$46.2	-$32.1	$14.1	$22.0	-$7.9	$14.1	$40.9	-$26.9	$14.1	$14.3	-$0.2	$56.3	$123.4	-$67.0
Total FHWA Funding	$137.8	$239.1	-$101.2	$137.8	$150.9	-$13.1	$137.8	$167.1	-$29.3	$137.8	$129.1	$8.8	$551.4	$686.2	-$134.8

Table 10. PDCTC Fiscal Constraint for FHWA Programs ($-millions) (FFY 2017-2020 STIP)

	2017			2018			2019			2020			Total		
FHWA Programs	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance	Target	Programmed	Balance
FHWA National Highway Performance Program[1]	$10.9	$1.3	$9.7	$10.9	$0.0	$10.9	$10.9	$0.0	$10.9	$10.9	$0.0	$10.9	$43.7	$1.3	$42.4
FHWA STBG Program-FLEX	$2.9	$4.4	-$1.5	$2.9	$8.2	-$5.3	$2.9	$0.2	$2.7	$2.9	$0.3	$2.6	$11.5	$13.0	-$1.5
FHWA STBG Program-Large Urban	$2.3	$0.1	$2.3	$2.3	$0.0	$2.3	$2.3	$6.3	-$4.0	$2.3	$1.8	$0.6	$9.4	$8.1	$1.2
FHWA STBG Program-Off System Bridges	$0.7	$0.0	$0.7	$0.7	$0.0	$0.7	$0.7	$0.0	$0.7	$0.7	$0.6	$0.2	$2.9	$0.6	$2.3
FHWA Highway Safety Improvement Program	$0.8	$3.5	-$2.7	$0.8	$1.7	-$0.9	$0.8	$0.0	$0.8	$0.8	$0.0	$0.8	$3.3	$5.2	-$2.0
Total FHWA Funding	$17.7	$9.3	$8.4	$17.7	$9.9	$7.8	$17.7	$6.5	$11.2	$17.7	$2.6	$15.1	$70.7	$28.2	$42.5

[1] Note: the majority of NHPP funds are programmed for multi-county, regional maintenance projects sponsored by NYSDOT-Region 8, which makes it difficult to determine the amount programmed to the PDCTC.

constructed. Examples include storm water management facilities, wetland replacement projects, stream restoration projects, reforestation projects, construction of sound walls, replacement of parklands, and wildlife crossing structures. Environmental mitigation measures can be funded with federal, state, and local monies. From the federal standpoint, such activities can be part of a project's construction cost (normal federal-aid monies) or can be supported with FHWA funding for stand-alone projects.

Energy Analysis

Though the TIP is primarily a capital program of transportation projects, it must also address the impacts that projects will have on air quality and the local environment. Energy use in transportation is a combination of distance traveled (e.g. vehicle miles traveled) and fuel efficiency (e.g. miles per gallon). Reducing the amount of energy used for transportation can be accomplished by reducing miles traveled, increasing the number of people in a vehicle, increasing the fuel efficiency of vehicles, and reducing delay created by congestion.

The NYS Energy Plan examines a number of different actions that could reduce total fuel consumption and/or increase use of renewable or alternative energy sources. Actions that hold some promise for Dutchess County include:

1. Infrastructure maintenance.
2. Maintenance of local transit services.
3. New bicycling and walking facilities.
4. Alternative fuels for local transit vehicles.
5. Intelligent Transportation Systems (ITS) projects – signal improvements, travel information services or facilities.
6. Transportation Demand Management (TDM) activities – carpool programs, park and ride facilities, and inter-county bus and ferry services.

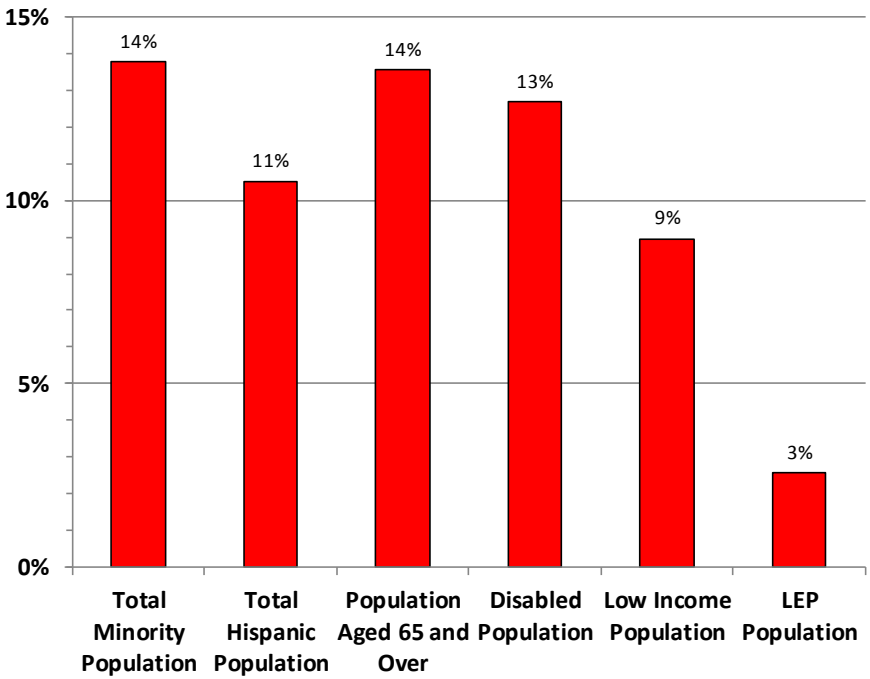
These activities are included among the goals and recommended projects in *Moving Dutchess 2* and the 2017-2021 TIP, and will assist Dutchess County and the State in achieving the goals of the NYS Energy Plan.

Title VI & Environmental Justice

As a recipient of federal funding, the Transportation Council must demonstrate its compliance with Title VI of the Civil Rights Act of 1964 and the Environmental Justice provisions set forth in Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,* signed in 1994. Title VI prohibits discrimination by recipients of federal financial assistance, including federal transportation funds, on the basis of race, color, and national origin, or matters related to language access for Limited English Proficient (LEP)[2] persons; Environmental Justice builds upon this by adding low income populations to the groups that should be protected from the adverse impacts of federally funded actions.[3] The Transportation Council assures that no person conducting business with it will be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination on the grounds of race, color, national origin, sex, disability, age, language, or income.

Identifying the locations of minority, low income, and LEP populations is an important step in complying with Title VI and Environmental Justice requirements. The Transportation Council relied on guidance from the FTA to identify these populations.[4] For the Title VI and Environmental Justice analysis, the Transportation Council used 2010 Census data to identify block groups that were above-average for total minority and Hispanic populations, and the Census Bureau's 2010-2014 American Community Survey (ACS) 5-year Estimate to identify municipalities with above average low-income and LEP populations. Figure 11 shows Title VI and Environmental Justice populations as a percent of total county population.

Figure 11. Title VI & Environmental Justice Populations as a Percentage of Total County Population (2010)



population by summing the Black/African-American, Asian, American Indian/Alaskan Native, and Native Hawaiian/Pacific Islander populations. In 2010 the county had a total minority population of 40,956 people, which was 13.8 percent of the county's total population. Using this average, 66 of 248 block groups were identified as being above-average for minority population. The cities of Beacon and Poughkeepsie, towns of Hyde Park, Fishkill, Poughkeepsie, and Wappinger, and Villages of Fishkill and Wappingers Falls contained block groups that were above average for total minority population. Figure 12 shows the 2010 Census block groups that had an above-average percentage of minorities.

Hispanic Population

The Transportation Council calculated total Hispanic population by analyzing the Hispanic non-white population. In 2010 the county had a total Hispanic population of 31,267 people, which was 10.5 percent of the county's total population. Using this average, 79 of 248 block groups were identified as being above-average for Hispanic population. The cities of Beacon and Poughkeepsie, towns of Amenia, Beekman, Dover, Hyde Park, Fishkill, Pawling, Poughkeepsie, and Wappinger, and villages of Fishkill, Millerton, Pawling, and Wappingers Falls contained block groups that were above average for total Hispanic population. Figure 13 shows 2010 Census Block Groups that had an above-average percentage of Hispanics.

Figure 12. Census Block Groups Above-Average for Total Minority Population (2010 Census)

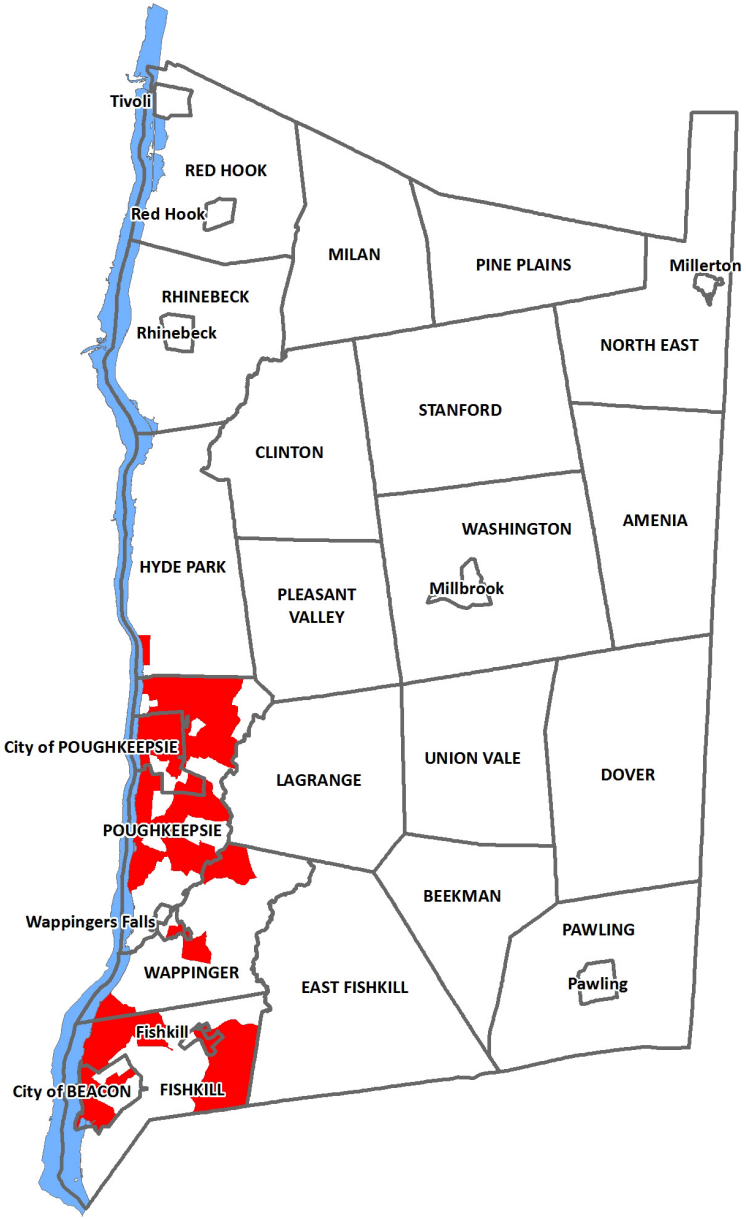


Figure 13. Census Block Groups Above-Average for Total Hispanic Population (2010 Census)

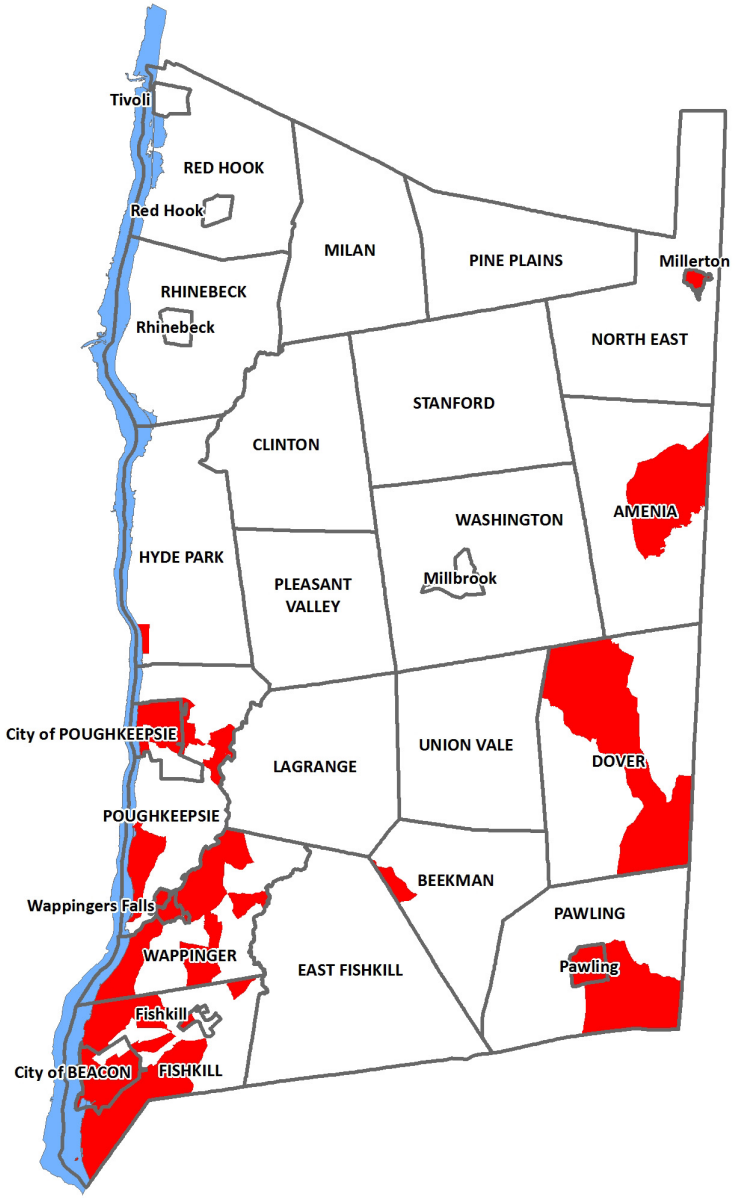


Figure 14. Municipalities Above-Average for Low Income Population (U.S. Census 2010-2014 ACS 5-year Estimate)

Figure 15. Municipalities Above-Average for Limited English Proficiency (LEP) Households (U.S. Census 2010-2014 ACS 5-year Estimate)

Low-Income Population

The Transportation Council identified low-income population areas using the estimated percent of the population living below poverty at the municipal level. Based on the Census Bureau's 2010-2014 ACS 5-year Estimates, 22,800 to 26,800 individuals in Dutchess County were living below the poverty level (approximately 8.1-9.5 percent of total population). These ranges represent the lower and upper bounds based on the reported margins of error for each estimate. Regardless, these numbers are higher than those reported in the 2000 Census, which found that 19,900 or 7.5 percent of the county's population was living in poverty.

For the Title VI and Environmental Justice analysis, the Transportation Council identified municipalities that had above average percentages of low income populations, defined as the percent of individuals below the poverty level, compared to the county average. The percentages were calculated as ranges (lower and upper bounds) that incorporated the reported margins of error for each municipality. Municipalities that had a lower bound above 9.5 percent were classified as being above-average for low-income population. The Council identified the City of Poughkeepsie (at 20.6-26.6 percent) as the only municipality that was above average for low income population, and it stands out as well above the county average. Figure 14 shows municipalities that are above average for low income population.

Limited English Proficiency (LEP) Population

The Transportation Council identified Limited English Proficiency (LEP) populations using the estimated number of LEP households in each municipality. Based on the Census Bureau's 2010-2014 ACS 5-year Estimates, 2.9 to 3.5 percent of the county's households were limited English speaking; this range represents the lower and upper bounds based on the estimate's margin of error (+/- 0.3 percent). Similar ranges were calculated at the municipal level based on the margins of error for each municipality. Those municipalities with a lower-bound above 3.5 percent were classified as being above-average for LEP households. Using this methodology, the cities of Beacon and Poughkeepsie had above-average percentages of LEP households. Figure 15 shows municipalities that are above average for LEP households.

Title VI & Environmental Justice Analysis

In order to assess the distribution of transportation investments across Dutchess County, projects programmed in the 2017-2021 TIP were overlaid against the map of minority and low income populations. Only those projects with a specific geographic location were mapped, with the majority being local highway projects. Few transit projects were mapped, since many of these involve vehicle purchases or preventive maintenance activities; system-wide highway maintenance projects such as lane striping and repaving were also not included, because they do not have a specific location. Although not comprehensive, the analysis does show the relation of those highway projects with a known location

to areas with above-average minority, Hispanic, low income, and LEP populations.

The analysis showed that over 87 percent of total funding for location-specific highway projects was located within the Transportation Council's Adjusted Urbanized Area Boundary. The analysis further indicated that 29.6 percent of mapped investment was located within block groups above average for total minority population, while over 30.6 percent was located in block groups above average for total Hispanic population. These shares are higher than each population's share of the county's total population. Similarly, 16.2 percent of mapped investment was located in areas above average for low income populations, and 44.8 percent located in areas with above average LEP populations.

The Transportation Council acknowledges that not all projects may benefit local populations and may even worsen an area's quality of life. For example, a reconstructed intersection may reduce vehicle congestion and increase traffic speeds, but it might also impede walking and bicycling if certain design features (e.g. crosswalks, pedestrian countdown timers, adequate shoulders, etc.) are not built into the project. However, quantifying such effects is difficult since many of the programmed projects have not been designed yet. The Transportation Council therefore works with project sponsors to evaluate quality of life impacts on a project-by-project basis, mindful of how a project will impact sensitive populations identified through this and future analyses. One example of this is the use of the Complete Streets Checklist that was developed by the Transportation Council in conjunction with the county's Complete Streets Committee. This checklist is intended to assist county agencies in assessing the applicability of Complete Streets elements when designing new projects or reviewing projects from external agencies or applicants.

Congestion Management Plan (CMP)

The Transportation Council, in conjunction with the OCTC and UCTC, adopted a joint CMP effective October 1, 2005. The CMP established a four step process to measure and define recurring congestion in the three counties. In accordance with the CMP, the three MPOs completed a joint progress report in June 2006 which identified the locations of moderate, heavy, and severe congestion in the region.

In 2012 the TMA further refined the CMP by completing a Travel Time Survey that gathered travel time data on major corridors in the three-county area. Using GPS, the survey measured the time it took to travel various road segments during five time periods: weekday morning, mid-day, and evening peak periods, and Saturday and Sunday peak periods. The data was used to calculate a Travel Time Index (TTI), defined as the ratio of the time it takes to travel a segment during the peak period to the time it takes to travel at free flow (traveling at the speed limit). A TTI above 1.30 was considered congested.

The 2017-2021 TIP includes four projects located on or near locations that have a TTI above 1.30 (i.e. congested):

1. PIN 806244: I-84 Intelligent Transportation System (ITS) improvements from Route 9D to the Taconic State Parkway (Towns of East Fishkill and Fishkill).
2. PIN 814160: Route 9/44/55 interchange scoping study (City of Poughkeepsie).
3. PIN 839324: Route 376 at Lake Walton Rd./Robinson Ln. intersection (Town of East Fishkill).
4. PIN 881288: Route 376 special surface treatment from Hackensack Heights Rd. to Red Oaks Mill Rd. (Towns of LaGrange and Wappinger).

Public Involvement

The Transportation Council provides citizens, private organizations, and public agencies with the opportunity to participate and comment on its products, including the 2017-2021 TIP. These opportunities range from participating at Council and Planning Committee meetings, submitting written comments, or communicating directly with Transportation Council staff. All Council meetings are open to the public and have time reserved for public participation.

As required by its Public Participation Plan, the Transportation Council held a 30-day public comment period for the Draft 2017-2021 TIP. The formal public comment period began on May 26, 2016 and ended on June 24, 2016. A public meeting was held on June 15, 2016, with a public announcement distributed to the Transportation Council's public information list. The Draft TIP was also posted on the Transportation Council website at: www.dutchessny.gov/pdctc.htm.

Transportation Council Adoption

The Transportation Council approved the 2017-2021 TIP on June 30, 2016. It was then transmitted to NYSDOT for inclusion in the Draft STIP, which also includes the TIPs from the thirteen other New York State MPOs and the capital programs for the State's rural counties. NYSDOT will then submit the STIP to FHWA and FTA for their review. The TIP update will be complete upon FHWA and FTA approval.

Future Revisions

The 2017-2021 TIP will need to be revised based on changing priorities, project schedules, and costs. Revisions to the TIP are classified as either Amendments or Administrative Modifications. Each has a different approval process based on criteria adopted by the Transportation Council.

Amendment

An Amendment is a revision that involves a major change to a project, including the addition or deletion of a project or a major change in design concept or scope, cost, or the project/project phase initiation date. Examples of an amendment action include:

- Addition or removal of a transportation project funded by the FHWA or FTA.
- Addition of a Construction or Construction Inspection phase to an existing FHWA project.

- Funding increase or decrease of more than 25 percent of the total federal share for a FHWA or FTA funded project.
- Change from non-federal to FHWA or FTA fund source, regardless of amount.
- Deferring an existing FHWA or FTA funded project or project phase beyond the four-year STIP period.
- Promoting a FHWA or FTA funded project or project phase from the post-STIP period into the four-year STIP.

Amendments require public review and comment (15 days) and Transportation Council approval.

Administrative Modification

An Administrative Modification is a revision that includes minor changes to project or project phase costs, funding sources for previously-approved projects, or phase initiation dates. An administrative modification does not require public review or Transportation Council approval. Administrative Modifications are usually requested by the project sponsor to the Local Projects Unit of NYSDOT-Region 8, which then notifies the Transportation Council of the action. NYSDOT or another transportation agency may also inform the Council of changes in the scope, cost, or schedule of non-federally funded projects, which are listed on the TIP for information purposes only.

To keep the TIP financially constrained as an Amendment or Administrative Modification is processed, a project sponsor must identify an offset from another project to make up for the requested cost increase or schedule change. The search for an offset begins with the sponsoring agency; if no offset is available from the sponsor's projects, offsets are explored from other sponsors, and if necessary, from the Region or State.

Annual Listing of Obligated Projects

To track the progress of projects, the Council publishes an Annual Listing of Obligated Projects ("Obligation Report") that lists TIP projects for which federal funds were obligated in the preceding year. Obligation refers to the process whereby federal funds are authorized and committed by New York State or a designated recipient, and authorized by the FHWA or awarded as a grant by the FTA. The Obligation Report includes the following information for each project or project phase:

- Project description (i.e. type of work, length, location, etc.)
- Estimated total project cost.
- Project sponsor.
- Amount of federal funds requested in the TIP.
- Amount of federal funding that was obligated during the preceding year.
- Amount of federal funding remaining and available for subsequent years.

The Transportation Council will complete an Obligation Report no later than 90-days following the end of each Federal Fiscal Year (September 30th) and make it available on the PDCTC website.

Summary

States and local governments across the nation face the challenge of balancing the repair of aging infrastructure and construction of improvements to meet future needs. Such improvements take time and funding, both of which can be in short supply. The 2017-2021 TIP provides a strategy to meet the minimum transportation needs of Dutchess County, by carefully balancing sponsor priorities with estimates of available funding. The Transportation Council will modify the TIP on a project-by-project basis through amendments and administrative modifications as necessary.

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[1] NYSDOT-Region 8 includes Columbia, Dutchess, Orange, Putnam, Rockland, Ulster, and Westchester counties.
[2] As per FTA C 4702.1B, Limited English Proficient (LEP) persons refers to persons for whom English is not their primary language and who have a limited ability to read, write, speak, or understand English. It includes people who reported to the U.S. Census that they speak English less than very well, not well, or not at all.
[3]As per FTA C 4702.1B, low-income person means a person whose median household income is at or below the U.S. Department of Health and Human Services (HHS) poverty guidelines.
[4] FTA C 4702.1B dated October 1, 2012 and FTA C 4703.1 dated August 15, 2012.

APPENDIX A
(Definitions)

Appendix A: Definitions

AADT (Annual Average Daily Traffic): The average traffic volume on a given facility over a 24-hour period, adjusted for seasonal variation.

Access Management: Road design concepts that organize access to properties, while simultaneously preserving the flow of traffic on the surrounding road system and improving safety. Examples include shared driveways, shared parking, connections between properties, and center medians with left turn pockets.

Accessibility: A measure of the ability or ease of all people to travel between various origins and destinations.

ADA (Americans with Disabilities Act): 1990 federal law that governs the provision of services and facilities necessary to accommodate people with disabilities. The law includes specific requirements regarding access to transportation services and facilities.

Administrative Modification: A minor revision to a Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP), or Statewide Transportation Improvement Program (STIP) that includes minor changes to project/project phase costs, funding sources for previously-approved projects, and phase initiation dates. An administrative modification does not require public review and comment or re-demonstration of fiscal constraint.

ACS (American Community Survey): An annual survey of a sub-set of the population by the U.S. Census Bureau. Population, social, housing and economic data is collected. One-, three- and five-year estimates are generated from the data.

ALIS (Accident Location Information System): An electronic database of vehicle crashes created by NYSDOT and the State's Office of Cyber Security & Critical Infrastructure Coordination (CSCIC). The data in ALIS comes from crash reports from police agencies and the State's Department of Motor Vehicles (DMV).

Amendment: A revision to a MTP, TIP, or STIP that involves a major change to a project including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, design concept, or scope. An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, a

Available Funds: Funds derived from an existing source dedicated to or historically used for transportation purposes. Authorized and/or appropriated funds and the extrapolation of formula and discretionary funds at historic rates of increase are considered available.

Bicycle Boulevard: A bicycle-priority street, shared with low speed, local traffic. Identified by signs and pavement markings, and often includes traffic calming treatments. Typically part of a network of bicycle boulevards designed to connect people to destinations while avoiding traffic on major streets.

Bicycle Lane (Bike Lane): A portion of roadway that has been designated by striping, signing and pavement markings for the preferential or exclusive use of bicyclists (New York State Vehicle and Traffic Law).

Bicycle Route (Bike Route): A system of bikeways designated with directional and informational signs, with or without a specific bicycle route number. This includes both facilities for the exclusive use of bicycles and shared use with motor vehicles.

Bicycle-Sensitive Traffic Signals: Traffic detector loops that are designed to detect a bicycle and trigger a change in the signal.

Bikeway: Any road, path, or signed route which is designated for bicycle travel, regardless of whether such facilities are designated for the exclusive use of bicycles or are to be shared with other transportation modes.

BRT (Bus Rapid Transit): A form of bus transit that typically includes a separated bus lane, fewer stops, signal priority, and off-board payment, resulting in faster travel speeds.

CAAA (Clean Air Act Amendments of 1990): Federal law which stresses the relationship between transportation and air quality and the attainment of National Ambient Air Quality Standards.

Capacity: The maximum volume of traffic that a particular segment of roadway or intersection is able to accommodate in a given time period.

Capital Costs: Non-recurring or infrequently recurring costs of long-term assets, such as land, bus/train stations, buildings, and vehicles.

Carpool: An arrangement in which two or more people share the driving, use and/or cost of traveling in privately owned automobiles between fixed points, often on a regular basis.

Committed Funds: Funds dedicated or obligated for transportation purposes.

Conformity (Transportation Conformity): A method to ensure that federal funding is applied to those transportation activities that are consistent with air quality goals. Conformity applies to transportation plans (such as the PDCTC Metropolitan Transportation Plan), Transportation Improvement Programs, and projects funded or approved by the Federal Highway Administration or the Federal Transit Administration in areas that do not meet or previously have not met air quality standards for ozone, carbon monoxide, particulate matter, or nitrogen dioxide. These areas are known as "non-attainment areas" or "maintenance areas," respectively. Transportation projects must demonstrate conformity in order to be funded.

CMP (Congestion Management Plan): An optional planning process for a TMA to measure and manage the performance of a transportation system. The process must describe methods to collect and analyze transportation network data, with the intent of developing effective strategies to mitigate identified congestion.

Congestion: The state of a roadway that occurs as use approaches or exceeds the capacity of the road. Characterized by slower speeds, longer trip times, and increased queuing.

Crosswalk (marked): Any portion of a roadway at an intersection or elsewhere distinctly indicated for pedestrian crossing by lines or other markings on the surface (New York State Vehicle and Traffic Law).

Crosswalk (unmarked): That part of a roadway at an intersection included within the connections of the lateral lines of the sidewalks on opposite sides of the highway between the curbs or, in the absence of curbs, between the edges of the traversable roadway (New York State Vehicle and Traffic Law).

Curb Extension: An extension of a curb intended to narrow the travel lane and thereby reduce the speed of vehicles. Used at intersections to increase the visibility of pedestrians and shorten crossing distance.

Curb Ramp: Area at which a street curb has been cut and sloped so the sidewalk leads smoothly to the street. Curb ramps are required at crosswalks by ADA.

CHIPS (Consolidated Local Street and Highway Improvement Program): State funding program that provides counties and municipalities with funds for operating, maintaining, and rehabilitating local highways and bridges. Typically used for projects on non Federal-Aid eligible roadways.

DCDPW (Dutchess County Department of Public Works): Dutchess County department charged with responsibility for County highway, bridge, and building facilities and the Dutchess County Public Transit bus system.

Demand-Responsive Transit: Transit service in which passengers request door-to-door or point-to-point service at a specific time; a common example is Dial-A-Ride.

EPA (Environmental Protection Agency): Federal agency responsible for implementing the Clean Air Act, as well as other environmental laws that protect natural resources.

Farebox: Machine that accepts tokens, bills, coins or tickets from passengers for rides on transit vehicles.

Federal-Aid System: The system of roads eligible for federal highway funding. Includes all roads not functionally classified as Local or Rural Minor Collector.

FFY: Federal Fiscal Year (Starts October 1; ends September 30).

FHWA (Federal Highway Administration): USDOT agency responsible for approval of transportation projects that affect the federal-aid highway system. FHWA is a non-voting member of the PDCTC.

FRA (Federal Railroad Administration): USDOT agency responsible for the administering of federal programs concerning rail transportation.

FTA (Federal Transit Administration): USDOT agency responsible for approval of mass transit projects that receive federal funding. FTA is a non-voting member of the PDCTC.

Financial Plan: Documentation required in a MTP and TIP to demonstrate the consistency between reasonably available and projected federal, state, local, and private funding and the cost of proposed transportation improvements.

Financial/Fiscal Constraint: The requirement that the MTP, TIP, and STIP include sufficient financial information to demonstrate that projects can be implemented using committed, available, or reasonably available revenue sources, with reasonable assurance that the federally supported transportation system is being adequately operated and maintained. For the TIP and the STIP, financial constraint applies to each program year.

Fixed Route Service: Transit service that runs on regular, scheduled routes, usually with printed/posted bus schedules and designated stops.

Fixing America's Surface Transportation (FAST) Act: Federal multi-modal transportation law, enacted in 2015, which provides funding for highways, highway safety, and public transportation totaling $305 billion from FFY 2016 to FFY 2020.

Functional Classification: The process by which highways are grouped into classes according to the character of service they are intended to provide. Classes include Interstate, Principal and Minor Arterial, Major and Minor Collector, and Local. Urban and rural highways are classified separately.

Highway: A general term denoting a public travelway that includes the entire area within the right-of-way.

Highway Safety Improvement Program (HSIP): MAP-21 program focused on achieving a significant reduction in traffic fatalities and serious injuries on public roads, including non-State-owned public roads and roads on tribal lands. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance.

Highway Trust Fund: Transportation fund administered by FHWA. Most funds for highway improvement are apportioned to states using a formula based on population, area and mileage.

HOV (High Occupancy Vehicle): A vehicle carrying two or more passengers, including carpools, vanpools, and buses.

HOV Lane: Vehicle travel lane designated for use by HOVs.

ITS (Intelligent Transportation Systems): Projects and programs that use communications technology to provide information to travelers about road and transit conditions and help monitor, guide, and control the operation of vehicles. The application of ITS technologies offers improved safety, more efficient use of infrastructure, and enhanced user choices.

Intermodal/Multimodal: A transportation system connecting or including different types of transportation (e.g. bus service connecting to a train station).

Local Authorities: Every county, municipal or other local board, body or officer, county park commissioner, parkway authority, bridge authority, bridge and tunnel authority, the office of parks and recreation, the New York State Thruway authority or similar body or person having authority to enact laws or regulations relating to traffic under the constitution and laws of this state (New York State Vehicle and Traffic Law).

LOS (Level of Service): A measure of congestion relating actual or forecasted traffic volume to the capacity of a particular roadway. LOS A indicates free flow traffic; LOS F denotes a very congested roadway in which traffic flow exceeds the capacity of the roadway.

Match: State or local funds required by federal funding programs to complement federal money for a project.

Median: The portion of a divided highway separating one direction of traffic from traffic traveling in the opposite direction.

Metropolitan Planning Area: The region in which an MPO carries out its transportation planning responsibilities. The area is designated by the MPO and the Governor in accordance with federal regulations. The PDCTC's metropolitan planning area includes all of Dutchess County.

MNRR (Metro-North Railroad): An operating affiliate of the Metropolitan Transportation Authority (MTA) that provides rail service to Dutchess County and other areas in the New York metropolitan area. MTA is a voting member of the PDCTC.

MTP (Metropolitan Transportation Plan): An official multimodal transportation plan addressing no less than a 20-year planning horizon. The MTP is developed, adopted, and updated by an MPO through the metropolitan transportation planning process.

Mode: A particular form of travel, for example, walking, or traveling by automobile, bus, bicycle, or train.

Moving Ahead for Progress in the 21st Century (MAP-21): Federal multi-modal transportation law, enacted in 2012, which guaranteed funding for highways, highway safety, and public transportation totaling $105 billion (FFY 2012-2014), and which was extended for FFY 2015 and some of FFY 2016.

MPO (Metropolitan Planning Organization): Federally-mandated organization for coordinating transportation planning in a Census-designated metropolitan area. All urbanized areas over 50,000 in population are required to have an MPO. The MPO is responsible for developing the Metropolitan Transportation Plan, Transportation Improvement Program, and Unified Planning Work Program.

NAAQS (National Ambient Air Quality Standards): Federal standards that set allowable concentrations and exposure

limits for various air pollutants.

NEPA (National Environmental Policy Act of 1969): Federal law that establishes a national policy for the environment, requiring that federal agencies integrate environmental values into their decision making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions.

NHS (National Highway System): A nation-wide system of highways and roads designated by the US Congress to link the states, major urban areas, and other important destinations.

National Highway Performance Program (NHPP): Provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. NHPP projects must be on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements and plans, such as *Moving Dutchess 2*. Major eligible activities include the reconstruction and rehabilitation of NHS road segments and NHS bridges and tunnels, and highway safety improvements on the NHS. Bridge resurfacing, preservation, and reconstruction on non-NHS Federal-aid highways are eligible for NHPP funding under the FAST Act.

NYSBA (New York State Bridge Authority): An authority created by New York State to maintain and operate bridges across the Hudson River. The NYSBA is a non-voting member of the PDCTC.

OCTC (Orange County Transportation Council): MPO for Orange County.

Nonattainment Area: Geographic area designated by the EPA where NAAQS have been exceeded. Prior to 2012, Dutchess County was part of the Poughkeepsie Ozone Nonattainment Area with Putnam and Orange counties.

Non-Exempt: For air quality analysis, a highway or road project that changes capacity by at least one travel lane or a transit project that changes capacity on a fixed route system. A non-exempt determination is made if the project type is not found on the list of exempt projects in Table 2 (Exempt Projects) in 40 CFR Parts 93.126 and 127 and NYCRR Part 240.27.

NOx (Nitrogen Oxide): A chief component of air pollution, caused by the burning of fossil fuel.

NHTS (National Household Travel Survey): Periodic survey of travel behavior of a sample of people in the United States.

NYMTC (New York Metropolitan Transportation Council): MPO for the New York metropolitan area that includes New York City, Long Island, and the Hudson Valley counties of Putnam, Rockland, and Westchester.

NYSDEC (New York State Department of Environmental Conservation): The State agency with primary responsibility for developing and amending the New York State Implementation Plan (SIP) for Air Quality.

NYSDOT (New York State Department of Transportation): The State agency with primary responsibility for State transportation facilities and programs. NYSDOT is a voting member and Secretary of the PDCTC.

Park-and-Ride Lot: Parking area where passengers leave their cars for the day and board transit vehicles or join carpools and vanpools.

Planning Committee: The non-voting body of the Transportation Council responsible for identifying specific transportation planning issues for inclusion in the MTP, TIP, and UPWP, and identifying and undertaking special studies as requested by the Transportation Council.

PDCTC/Transportation Council (Poughkeepsie-Dutchess County Transportation Council): MPO for the Dutchess County portion of the Poughkeepsie-Newburgh Urbanized Area. Established in 1982, the PDCTC is responsible for adopting a Metropolitan Transportation Plan, Transportation Improvement Program, and Unified Planning Work Program.

Regionally Significant Project: A transportation project that is on a facility that serves regional transportation needs, such as access to and from the area outside the region; major activity centers in the region; major planned developments such as new retail malls, sports complexes, or employment centers; or transportation terminals, and would normally be modeled in the metropolitan area's transportation network. This includes all projects on principal arterial highways and all fixed guideway transit facilities that offer a significant alternative to regional highway travel. Typically used for air quality conformity.

Right-of-Way (ROW): Land, property or interest therein, acquired for or devoted to a highway, transit, railroad, or other transportation project.

Roadway: The portion of the highway, including shoulders, for vehicular use.

SAFETEA-LU (Safe Accountable, Flexible, Efficient Transportation Equity Act- A Legacy for Users): Federal multi-modal transportation law, enacted in 2005, that guaranteed funding for highways, highway safety, and public transportation totaling $244.1 billion (FFY 2005-2009).

SDF (State Dedicated Fund): Funds collected and allocated by New York State to fund highway and transit improvements.

Section 5303 (Metropolitan & Statewide Planning): FTA program that funds transit planning and research.

Section 5307 (Urbanized Area Formula Funding program): FTA program that authorizes grants to urban areas under a legislated formula. The program provides funding to urbanized areas for transit capital and operating assistance, preventive

maintenance, and Americans with Disabilities Act (ADA) complementary paratransit services. Funds can also support pedestrian and bicycle access to transit.

Section 5309 (Fixed Guideway Capital Investment Grant Program): FTA program that provides funding for fixed guideway investments such as new and expanded rapid rail, commuter rail, light rail, streetcars, bus rapid transit, and ferries, as well as corridor-based bus rapid transit investments that emulate the features of rail.

Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities program): FTA program that authorizes transportation capital and operating grants for transit service for the elderly and handicapped. The program provides formula funding to states to assist private nonprofit groups with meeting the transportation needs of the elderly and persons with disabilities. Funds are apportioned based on each state's share of population for these population groups. Per MAP-21, funding can only be awarded if the project stems from a locally developed Coordinated Public Transportation–Human Service Transportation Plan.

Section 5339 (Buses and Bus Facilities program): FTA program that supports the replacement, rehabilitation, and purchase of buses and related equipment, and construction of bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities. Funding is provided through formula allocations and competitive grants.

SEQRA (State Environmental Quality Review Act): A New York State law that introduces a process to incorporate the consideration of environmental factors into the early planning stages of actions in order to avoid adverse impacts on the environment.

Shared Lanes: Shared motor vehicle/bicycle use of a travel lane. Narrow shared lanes may be supplemented with shared lane use markings (sharrows).

Shared-Use Path: A path completely separated from vehicular traffic and within an independent right of way or the right of way of another facility, which is shared by bicycles, pedestrians, and other non-motorized users.

SFY: State Fiscal Year (Starts April 1; ends March 31).

SIP (State Implementation Plan): A plan mandated by the Clean Air Act that contains procedures to monitor, control, maintain, and enforce compliance with the NAAQS.

STIP (State Transportation Improvement Program): A statewide compilation of MPO and rural area TIPs that is submitted by NYSDOT to FHWA and FTA for approval. The STIP serves as the basis for the obligation of federal transportation funds to the State.

STBGP (Surface Transportation Block Grant Program): Provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals. Fifty percent of a State's STP apportionment is

to be obligated to areas in proportion to their relative share of the State's population. Major eligible activities include the construction and rehabilitation of federal-aid eligible highways and bridges on any public road.

Transportation Alternatives Program (TAP): MAP-21 program that provided for a variety of alternative transportation projects that were previously eligible under separately funded programs, such as the Transportation Enhancement Program, Recreational Trails Program, and the Safe Route to Schools Program. Under the FAST Act, the TAP program was eliminated as a standalone program and made a set-aside under the STBGP.

TDM (Transportation Demand Management): Activities and programs designed to reduce congestion by reducing the number of single occupant vehicles. Examples include programs to promote ridesharing, transit use, bicycling, and telecommuting.

TIP (Transportation Improvement Program): A five year program of highway, transit, and other transportation capital projects developed by an MPO. All federally funded projects must appear on an approved TIP to be implemented.

TMA (Transportation Management Area): A USDOT designation for Urbanized Areas with populations of 200,000 or more. The TMA designation carries with it additional responsibilities for an MPO. These include a system to disburse Section 5307 funds and a formal federal certification review every four years. The PDCTC is part of the Mid-Hudson Valley TMA.

UCTC (Ulster County Transportation Council): The MPO for the Kingston metropolitan area, which covers Ulster County.

UPWP (Unified Planning Work Program): A statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area over a period of no more than two years. The UPWP includes a description of the planning work and resulting products and identifies which organization will perform the work, the time frames for completing the work, the cost of the work, and the sources of funds.

USDOT (United States Department of Transportation): The federal cabinet department that includes the Federal Highway Administration and the Federal Transit Administration.

Urbanized Area: An incorporated place and adjacent densely populated area with a combined minimum population of 50,000, as defined by the U.S. Census Bureau.

VMT (Vehicle Miles Traveled): Measure of vehicle travel. The sum of miles driven by all vehicles in a given area, over a specific period of time.

YOE (Year of Expenditure): Dollars that are adjusted for inflation, based on the year they will be used.

APPENDIX B
(How to Read the TIP)

AGENCY PIN WORKTYPE <AQ STATUS>	PROJECT DESCRIPTION	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
AQ CODE	COUNTY TOTAL PROJECT COST										
1 LOCAL 2 876123 3 MOBIL 4 <Exempt>	HYDE PARK NYS ROUTE 9 PEDESTRIAN IMPROVEMENTS TO INCLUDE INSTALLATION OF NEW SIDEWALKS, CR 6 TALKS, AND CURBING OF THE EAST-SIDE OF NYS ROUTE 9 FROM WATER TOWER RD TO PARK PLAZA. TOWN OF HYDE PARK, DUTCHESS COUNTY	TAP LG URBAN 01/2017 LOCAL 01/2017 TAP LG URBAN 01/2017 LOCAL 01/2017 9	0.043 0.011 0.556 0.139 10	CONINSP CONINSP CONST CONST 11		0.043 0.011 0.556 0.139		12			
5 AQC:N/A	DUTCHESS 7 TPC: $0.6-$1.5	8 TOTAL 5YR COST :	0.749		0.000	0.749	0.000	0.000	0.000	0.000	0.000

1 LEAD AGENCY: Municipality or public agency responsible for the project; also referred to as Project Sponsor.

2 PROJECT IDENTIFICATION NUMBER (PIN): Number generated by NYSDOT and used by agencies to identify a project.

3 PROJECT CATEGORY: The general category or type of project.

4 AIR QUALITY STATUS: Identifies the project as exempt or non-exempt, and if exempt, identifies the air quality code.

5 AIR QUALITY CODE (AQC): Unique code that identifies the air quality impact of the project (see Appendix F).

6 PROJECT DESCRIPTION: A brief outline of the project, generally limited to project type, scope, major features, and location of the project.

7 COUNTY: County where project is located.

8 TOTAL PROJECT COST: Total cost of the project; includes all federal, state, and local funding sources.

9 FUND SOURCES & OBLIGATION DATE: The fund source and expected obligation date for each phase (see Appendix D).

10 TOTAL 5-YEAR PROGRAM: Total programmed funds over the five year TIP period for each phase and for the total project.

11 PHASE: Project phase (see Appendix E).

12 5-YEAR PROGRAM: Total funding by Federal Fiscal Year.

FINAL DRAFT

APPENDIX C
(Project Categories)

PROJECT CATEGORIES

1) Construction (CONST): Construction of a new highway on a new alignment, or added lanes on an existing roadway. Includes initial construction of interstate expressways, arterials, and bridges with sizable construction of bridge approaches.
2) Reconstruction (RECON): Replacement of an existing highway or alignment including rebuilding and geometric improvements. Projects involve extensive earthwork, extensive rebuilding of sub-grade and drainage systems, as well as utility relocation.
3) Mobility (MOBIL): Projects intended to reduce single-occupant vehicle travel and encourage other modes of transportation, including park-and-ride facilities, bikeways and walkways, ferry services, construction of exclusive/preferential lanes for buses and/or high-occupancy vehicles, preferential toll collection, bus preemption devices on traffic signals, and Intelligent Transportation System (ITS) improvements.
4) Reconditioning and Preservation (R&P): Restoration of the structural integrity of existing facilities and protection of highway facilities, by forestalling further deterioration. Improvements may include resurfacing with incidental drainage restoration, slope stabilization, drainage improvements, shoulder rehabilitation, replacement of guiderails, minor widening for turning, resigning, signals, minor sub-grade replacement and preventative maintenance.
5) Bridge (BRIDGE): Construction of a new bridge or replacement/reconstruction of an existing bridge. Includes preventative maintenance.
6) Safety (SAFETY): Projects intended to improve or alleviate a known or perceived safety problem. Projects can include intersection improvements, lighting, hazard elimination, geometric improvements, and installation of guide rail and median barriers.
7) Traffic (TRAFFIC): Projects intended to increase the capacity and efficiency of the transportation network using the existing highway system. Projects may include computerization and modernization of traffic signals, installation of pavement markings, directional signals, truck route signs, and restrictive lane use signs for bicycles.
8) Intersection (INTER): Projects intended to provide operational improvements at intersections. Work can include geometric changes (e.g. addition of turn lanes), drainage improvements, and installation of traffic control devices, new signs, lighting, pavement markings, or better channelization.
9) Study (STUDY): Study of transportation alternatives within a corridor or route.
10) Elimination of Grade Crossing (EGC): Applies to at-grade highway/rail intersections. Construction of a structure to carry one mode over another to eliminate conflict.
11) Transit (TRANSIT): Projects that add service or capacity to the transit network, including capital projects and operating assistance. This may include new equipment, terminal rehabilitation, or improvements to rail yards, depots, shops, security, and transfer blocks.
12) Miscellaneous (MISC): Any project that does not fall under any of the above categories.

APPENDIX D
(Fund Sources)

FUND SOURCES

The TIP shows sources of federal and non-federal funding, which are abbreviated as follows:

Federal Funding

1) CMAQ: Congestion Mitigation and Air Quality Improvement Program.
2) DISCR FA: Discretionary Federal-Aid; funding that is part of any of the several discretionary programs including Corridor & Border Infrastructure Program, Innovative Bridge Research & Constructions, Interstate Discretionary, and Public Lands Funds.
3) FTA 5307: FTA Section 5307 funds for urbanized areas.
4) FTA 5309: FTA Section 5309 funds for new starts and rail modernization.
5) FTA 5310: FTA Section 5310 funds for elderly and disabled transportation services.
6) FTA 5311: FTA Section 5311 funds for rural areas.
7) FTA 5337: FTA Section 5337 funds for fixed guiderail state of good repair.
8) FTA 5339: FTA Section 5339 funds for bus and bus facility state of good repair.
9) HPP: High Priority Program; as outlined in 23 USC Section 117, identifying funding for projects listed in previous legislation.
10) HSIP: Highway Safety Improvement Program.
11) ITS: Intelligent Transportation Systems.
12) MISC FA: Miscellaneous federal-aid earmarks and related Congressional Appropriations.
13) NHPP: National Highway Performance Program.
14) N/A: Not Applicable (funded with only non-federal funds).
15) RAIL HWY HZ: Rail Highway Hazards; elimination of hazards at rail/highway crossings.
16) RAIL HWY PD: Rail Highway Protection Devices; elimination of hazards at rail/highway crossings - Protective Devices.
17) REC TRAILS: Recreational Trails.
18) SAFE RT SCH: Safe Routes to School Program.
19) SCBY: Scenic Byway Program; funds for planning, design, and development projects along designated All-American roads, National Scenic Byways, and State Scenic Byways.
20) STP FLEX: Surface Transportation Block Grant Program-Flexible.
21) STP LG URBAN: Surface Transportation Block Grant Program-Large Urban.
22) STP-OFF: Surface Transportation Block Grant Program-Off System Bridges.
23) STP RAIL: Surface Transportation Block Grant Program-Rail.

24) STP RURAL: Surface Transportation Program Rural.
25) TAP: Transportation Alternatives Program.

Non-Federal Funding

1) LOCAL: Funds from a local government or municipality that is only for use in that area; typically used to identify the local match for federal funds.
2) MTA: Metropolitan Transportation Authority; funds from MTA that are designated for use only with MTA projects.
3) OTHER: A variety of funding sources that fall between LOCAL and STATE; includes funds from NYSDEC, Ports, Out of State, Bridge Authorities, other State Agencies, or Private Funding.
4) PIT BOND: State transportation bond.
5) PRIV: Funding contributed to a project by a private entity.
6) SDF: State Dedicated Funds; a State-dedicated fund source that is generated through a state gasoline tax and used for highway and transit improvement projects throughout the state.
7) STATE: Funding from a variety of New York State sources, excluding transit and highway funds from the State Dedicated Fund (SDF), but including NYS Legislative Member items, Marchiselli or SHIP programs, State Transit Operating Assistance (STOA), NYS Bond Issues, NYS match, or miscellaneous SDF.
8) TWY: Funds from the New York State Thruway Authority for use in NYS Thruway projects.
9) UTIL: Contributions from Utility companies.

APPENDIX E
(Project Phases)

PROJECT PHASES

Transportation projects are broken down into distinct phases to ensure compliance with federal, state, and local laws. The TIP includes the following phases:

1) Preliminary Design (PRELDES): Provides a more precise picture of the project, including identification of environmental, right-of-way, and other variables that require consideration before deciding to continue the project.

2) Detailed Design (DETLDES): Provides plans, specifications, and estimates necessary to let (go out to bid) and construct the project.

3) Right of Way Incidentals (ROWINCD): Preparation work done prior to the acquisition of right-of way.

4) Right of Way Acquisition (ROWACQU): Acquisition of any right-of-way necessary to construct the project.

5) Construction (CONST): Actual construction and related activities, beginning with the letting of the contract, through the award of the contract, actual completion, and acceptance of all construction work.

6) Construction Inspection (CONINSP): Supervision, inspections, engineering, contingencies, orders-on-contract, force account work, and any other administrative and/or miscellaneous activities required by, for, or in conjunction with the fulfillment of construction requirements.

7) Miscellaneous (MISC): When associated with transit projects, involves the purchase and acquisition of rolling stock and associated equipment, though it can include work on stations, parking, and maintenance/storage facilities. For highway projects, it corresponds to the construction phase and represents the phase where the proposed improvement is implemented.

8) Railroad Force Account (FORCE): Work performed by railroad forces or the railroad's contractor. Generally, railroad force account work is funded and work is performed in conjunction with an approved highway construction project. This work may involve planking (road crossing surfaces), track adjustments, installation of warning devices, relocation of existing warning devices, installation or extension of drainage structures under tracks, wire line adjustments, flagging for train operations, and other related work.

APPENDIX F
(Air Quality Codes)

AIR QUALITY EXEMPT CODES

Highway and transit projects of the types listed below are exempt from the requirement to determine air quality conformity. Such projects may proceed toward implementation even in the absence of a conforming MTP and TIP. However, a project of a type listed below is not exempt, if the MPO, in consultation with the Interagency Consultation Group (ICG), concurs that it has regionally significant emissions impacts. The following coded list of exempt projects is derived from "Table 2 - Exempt Projects" in 40 CFR Part 93.126, 40 CFR Part 93.127 (revised per January 24, 2008 Federal Register), and 6 NYCRR Part 240.

A. Safety

A1. Railroad/highway crossing.
A2. Hazard elimination program.
A3. Safer non-Federal-aid system roads.
A4. Shoulder improvements.
A5. Increasing sight distance.
A6. Safety improvement program.
A7. Traffic control devices and operating assistance other than signalization projects (including ITS maintenance and ITS operations for incident management/safety warnings).
A8. Railroad/highway crossing warning devices.
A9. Guiderails, median barriers, and crash cushions.
A10. Pavement resurfacing and/or rehabilitation.
A11. Pavement marking demonstration.
A12. Emergency relief (23 U.S.C. 125).
A13. Fencing.
A14. Skid treatments.
A15. Safety roadside rest areas.
A16. Adding medians.
A17. Truck climbing lanes outside the urbanized area.
A18. Lighting improvements.
A19. Widening narrow pavements or reconstructing bridges (no additional travel lanes).
A20. Emergency truck pullovers.

B. Mass Transit

B1. Operating assistance to transit agencies (or entities that provide transit service).
B2. Purchase of support vehicles.
B3. Rehabilitation of transit vehicles.
B4. Purchase of office, shop, and operating equipment for existing facilities.
B5. Purchase of operating equipment for vehicles (i.e. radios, fareboxes, lifts, etc.).
B6. Construction or renovation of power, signal, and communications systems (including new systems to inform passengers of transit line schedule and status).
B7. Construction of small passenger shelters and information kiosks.
B8. Reconstruction or renovation of transit buildings and structures (i.e. rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures).
B9. Rehabilitation or reconstruction of track structures, track, and track bed in existing rights-of-way.
B10. Purchase of new buses and rail cars to replace existing vehicles or for minor expansions (< 10%) of the fleet. (NOTE: ICG recommends case-by-case consultation for all expansions).
B11. Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR 771.

C. Air Quality and Other

C1. Continuation of ride-sharing and van-pooling promotion activities at current levels.
C2. Bicycle and pedestrian facilities.
C3. Planning and technical studies that do not proceed to construction.
C4. Grants for training and research programs.
C5. Planning activities conducted pursuant to titles 23 and 49 U.S.C.
C6. Federal-aid systems revisions.
C7. Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action.
C8. Noise attenuation.
C9. Emergency or advance land acquisitions (23 CFR 710.503).
C10. Acquisition of scenic easements.
C11. Plantings, landscaping, etc.
C12. Sign removal.

C13. Directional and informational signs (including ITS maintenance and ITS operations projects).
C14. Transportation enhancement activities (except *rehabilitation and operation* of historic transportation buildings, structures, or facilities).
C15. Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, location, or capacity changes.

Projects Exempt from Regional Emissions Analysis

40 CFR Part 93.127 includes "Table 3 - Projects Exempt from Regional Emissions Analysis," which is also presented in 6 NYCRR Part 240.28. Such projects are exempt from regional emissions analysis requirements, but require consideration of the local effects with respect to CO or PM-10 concentrations to determine if a hot-spot analysis is required prior to making a project-level conformity determination. These projects may then proceed to the project development process, even in the absence of a conforming plan and TIP.

D. "Hot-Spot" Project-Level Conformity Analysis

D1. Intersection channelization projects.
D2. Intersection signalization projects at individual intersections.
D3. Interchange reconfiguration projects.
D4. Changes in vertical and horizontal alignment.
D5. Truck size and weight inspection stations.
D6. Bus terminals and transfer points.

E. Other

J1. Block of Funds (no projects)
K1. Exempt/not regionally significant through interagency consultation - and does not have a code listed above, for example, park-and-ride lot less than 100 spaces.
K2. Project is subject to general conformity - and is not subject to the regional emissions analysis requirements under transportation conformity.

APPENDIX G
(Public Comments)

PUBLIC COMMENTS

To be completed upon completion of 30-day public comment period.

APPENDIX H
(PDCTC Self-Certification)

Background

A certification of the metropolitan planning process is required under Title 23 U.S.C. Section 134, where it stipulates that the Secretary of the United States Department of Transportation (USDOT) shall certify that the Metropolitan Planning Organization (MPOs) is carrying out a metropolitan planning process that adheres to all applicable federal laws.

All of the documents and activities referred to in this Self-Certification Report support the PDCTC's stated mission *to provide the resources (funding) and tools (planning) necessary to build and maintain a transportation system that promotes the safe and efficient movement of people and goods in a sustainable manner*.

A. Required Agreements

Since 1982, the PDCTC has entered into a variety of required agreements to carry out the federally prescribed, metropolitan transportation planning process in Dutchess County. These include the following documents:

- NYSDOT-PDCTC Master Agreement (effective November 19, 1982): the original agreement between NYSDOT and Dutchess County that established the PDCTC and identified the PDCTC'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 PDCTC once shared with the New York Metropolitan PDCTC (NYMTC) and OCTC. As of July 20, 2013, Dutchess County is no longer in non-attainment and is not required to demonstrate air quality conformity.
- 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 PDCTC, 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 PDCTC 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 PDCTC, 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.

B. Planning/Technical

1. Unified Planning Work Program (UPWP)

The UPWP describes the planning activities to be carried out by an MPO within its planning area. The projects described in the UPWP implement policy recommendations and priority actions identified in the Metropolitan Transportation Plan, or are special requests from PDCTC members concerning current and long term needs. In recent years these tasks have included road safety assessments, corridor management plans, transit studies, and the completion of a new bicycle-pedestrian plan. The UPWP includes descriptions of planning tasks and resulting products, a schedule for completing tasks, the cost of the work, sources of funds, and identifies which organization will perform each task. The PDCTC updates the UPWP annually and is based on the State Fiscal Year (SFY) calendar.

The current SFY 2016-2017 UPWP was adopted by the PDCTC on March 24, 2016.

2. Metropolitan Transportation Plan (MTP)

The MTP serves as the strategic, long-range multimodal transportation plan for the Metropolitan Planning Area. Addressing no less than a 20-year planning horizon, the MTP must address the ten planning factors in the FAST Act and be fiscally constrained. In air quality attainment areas, the MTP is updated every five years. The current MTP, *Moving Dutchess 2*, was adopted on March 24, 2016 and has a planning horizon year of 2040.

Moving Dutchess 2 represents the sixth long-range, county-wide transportation plan for the PDCTC. As the new 25-year, multi-modal transportation plan for Dutchess County, *Moving Dutchess 2* identifies strategies to preserve the existing transportation system and meet future travel demands through 2040. Building on the work done in 2011 for *Moving Dutchess*, the PDCTC used four guiding principles to develop the new MTP:

1. Relevant: serve as a valuable planning tool, relevant to the public, local communities, and decision-makers.
2. Sustainable: establish a fiscally and environmentally sustainable way forward to meet our future transportation challenges, with the intent of creating livable communities that improve our quality of life.
3. Targeted: identify specific measures, both planning and project-based, to improve the safety, efficiency, and

effectiveness of our transportation system to meet our future mobility needs.
4. Inclusive: seek input from a full range of stakeholders and interests, addressing the diverse transportation needs of all our residents and visitors.

The PDCTC used a comprehensive planning approach to identify the transportation needs and priorities for Dutchess County, incorporating four major components:

1. A review of federal, State, and local guidance, including previous PDCTC studies and local comprehensive plans.
2. An analysis of transportation system data, including road and bridge conditions, transit use, vehicle crashes, traffic volumes, and travel times (congestion).
3. Information gathered from public outreach, which included six workshops held throughout the County, a public survey, and monthly meetings of the PDCTC's Planning Committee.
4. An assessment of where future population growth/travel might occur.

Moving Dutchess 2 includes a review of relevant federal, state, regional and county laws, policies, and planning guidance. This literature review sought to capture those planning policies and recommendations that best support the PDCTC's mission and the goals set forth in *Moving Dutchess 2*. More often than not, similar themes arise from these documents, which the PDCTC referred to as it established the ten planning goals for the MTP:

1. Preserve our highways and bridges.
2. Maintain our transit system.
3. Improve transportation safety.
4. Reduce traffic congestion.
5. Increase bicycling and walking.
6. Increase the use of carpools/vanpools.
7. Improve transportation security.
8. Reduce transportation impacts to the environment.
9. Increase public participation in the transportation planning process.
10. Improve the delivery of federally-funded transportation projects.

Moving Dutchess 2 provides an overview of the Mid-Hudson region, focusing on the common regional transportation and land use issues facing Dutchess and its neighbors – especially Orange and Ulster counties. The MTP also notes how the three counties have worked together to address regional issues and makes recommendations for future planning efforts, with a focus on addressing regional freight and transit needs.

The new MTP provides an overview of Dutchess County using data relevant to transportation planning. This countywide snapshot includes data on population and socio-economic characteristics, employment, housing, and travel behavior. Recognizing the link between land use decisions and the transportation system, the MTP includes an assessment of two land use scenarios:

1. Build-out Analysis: the level of development that could occur under current local zoning laws and bulk regulations.
2. Center-Focused Build-out Analysis: the amount of development that would occur if the county's *Centers & Greenspaces* guide was fully implemented by communities.

The MTP provides an overview of transportation facilities and resources in the county, discussing the key components of the transportation system: roads, bridges, transit, sidewalks, trails, and bicycle facilities, as well as park-and-ride facilities, freight activity, and safety and security. The MTP also outlines important natural and historical resources in the county, including wetlands, floodplains, air quality, agricultural land, and historic districts, and their interplay with the transportation system.

Moving Dutchess 2 takes a close look at the characteristics and special needs of five distinctive areas within the county. The five areas were established through an assessment of development patterns, travel characteristics, and demographic profiles. By analyzing smaller areas, the PDCTC wanted to identify the varied transportation needs in the county, which are sometimes lost when viewed as 'one size fits all.' This approach also increases the MTP's value to local communities by better targeting funding resources. Each sub-area chapter summarizes local demographic and transportation data, transportation issues identified in local comprehensive plans and previous studies. A list of transportation needs and priorities were also provided for each sub-area.

Moving Dutchess 2 uses over 70 performance measures to quantify progress on meeting our short-range and long-range goals. The performance measures rely on available data to measure existing conditions for key aspects of the transportation system, including safety, highway/bridge maintenance, transit operations, bicycle/pedestrian facilities, the environment, public participation, and project deliverability. Each performance measure uses current data to establish a base starting point. Goals are then established for 2020 (the next update) and 2040 (the planning horizon year).

Moving Dutchess 2 includes over 170 specific recommendations to preserve and improve the transportation system. The PDCTC chose to identify specific projects to increase the value of the Transportation Plan to public agencies and communities – providing them greater detail on where to target future investments. The recommendations are divided into short-range (2016-2020), mid-range (2021-2030), and long-range (2031-2040) time periods, which are related to each project's relative priority and complexity, and the availability of funding. The MTP categorizes recommendations into eight major project types:

1. Bridge Maintenance: replacement or rehabilitation of bridges that are in or are expected to be in poor condition.
2. Highway Maintenance: reconstruction or rehabilitation of roadway segments that are in or are expected to be in poor condition.
3. Highway Operations: intersection, turning lane, and traffic signal projects to improve operations and reduce congestion.

4. Safety: projects and studies to improve safety.
5. Pedestrian/Bicycle: construction or rehabilitation of sidewalks, crosswalks, and trails to improve safety and accessibility.
6. Travel Demand Management: rideshare/vanpool services to reduce congestion.
7. Transit: bus replacements, operating assistance, and preventive maintenance for transit providers, as well as facility upgrades for bus and commuter rail.
8. Planning: topics or locations that require additional study.

Moving Dutchess 2 recommends the investment of over $1.1 billion in highway, transit, and planning projects to preserve and improve the county's transportation system over a 25-year planning period. *Moving Dutchess 2* includes a financial plan that uses planning-level cost estimates and forecasts of reasonably expected funding to financially constrain its recommendations and avoid a wish list of projects. Project cost estimates are adjusted for inflation based on the project's Year of Expenditure, providing a more realistic estimate of funding needs.

Given that there is insufficient funding available to reach a true state of good repair, *Moving Dutchess 2* outlines a preservation-based approach to maintain transportation safety and mobility – over half of recommended funding is dedicated to highway and bridge maintenance

Public Participation

In compliance with the PDCTC's Public Participation Plan, *Moving Dutchess 2* was made available for public review and comment. During its development, draft chapters of the MTP and other supporting documents were posted on the PDCTC's web site and discussed at monthly meetings of the Planning Committee. Staff also held six public workshops throughout Dutchess County in September 2015 to identify local needs and priorities. The PDCTC also issued a public survey (online and paper) to gather feedback on transportation issues facing residents, receiving over 900 responses (including 40 in Spanish).

A 30-day public comment was held from February 17-March 17, 2016 and a summary of the MTP was prepared and mailed to the public information mailing list, including the media, and Committee members; staff also held a public information meeting on March 3, 2016. All comments were summarized and included in the MTP prior to approval.

Consultation

To address the federal requirement for consultation, the Council developed an agency consultation process that included reviewing existing plans, and providing agencies an opportunity to review *Moving Dutchess 2* prior to its public release. For federal and State agencies, the PDCTC relied on its list of list of contacts developed for the previous MTP. In addition to these agencies, the PDCTC identified local agencies and organizations interested in environmental, natural

resource, land development, historic preservation, and economic development within Dutchess County and the greater Hudson Valley. In 2013 FHWA and FTA conducted an in-person certification review of the transportation planning process in Dutchess, Orange, and Ulster Counties in the Mid-Hudson Valley TMA. The MPO's were found to be in compliance with federal planning requirements.

3. Transportation Improvement Program

The PDCTC approved the previous Federal Fiscal Year (FFY) 2014-2018 Transportation Improvement Program (TIP) on June 20, 2013. The 2014-2018 TIP is financially constrained by program year and conforms to the most recent New York State SIP as required by federal transportation law. The projects in the TIP sustain and reinforce the goals and priority actions set forth in *Moving Dutchess 2*.

The 2014-2018 TIP was developed in consultation with member agencies, including local municipalities, state and county agencies, and regional transportation authorities. The TIP includes an Environmental Justice analysis that identifies locations with high numbers of sensitive population groups. The PDCTC continued its use of visualization techniques by developing user-friendly project lists and maps for proposed projects. In addition, the TIP is made available to the public via the PDCTC's website and by paper upon request.

The PDCTC publishes an Annual Listing of Project Obligations, which provides the public with an overview of how and where Federal transportation funds are spent over the course of each passing fiscal year in the TIP. The FFY 2015 Project Obligation report was published in January 2016.

4. Technical Areas

The PDCTC works with member agencies and other interested parties on short- and long-range transportation planning activities. Recent highlights include our ongoing safety assessment project, where staff conducts Road Safety Audits of high-crash locations on County-owned roads and a local sidewalk planning initiative, where staff works with communities to inventory existing sidewalks and identify improvements. The PDCTC also completed a Corridor Management Plan (CMP) for the Route 9G corridor in the Red Hook/Tivoli area.

5. Special Considerations in Transportation Planning Process

a. Title VI

The NYSDOT-Civil Rights Bureau conducted a Title VI review of PDCTC activities in fall 2012; the PDCTC was found to be in compliance with all federal and state laws. The PDCTC continues to participate as a signatory to the NYSDOT Disadvantaged Business Enterprise (DBE) Plan and DBE reports are submitted to the NYSDOT-Civil Rights Bureau on a semi-annual basis. The MTP and TIP discuss special considerations such as Environmental Justice and Title VI. The UPWP also dedicates resources for future staff work on these special considerations.

i. Environmental Justice

As a recipient of federal funding, the PDCTC must demonstrate its compliance with Title VI of the Civil Rights Act of 1964 and the Environmental Justice provisions set forth in Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,* signed in 1994. Title VI prohibits the discrimination by recipients of federal financial assistance, including federal transportation funds, on the basis of race, color, and national origin, or matters related to language access for Limited English Proficient (LEP) persons, while Environmental Justice builds upon this by adding low income populations to the groups that should be protected from the adverse impacts of federally funded actions. The PDCTC assures that no person conducting business with it will be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination on the grounds of race, color, national origin, sex, disability, age, language, or income.

Identifying the locations of minority, low income, and LEP populations is an important step in complying with Title VI and Environmental Justice requirements. The PDCTC relied on guidance from the FTA to identify these populations. For the Title VI and Environmental Justice analysis, the PDCTC used 2010 Census block group data to identify block groups that were above-average for total minority and Hispanic populations, and the Census Bureau's 2010-2014 American Community Survey (ACS) 5-year Estimate to identify municipalities with above average low-income and LEP populations.

Minority Population

The PDCTC calculated total minority population by summing the Black/African-American, Asian, American Indian/Alaskan Native, and Native Hawaiian/Pacific Islander populations. In 2010 the county had a total minority population of 40,956 people, which was 13.8 percent of the county's total population. Using this average, 66 of 248 block groups were identified as being above-average for minority population. The Cities of Beacon and Poughkeepsie, Towns of Hyde Park, Fishkill, Poughkeepsie, and Wappinger, and Villages of Fishkill and Wappingers Falls contained block groups that were above average for total minority population.

Hispanic Population

The PDCTC calculated total Hispanic population by analyzing the Hispanic, non-white population. In 2010 the county had a total Hispanic population of 31,267 people, which was 10.5 percent of the county's total population. Using this average, 79 of 248 block groups were identified as being above-average for Hispanic population. The Cities of Beacon and Poughkeepsie, Towns of Amenia, Beekman, Dover, Hyde Park, Fishkill, Pawling, Poughkeepsie, and Wappinger, and Villages of Fishkill, Millerton, Pawling, and Wappingers Falls contained block groups that were above average for total Hispanic population.

Low-Income Population

The PDCTC identified low-income population areas using the estimated percent of the population living below poverty at the municipal level. Based on the Census Bureau's 2010-2014 ACS 5-year Estimates, 22,800 to 26,800 individuals in Dutchess County were living below the poverty level (approximately 8.1-9.5 percent of total population). These ranges represent the lower and upper bounds based on the reported margins of error for each estimate. Regardless, these numbers were higher than those reported in the 2000 Census, which found that 19,900 or 7.5 percent of the county's population was living in poverty.

For the Title VI and Environmental Justice analysis, the Transportation Council identified municipalities that had above average percentages of low income populations, defined as the percent of individuals below the poverty level, compared to the county average. The percentages were calculated as ranges (lower and upper bounds) that incorporated the reported margins of error for each municipality. Municipalities that had a lower bound above 9.5 percent were classified as being above-average for low-income population. The PDCTC identified the City of Poughkeepsie (at 20.6-26.6 percent) as the only municipality that was above average for low income population, and it stands out as well above the county average.

ii. Limited English Proficiency (LEP) Population

The PDCTC identified Limited English Proficiency (LEP) populations using the estimated number of LEP households in each municipality. Based on the Census Bureau's 2010-2014 ACS 5-year Estimates, 2.9 to 3.5 percent of the county's households were limited English speaking; this range represents the lower and upper bounds based on the estimate's margin of error (+/- 0.3 percent). Similar ranges were calculated at the municipal level based on the margins of error for each municipality. Those municipalities with a lower-bound above 3.5 percent were classified as being above-average for LEP households. Using this methodology, the Cities of Beacon and Poughkeepsie had above-average percentages of LEP households.

Meeting announcements are not made in other languages, but the PDCTC website has a translation feature that allows content to be translated into 65 languages, including Spanish, Chinese, Portuguese, Italian, German, French, Japanese, and Korean. The PDCTC has also continued to translate planning surveys into other languages. For the recent MTP, surveys were created in Spanish in addition to English. The PDCTC is exploring the use of non-English material as a future standard practice.

iii. American with Disabilities Act (ADA)

The PDCTC uses various visualization techniques to convey MPO related information, including extensive use of GIS technology, digital photos, and charts in the Plan, TIP, and

other planning documents. These visuals supplement written portions of our plans and documents. The PDCTC's website also has a "listen to website" feature which reads web content out load to viewers (English only). Implementing the State's ADA Compliance Plan for sidewalks and intersections was identified as a major recommendation in *Moving Dutchess 2*.

iv. Disadvantaged Business Enterprise (DBE)

Effective December 19, 2003, the PDCTC reassured its compliance with the NYS Disadvantaged Business Enterprise (DBE) Plan, affirming that it will abide by the Plan's requirements on the award and administration of federally assisted contracts. The PDCTC submits Semi-Annual DBE reports on commitments/awards to NYSDOT.

b. Private Bus Operations

Private bus operators – locally referred to as commuter bus operators – are included on the PDCTC public information list and are invited to participate on MPO sponsored studies as necessary. These operators participated in the PDCTC's Dutchess County Transit Development Plan in 2009 and the Coordinated Public Transit-Human Services Transportation Plan in 2015.

c. Planning Factors

The PDCTC continually integrates the eight federal planning factors into its planning process and work activities. In particular, the PDCTC used the factors to develop the ten goals established in *Moving Dutchess 2*. These goals apply to all MPO activities including the TIP and local planning studies. Regarding economic development, the MTP recommends over $1-billion in transportation projects during a 25-year period, with the goal of promoting a safe and effective system that supports the movement of people and goods in and out the County. The PDCTC also supports the Dutchess County Planning Department work on economic development and tourism.

d. Congestion Management Process

The PDCTC, in conjunction with the OCTC and UCTC, adopted a joint CMP effective October 1, 2005. The CMP established a four step process to measure and define recurring congestion in the three counties. In accordance with the CMP, the three MPOs completed a joint progress report in June 2006 which identified the locations of moderate, heavy, and severe congestion in the region. In 2012 the TMA refined the CMP by completing a *Travel Time Survey* project that gathered travel data along major corridors in the three-county area. Information from the travel time survey was incorporated into *Moving Dutchess 2* as a performance measuring tool.

e. Public Participation Plan

Effective January 1, 2015, the PDCTC adopted a Public Participation Plan with four main objectives: 1) Educate the public about the metropolitan transportation planning process in Dutchess County and the greater Mid-Hudson Valley; 2) Solicit substantive feedback from individuals and organizations

during the development of PDCTC plans and studies; 3) Build consensus among interested parties and local stakeholders; and, 4) Provide interested parties with an opportunity to share their perspectives with PDCTC members before decisions are finalized. The Plan addresses activities involving the use of the internet and visualization to disseminate information, in addition to public review policies for key products. In accordance with the previous MAP-21, a 45-day public comment period was held for the Policy starting October 24, 2014 and ending December 8, 2014.

An extensive public information mailing list is maintained by the PDCTC and includes public and private transit operators, freight operators, media outlets, and other transportation interests (general public); the list includes over 300 contacts.

The PDCTC newsletter is emailed and mailed to the public information mailing list, and provides a summary of planning activities over the previous three months. he newsletter is available on the internet through the PDCTC's website at http://www.dutchessny.gov.

Staff actively updates and maintains the PDCTC website, which includes information on the makeup and organization of the MPO, its responsibilities, and updates on ongoing planning projects (e.g. TIP development, local planning studies). All major reports and products are made available for download via Adobe Acrobat on the MPO website. Meeting dates, agendas, and summaries are also made available via the internet. The PDCTC website recorded over 11,000 unique visitors to its main page in 2015. The website also hosts an online public comment form that enables the public to comment on specific PDCTC activities and/or transportation issues in general.

The PDCTC will continue to use various visualization techniques to convey MPO related information; this includes extensive use of GIS technology, digital photos, and charts in the Plan, TIP, and other planning documents.

f. Coordinated Public Transit-Human Services Transportation Plan

In 2015 the PDCTC completed an update to its Coordinated Public Transit-Human Services Transportation Plan ("Coordinated Plan"). The PDCTC organized the Coordinated Plan around the elements identified in guidance issued by the FTA and relied on previous planning work to identify current service gaps and possible strategies to improve service; this included the previous *Moving Dutchess* and the 2009 Transit Development Plan.

The PDCTC gathered input from local human service agencies through two means: a written survey and a roundtable discussion. In the survey, agencies were asked to identify the number of elderly and disabled persons they serve and transport on an average day, and to provide information about trip destinations and purposes, and the type of equipment available (e.g. number of vehicles and their condition). For the roundtable, agencies were asked to describe current service gaps and offer possible solutions.

The Coordinated Plan identifies a number of priority actions including: the need to replace agency vehicles due to high operational tempos, the need to support agencies that provide transportation services outside Dutchess County, and the need to support agencies that serve areas with high concentrations of disabled, elderly, and low income population groups. The PDCTC participates on the Dutchess County Dial-A-Ride Advisory Board, which monitors demand response services across the County.

C. Administrative/Management

1. Progress Reports

The PDCTC submits progress reports to NYSDOT on a semi-annual basis.

2. Bills

Dutchess County submits reimbursement payment requests to NYSDOT-Region 8 on a quarterly basis, adhering to the State Fiscal Year calendar (April 1-March 31).

3. Audits

Dutchess County and all of its federal programs are audited annually. The most recent report was issued for CY 2015 and showed no discrepancies.

4. Annual Program

The PL and FTA grants remain current. Dutchess County closed out all PL and FTA grants up through 2015-2016.

5. Budget

Dutchess County budgets are kept up-to-date and federal agencies are consulted and informed of proposed revisions to approved UPWP budgets.

6. Consultant Selection

The PDCTC, being hosted by Dutchess County, follows the County's procurement process to advertize and solicit for planning project proposals. The Dutchess County Division of Central Services uses the Empire State Purchasing Group's BidNet system to issue RFP's. During the 2015-2016 program year, the PDCTC did not issue any RFP's.

7. Central Staff/Host Relations

The PDCTC reaffirmed its host agency relationship with Dutchess County and NYSDOT in 2012. Staff recruiting and hiring is done through Dutchess County and complies with New York State Civil Service procedures.

8. Decision-Making

The PDCTC, acting as the local MPO decision-making body, is comprised of 16 voting members. Membership on the PDCTC

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, NYSDOT, and the MTA serve as voting members on the PDCTC, while FHWA, FTA, New York State Bridge Authority, and Dutchess County Planning, Public Works, and Public Transit serve as non-voting advisory members. The PDCTC's Bylaws specify the roles and responsibilities of its staff and committees, including voting membership, the conduct and content of meetings, and the decision-making process. The Council operates by consensus.

The PDCTC 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 PDCTC products. Membership on the Planning Committee is open to all municipalities in Dutchess County.

Day-to-day PDCTC 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.

In addition to internal decision-making, the three MPOs of the Mid-Hudson Valley TMA – PDCTC, OCTC, and UCTC – each endorsed a single MOU that solidifies the working relationship among the three PDCTCs. The MOU establishes the procedures and responsibilities of the three MPOs as they jointly work to meet TMA requirements (e.g. CMP and FTA Section 5307 funding).

In the case of FTA Section 5307 funding, the PDCTC, as part of the Mid-Hudson Valley Transportation Management Area (TMA), endorsed a process for the distribution of competitive funding that establishes project level criteria and procedures to allocate competitive 5307 capital funds. The PDCTC further distributes FTA funds to its three designated recipients: Dutchess County, the City of Poughkeepsie, and the Metropolitan Transportation Authority (MTA).

9. Governance

The PDCTC strives to make sure its planning program meets the most current federal guidance concerning MPO activities, while also incorporating best practices as much as possible. The host agency understands the PDCTC's work responsibilities and accommodates staff to ensure planning goals are met. The PDCTC, its committees, and member agencies continue to work well together and have demonstrated a strong willingness to meet our regional transportation goals.

APPENDIX I
(PDCTC Project Listings)

FINAL DRAFT

** Poughkeepsie-Dutchess County Transportation Council **

TRANSPORTATION IMPROVEMENT PROGRAM (TIP) on Draft Program

Draft FFY 2017-2021 TIP

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **806241** BRIDGE <Exempt>	I84 BRIDGES DUTCHESS COUNTY: THIS PROJECT WILL REPLACE THE WESTBOUND AND EASTBOUND INTERSTATE 84 BRIDGES OVER THE BEACON LINE OF THE METRO-NORTH RAILROAD IN THE TOWN OF FISHKILL, DUTCHESS COUNTY,BINS 1032481 & 1032482		PIT BOND 01/2017 PIT BOND 01/2017 PIT BOND 10/2017 PIT BOND 10/2017	0.600 0.400 1.730 15.150	DETLDES ROWACQU CONINSP CONST		0.600 0.400	 1.730 15.150				
AQC:A19P	DUTCHESS	**TPC: $15-$25 M**	**TOTAL 5YR COST :**	17.880		0.000	1.000	16.880	0.000	0.000	0.000	0.000
NYSDOT **806244** R&P <Exempt>	I-84 ITS: RT 9 - TSP: THIS PROJECT WILL INSTALL INTELLIGENT TRANSPORTATION SYSTEM (ITS) EQUIPMENT ON INTERSTATE 84: RTE 9 - TSP. DUTCHESS COUNTY COMBINE PINS 806242, 806243, & 806245		NHPP 12/2016 SDF 12/2016 NHPP 12/2016 SDF 12/2016	0.115 0.014 1.148 0.130	CONINSP CONINSP CONST CONST		0.115 0.014 1.148 0.130					
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.407		0.000	1.407	0.000	0.000	0.000	0.000	0.000
NYSDOT **814160** STUDY <Exempt>	ROUTE 44/55 @ROUTE 9 (MID-HUDSON BRIDGE) INTERCHANGE: STUDY WILL INVESTIGATE THE SAFETY, OPERATIONAL, & CAPACITY ISSUES THAT EXIST AT THE INTERCHANGE OF ROUTE 9 WITH ROUTES 44/55 (MID HUDSON BRIDGE). VARIOUS IMPROVEMENTS ALTERNATIVES WILL BE INDENTIFIED		SDF 04/2021	0.012	SCOPING						0.012	
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.012		0.000	0.000	0.000	0.000	0.000	0.012	0.000
NYSDOT **839324** INTER <Exempt>	ROUTE 376 AT ROBINSON LANE/LAKE WALTON ROAD INTERSECTION: RECONSTRUCTION TO ADD LEFT TURNING LANES ON ALL FOUR (4) APPROACHES. TOWN OF EAST FISHKILL. S-LU SECTION 1702 <3676 #1592		SDF 03/2016 SDF 03/2016 STP FLEX 12/2015 SDF 12/2015 HSIP 04/2017 SDF 04/2017 HPP 04/2017 SDF 04/2017 HSIP 04/2017 SDF 04/2017	0.000 0.000 0.000 0.000 0.324 0.036 0.360 0.090 3.195 0.355	DETLDES ROWACQU ROWINCD ROWINCD CONINSP CONINSP CONST CONST CONST CONST	0.200 0.350 0.008 0.002	 0.324 0.036 0.360 0.090 3.195 0.355					
AQC:N/A	DUTCHESS	**TPC: $4.6-$7.5 M**	**TOTAL 5YR COST :**	4.360		0.560	4.360	0.000	0.000	0.000	0.000	0.000
DUTCHESS **875538** SAFETY <Exempt>	CR 9 (BEEKMAN ROAD) FROM CR 10 (SYLVAN LAKE ROAD) TO TSP. IMPROVE HORIZONTAL ALIGNMENT, SIGHT DISTANCE, AND CORRECT OTHER SAFETY DEFICIENCIES AS NEEDED. TOWN OF EAST FISHKILL AND TOWN OF BEEKMAN.		STP FLEX 04/2016 LOCAL 04/2016 STP LG URBAN 04/2016 LOCAL 04/2016 STP FLEX 07/2017 LOCAL 07/2017 STP FLEX 07/2017 LOCAL 07/2017	0.000 0.000 0.000 0.000 0.800 0.200 3.600 0.900	PRELDES PRELDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.093 0.023 0.592 0.148	 0.800 0.200 3.600 0.900					
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	5.500		0.856	5.500	0.000	0.000	0.000	0.000	0.000

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DUTCHESS **875544** SAFETY <Exempt>	CR 28 (OLD HOPEWELL ROAD) FROM US 9 TO CR 94 (ALL ANGELS HILL ROAD). IMPROVE HORIZONTAL ALIGNMENT AND SIGHT DISTANCE, CORRECT OTHER SAFETY DEFICIENCIES AS NEEDED. TOWN OF WAPPINGER		STP LG URBAN 12/2015	0.000	PRELDES	0.080						
			LOCAL 12/2015	0.000	PRELDES	0.020						
			STP LG URBAN 09/2016	0.000	ROWACQU	0.186						
			LOCAL 09/2016	0.000	ROWACQU	0.046						
			STP LG URBAN 12/2015	0.000	ROWINCD	0.056						
			LOCAL 12/2015	0.000	ROWINCD	0.014						
			STP LG URBAN 07/2019	0.640	CONINSP				0.640			
			LOCAL 07/2019	0.160	CONINSP				0.160			
			STP LG URBAN 07/2019	4.304	CONST				4.304			
			LOCAL 07/2019	1.076	CONST				1.076			
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	6.180		0.402	0.000	0.000	6.180	0.000	0.000	0.000
DUTCHESS **875545** SAFETY <Exempt>	CR 93 (MYERS CORNERS ROAD) FROM CR 94 (ALL ANGELS HILL ROAD) TO NY 376. IMPROVE HORIZONTAL ALIGNMENT AND SIGHT DISTANCE, CORRECT OTHER SAFETY DEFICIENCIES AS NEEDED. TOWN OF WAPPINGER.		STP LG URBAN 06/2016	0.000	DETLDES	0.048						
			LOCAL 06/2016	0.000	DETLDES	0.012						
			STP LG URBAN 06/2016	0.000	PRELDES	0.052						
			LOCAL 06/2016	0.000	PRELDES	0.013						
			STP LG URBAN 06/2016	0.000	ROWACQU	0.232						
			LOCAL 06/2016	0.000	ROWACQU	0.058						
			STP LG URBAN 06/2016	0.000	ROWINCD	0.060						
			LOCAL 06/2016	0.000	ROWINCD	0.015						
			STP FLEX 10/2021	0.000	CONINSP							0.427
			LOCAL 10/2021	0.000	CONINSP							0.107
			STP FLEX 10/2021	0.000	CONST							4.415
			LOCAL 10/2021	0.000	CONST							1.104
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	0.000		0.490	0.000	0.000	0.000	0.000	0.000	6.053
DUTCHESS **875586** SAFETY <Exempt>	CR 93 (MIDDLEBUSH ROAD) FROM PLEASANT LANE TO CAMELI DRIVE. THIS PROJECT WILL IMPROVE THE ALIGNMENT OF COUNTY ROUTE 93 (MIDDLEBUSH ROAD) BETWEEN PLEASANT LANE AND CAMELI DRIVE. TOWN OF WAPPINGER, DUTCHESS COUNTY		STP FLEX 11/2015	0.000	CONINSP	0.200						
			LOCAL 11/2015	0.000	CONINSP	0.050						
			STP FLEX 11/2015	0.000	CONST	0.880						
			LOCAL 11/2015	0.000	CONST	0.220						
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	0.000		1.350	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **875591** BRIDGE <Exempt>	CR 14 (HOLLOW ROAD) OVER THE LITTLE WAPPINGER CREEK (BRIDGE C-19, BIN 3342820). BRIDGE RECONSTRUCTION & REALIGNING 1,200' OF ROAD. TOWN OF CLINTON.		STP-OFF 09/2016	0.000	CONINSP	0.127						
			LOCAL 09/2016	0.000	CONINSP	0.032						
			STP-OFF 09/2016	0.000	CONST	0.938						
			LOCAL 09/2016	0.000	CONST	0.234						
			LOCAL 09/2016	0.000	CONST	0.543						
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	0.000		1.874	0.000	0.000	0.000	0.000	0.000	0.000

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Draft FFY 2017-2021 TIP

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
LOCAL **875663** BRIDGE <Exempt>	MANSION STREET OVER THE FALLKILL CREEK (BIN 2262750). BRIDGE REPLACEMENT. CITY OF POUGHKEEPSIE.		STP-OFF 12/2019	0.137	DETLDES					0.137		
			LOCAL 12/2019	0.034	DETLDES					0.034		
			STP-OFF 12/2019	0.137	PRELDES					0.137		
			LOCAL 12/2019	0.034	PRELDES					0.034		
			STP-OFF 12/2019	0.034	ROWINCD					0.034		
			LOCAL 12/2019	0.008	ROWINCD					0.008		
			STP-OFF 12/2020	0.009	ROWACQU						0.009	
			LOCAL 12/2020	0.002	ROWACQU						0.002	
			STP-OFF 07/2022	0.000	CONINSP							0.191
			LOCAL 07/2022	0.000	CONINSP							0.048
			STP-OFF 07/2022	0.000	CONST							1.584
			LOCAL 07/2022	0.000	CONST							0.396
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	0.395		0.000	0.000	0.000	0.000	0.384	0.011	2.219
DUTCHESS **875726** BRIDGE <Exempt>	CR 78 (BROADWAY) OVER THE STONY CREEK (BIN 1047720). BRIDGE REPLACEMENT. VILLAGE OF TIVOLI.		STP-OFF 09/2016	0.000	CONINSP	0.154						
			LOCAL 09/2016	0.000	CONINSP	0.038						
			STP-OFF 09/2016	0.000	CONST	0.914						
			LOCAL 09/2016	0.000	CONST	0.229						
			LOCAL 09/2016	0.000	CONST	0.282						
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	0.000		1.617	0.000	0.000	0.000	0.000	0.000	0.000
LOCAL **875730** RECON <Exempt>	FISHKILL AVENUE FROM BEACON CITY LINE - MAIN STREET: PROJECT WILL RESURFACE, REPLACE SIGNALS, REHAB DRAINAGE, CURBS & SIDEWALKS FISHKILLL AVENUE ROADWAY FROM BEACON CITY LINE - MAIN STREET,TO BRING TO STATE OF GOOD REPAIR. CITY OF BEACON, DUTCHESS COUNTY		STP LG URBAN 06/2016	0.000	PRELDES	0.066						
			LOCAL 06/2016	0.000	PRELDES	0.017						
			STP LG URBAN 06/2017	0.068	DETLDES		0.068					
			LOCAL 06/2017	0.017	DETLDES		0.017					
			STP LG URBAN 03/2020	0.077	CONINSP					0.077		
			LOCAL 03/2020	0.019	CONINSP					0.019		
			STP LG URBAN 03/2020	0.720	CONST					0.720		
			LOCAL 03/2020	0.180	CONST					0.180		
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	1.081		0.083	0.085	0.000	0.000	0.996	0.000	0.000
LOCAL **875780** RECON <Exempt>	TELLER AVENUE FROM MAIN STREET TO WOLCOTT AVENUE. PAVEMENT RECONSTRUCTION. CITY OF BEACON.		STP LG URBAN 04/2016	0.000	DETLDES	0.068						
			LOCAL 04/2016	0.000	DETLDES	0.017						
			STP LG URBAN 04/2020	0.096	CONINSP					0.096		
			LOCAL 04/2020	0.024	CONINSP					0.024		
			STP LG URBAN 04/2020	0.864	CONST					0.864		
			LOCAL 04/2020	0.216	CONST					0.216		
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.200		0.085	0.000	0.000	0.000	1.200	0.000	0.000

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LOCAL **875782** INTER <Exempt>	CREEK ROAD AT SMITH STREET AND LITTLE GEORGE STREET. INTERSECTION RECONSTRUCTION. THIS PROJECT WILL RECONFIGURE THE INTERSECTION OF CREEK ROAD, SMITH STREET, AND LITTLE GEORGE STREET. CITY OF POUGHKEEPSIE. DUTCHESS COUNTY		STP LG URBAN 04/2016 LOCAL 04/2016 STP LG URBAN 04/2016 LOCAL 04/2016	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	0.128 0.032 0.800 0.200						
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.000		1.160	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **875871** TRAFFIC <Exempt>	CR 28 (OLD HOPEWELL ROAD) AT CR 94 (ALL ANGELS HILL ROAD). PROVIDE WIDENED APPROACHES TO ACCOMMODATE TURN LANES, IMPROVED SHOULDERS & CHANNELIZATION; INCLUDES NEW PAVEMENT, PAVEMENT MARKINGS, DRAINAGE, SIGNS, & GUIDERAIL. TOWN OF WAPPINGER		STP LG URBAN 09/2019 LOCAL 09/2019 STP LG URBAN 09/2019 LOCAL 09/2019	0.170 0.042 1.189 0.297	CONINSP CONINSP CONST CONST				0.170 0.042 1.189 0.297			
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.698		0.000	0.000	0.000	1.698	0.000	0.000	0.000
DUTCHESS **875874** MOBIL <Exempt>	HARLEM VALLEY RAIL TRAIL, PHASE IV. CONSTRUCT A SEVEN (7) MILE SEGMENT OF A PAVED, 10 FOOT WIDE BIKEWAY BETWEEN MILLERTON AND THE COLUMBIA COUNTY LINE. VILLAGE OF MILLERTON AND TOWN OF NORTH EAST		STP FLEX 07/2016 LOCAL 07/2016 STP FLEX 10/2016 LOCAL 10/2016 STP FLEX 07/2018 LOCAL 07/2018 STP FLEX 07/2018 LOCAL 07/2018	0.000 0.000 0.009 0.002 0.378 0.094 4.991 1.248	ROWACQU ROWACQU ROWINCD ROWINCD CONINSP CONINSP CONST CONST	0.134 0.034	 0.009 0.002	 0.378 0.094 4.991 1.248				
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	6.722		0.168	0.011	6.711	0.000	0.000	0.000	0.000
LOCAL **875909** MOBIL <Exempt>	ACADEMY STREET FROM MONTGOMERY STREET TO SOUTH AVENUE. RECONSTRUCTION AND DRAINAGE IMPROVEMENTS INCLUDING NEW CURBING, SIDEWALKS AND STREET LIGHTS. CITY OF POUGHKEEPSIE.		STP FLEX 12/2019 LOCAL 12/2019 STP FLEX 12/2019 LOCAL 12/2019 STP FLEX 12/2019 LOCAL 12/2019 STP LG URBAN 12/2020 LOCAL 12/2020 STP LG URBAN 10/2021 LOCAL 10/2021 STP LG URBAN 10/2021 LOCAL 10/2021	0.143 0.036 0.145 0.036 0.004 0.001 0.014 0.003 0.000 0.000 0.000 0.000	DETLDES DETLDES PRELDES PRELDES ROWINCD ROWINCD ROWACQU ROWACQU CONINSP CONINSP CONST CONST					0.143 0.036 0.145 0.036 0.004 0.001	 0.014 0.003	 0.173 0.043 2.016 0.504
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	0.382		0.000	0.000	0.000	0.000	0.365	0.017	2.736

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LOCAL **875982** MOBIL <Exempt>	GRAND AVENUE FROM MAIN STREET TO HOOKER AVENUE. RECONSTRUCTION INCLUDES RESURFACING, UPGRADING SIDEWALKS & CURB, DRAINAGE & SIGNAGE. ALSO INCLUDES SIGNIFICANT TRAFFIC CALMING ELEMENTS. CITY OF POUGHKEEPSIE.		STP FLEX 02/2019	0.083	DETLDES				0.083			
			LOCAL 02/2019	0.021	DETLDES				0.021			
			STP FLEX 02/2019	0.083	PRELDES				0.083			
			LOCAL 02/2019	0.021	PRELDES				0.021			
			STP FLEX 02/2019	0.008	ROWINCD				0.008			
			LOCAL 02/2019	0.002	ROWINCD				0.002			
			STP LG URBAN 03/2020	0.010	ROWACQU					0.010		
			LOCAL 03/2020	0.002	ROWACQU					0.002		
			STP LG URBAN 10/2021	0.000	CONINSP							0.125
			LOCAL 10/2021	0.000	CONINSP							0.031
			STP LG URBAN 10/2021	0.000	CONST							1.584
			LOCAL 10/2021	0.000	CONST							0.396
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	0.230		0.000	0.000	0.000	0.218	0.012	0.000	2.136
LOCAL **875983** BRIDGE <Exempt>	WASHINGTON STREET OVER THE FALLKILL CREEK (BIN 2262670). RECONSTRUCTION OF EXISTING HISTORIC STONE ARCH BRIDGE TO MAINTAIN FUTURE SERVICEABILITY AND ADDRESS YELLOW FLAG CONDITIONS. CITY OF POUGHKEEPSIE.		STP-OFF 12/2019	0.123	DETLDES					0.123		
			LOCAL 12/2019	0.031	DETLDES					0.031		
			STP-OFF 12/2019	0.123	PRELDES					0.123		
			LOCAL 12/2019	0.031	PRELDES					0.031		
			STP-OFF 12/2019	0.008	ROWINCD					0.008		
			LOCAL 12/2019	0.002	ROWINCD					0.002		
			STP-OFF 12/2020	0.009	ROWACQU						0.009	
			LOCAL 12/2020	0.002	ROWACQU						0.002	
			STP-OFF 07/2022	0.000	CONINSP							0.112
			LOCAL 07/2022	0.000	CONINSP							0.028
			STP-OFF 07/2022	0.000	CONST							1.864
			LOCAL 07/2022	0.000	CONST							0.466
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	0.329		0.000	0.000	0.000	0.000	0.318	0.011	2.470
LOCAL **876031** R&P <Exempt>	TOWN OF PAWLING, OLD ROUTE 55. ROADWAY RESURFACING FROM ROUTE 55 TO THE PAWLING TOWN LINE. SAFETEA LU SECTION 1704 HPP #1804, NY#440		HPP 09/2019	0.360	CONST				0.360			
			LOCAL 09/2019	0.090	CONST				0.090			
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.450		0.000	0.000	0.000	0.450	0.000	0.000	0.000
LOCAL **876047** RECON <Exempt>	EXPANSION OF THE TOWN OF BEEKMAN HIGHWAY GARAGE, TOWN OF BEEKMAN, DUTCHESS COUNTY. EARMARK #1870		**LOCAL** 07/2017	0.015	CONINSP		0.015					
			HPP 07/2017	0.144	CONST		0.144					
			LOCAL 07/2017	0.036	CONST		0.036					
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.195		0.000	0.195	0.000	0.000	0.000	0.000	0.000

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LOCAL **876123** MOBIL <Exempt>	HYDE PARK NYS ROUTE 9 PEDESTRIAN IMPROVEMENTS TO INCLUDE INSTALLATION OF NEW SIDEWALKS , CROSSWALKS, AND CURBING OF THE EAST-SIDE OF NYS ROUTE 9 FROM WATER TOWER RD TO PARK PLAZA. TOWN OF HYDE PARK, DUTCHESS COUNTY		TAP LG URBAN 01/2017 LOCAL 01/2017 TAP LG URBAN 01/2017 LOCAL 01/2017	0.043 0.011 0.556 0.139	CONINSP CONINSP CONST CONST		0.043 0.011 0.556 0.139					
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.749		0.000	0.749	0.000	0.000	0.000	0.000	0.000
LOCAL **876124** MOBIL <Exempt>	RED HOOK NYS ROUTE 9 PEDESTRIAN IMPROVEMENTS TO INCLUDE INSTALLATION OF NEW SIDEWALKS, CROSSWALKS, AND LANDSCAPING ON THE EAST-SIDE OF NYS ROUTE 9 FROM RED HOOK TOWN HALL TO HARDSCRABBLE PLAZA. TOWN OF RED HOOK, DUTCHESS COUNTY		TAP LG URBAN 01/2017 LOCAL 01/2017 TAP LG URBAN 01/2017 LOCAL 01/2017	0.073 0.018 0.488 0.122	CONINSP CONINSP CONST CONST		0.073 0.018 0.488 0.122					
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.701		0.000	0.701	0.000	0.000	0.000	0.000	0.000
LOCAL **876125** MOBIL <Exempt>	CITY OF BEACON MAIN STREET PEDESTRIAN IMPROVEMENTS TO INCLUDE INSTALLATION OF NEW SIDEWALKS, CURBING, BUMP-OUTS, ADA RAMPS, AND CROSSWALKS AT SELECT INTERSECTION FROM NYS ROUTE 9D TO TELLER/FISHKILL AVE. CITY OF BEACON, DUTCHESS CO.		TAP LG URBAN 10/2017 LOCAL 10/2017 TAP LG URBAN 10/2017 LOCAL 10/2017	0.127 0.032 0.639 0.160	CONINSP CONINSP CONST CONST			0.127 0.032 0.639 0.160				
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.958		0.000	0.000	0.958	0.000	0.000	0.000	0.000
LOCAL **876126** MOBIL <Exempt>	WAPPINGERS FALLS PEDESTRIAN SAFETY IMPROVEMENTS TO INCLUDE INSTALLATION OF NEW ADA RAMPS, CROSSWALKS, AND CURBS, TO EAST/WEST MAIN STREET (NYS ROUTE 9D). VILLAGE OF WAPPINGERS FALLS, DUTCHESS COUNTY		LOCAL 12/2016 TAP LG URBAN 12/2016 LOCAL 12/2016	0.045 0.699 0.175	CONINSP CONST CONST		0.045 0.699 0.175					
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.919		0.000	0.919	0.000	0.000	0.000	0.000	0.000
NYSDOT **881149** SAFETY <Exempt>	RUSTIC RAIL REPLACEMENT IN DUTCHESS COUNTY. THE PROJECT WILL REHABILITATE THE GUIDERAIL SYSTEM ON STATE HIGHWAYS; PROVIDE SATISFACTORY FUNCTIONALITY IN A COST EFFECTIVE MANNER.		STP FLEX 03/2017 SDF 03/2017 STP FLEX 04/2018 SDF 04/2018 STP FLEX 04/2018 SDF 04/2018	0.012 0.003 0.253 0.063 2.528 0.632	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.012 0.003	0.253 0.063 2.528 0.632				
AQC:N/A	DUTCHESS	**TPC: $3.3-$5.6 M**	**TOTAL 5YR COST :**	3.491		0.000	0.015	3.476	0.000	0.000	0.000	0.000

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NYSDOT **881288** SAFETY <Exempt>	ROUTE 376 SPECIAL SURFACE TREATMENT TO MILL AND FILL FROM HACKENSACK HEIGHTS RD (MILE POINT 8.03) TO RED OAKS MILL RD (MILE POINT 10.15) WITHIN THE TOWNS OF WAPPINGERS FALLS AND LAGRANGE IN DUTCHESS COUNTY.		SDF 01/2016	0.000	DETLDES	0.020						
			HSIP 12/2017	0.184	CONINSP			0.184				
			SDF 12/2017	0.020	CONINSP			0.020				
			HSIP 12/2017	1.530	CONST			1.530				
			SDF 12/2017	0.170	CONST			0.170				
AQC:A10P	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.904		0.020	0.000	1.904	0.000	0.000	0.000	0.000
DUTCHESS **8TD001** TRANSIT <Exempt>	INSTALLATION OF SECURE ACCESS SYSTEM FOR THE DUTCHESS COUNTY PUBLIC TRANSIT FACILITY AT 14 COMMERCE ST IN THE TOWN OF LAGRANGE		STATE 09/2016	0.000	MISC	0.057						
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.057	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TD002** TRANSIT <Exempt>	PURCHASE OF GARAGE AND OFFICE EQUIPMENT AND FURNITURE FOR DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM		FTA NA 12/2015	0.000	MISC	0.000						
			STATE 12/2015	0.000	MISC	0.050						
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.050	0.000	0.000	0.000	0.000	0.000	0.000
C/POUGHKEEPSIE **8TD007** TRANSIT <Exempt>	PURCHASE OF FOUR (4) HEAVY-DUTY DIESEL ELECTRIC BUSES FOR THE CITY OF POUGHKEEPSIE BUS SYSTEM.		FTA 5307 10/2019	1.275	MISC					1.275		
			LOCAL 10/2019	0.240	MISC					0.240		
			STATE 10/2019	0.240	MISC					0.240		
			FTA 5339 10/2019	0.645	MISC					0.645		
			LOCAL 10/2019	0.080	MISC					0.080		
			STATE 10/2019	0.080	MISC					0.080		
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	2.560		0.000	0.000	0.000	0.000	2.560	0.000	0.000
C/POUGHKEEPSIE **8TD008** TRANSIT <Exempt>	PURCHASE OF ONE (1) TRANSIT SUPPORT VEHICLE FOR THE CITY OF POUGHKEEPSIE BUS SYSTEM.		FTA 5307 10/2018	0.032	MISC				0.032			
			LOCAL 10/2018	0.004	MISC				0.004			
			STATE 10/2018	0.004	MISC				0.004			
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.040		0.000	0.000	0.000	0.040	0.000	0.000	0.000
DUTCHESS **8TD009** TRANSIT <Exempt>	PURCHASE THIRTEEN (13) HEAVY-DUTY BUSES FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM.		FTA 5307 10/2020	2.138	MISC						2.138	
			STATE 10/2020	0.267	MISC						0.267	
			LOCAL 10/2020	0.267	MISC						0.267	
			FTA 5339 10/2020	2.138	MISC						2.138	
			LOCAL 10/2020	0.267	MISC						0.267	
			STATE 10/2020	0.267	MISC						0.267	
AQC:N/A	DUTCHESS	**TPC: $4.6-$7.5 M**	**TOTAL 5YR COST :**	5.344		0.000	0.000	0.000	0.000	0.000	5.344	0.000

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LOCAL **8TD010** TRANSIT <Exempt>	REGIONAL TRANSIT PLANNING SUPPORT TO INCLUDE COMPLETION OF A REGIONAL TRANSIT PLAN FOR THE MID-HUDSON VALLEY TRANSPORTATION MANAGEMENT AREA.		FTA 5307 10/2016 STATE 10/2016 FTA 5307 10/2017 STATE 10/2017	0.250 0.062 0.250 0.062	MISC MISC MISC MISC		0.250 0.062	 0.250 0.062				
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.624		0.000	0.312	0.312	0.000	0.000	0.000	0.000
DUTCHESS **8TD011** TRANSIT <Exempt>	INSTALL ELECTRONIC BUS SCHEDULE MONITORING SYSYTEM (ITS) AT THE BEACON AND POUGHKEEPSIE TRAIN STATIONS, CITY OF POUGKEEPSIE INTERMODAL CENTER, AND GALLERIA MALL. ITS WILL DISPLAY REAL-TIME ARRIVAL AND DEPARTURES		FTA 5307 10/2016 LOCAL 10/2016 STATE 10/2016	0.390 0.049 0.049	MISC MISC MISC		0.390 0.049 0.049					
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.488		0.000	0.488	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TD012** TRANSIT <Exempt>	DUTCHESS COUNTY PUBLIC TRANSIT FACILITY IMPROVEMENTS: PROJECT WILL INCLUDE REPLACEMENT OF EXTERIOR WINDOWS AND INSTALLATION OF NEW ENERGY EFFICIENT INSULATION TO MAINTAIN STATE OF GOOD REPAIR.		FTA 5339 10/2016 LOCAL 10/2016 STATE 10/2016	1.320 0.165 0.165	MISC MISC MISC		1.320 0.165 0.165					
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.650		0.000	1.650	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TD013** TRANSIT <Exempt>	PURCHASE BUS SIMULATOR FOR BUS OPERATOR TRAINING FOR DUTCHESS COUNTY PUBLIC TRANSIT		FTA 5307 10/2016 LOCAL 10/2016 STATE 10/2016	0.208 0.016 0.016	MISC MISC MISC		0.208 0.016 0.016					
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.240		0.000	0.240	0.000	0.000	0.000	0.000	0.000

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C/POUGHKEEPSIE	PREVENTATIVE MAINTENANCE CAPITAL FUEL COSTS FOR THE POUGHKEEPSIE TRANSIT SYSTEM TO INCLUDE VEHICLE LIFTS, CLEANING EQUIPMENT, MAINTENANCE SOFTWARE, FUEL DISPENSING EQUIPMENT, AND MISC. FACILITY EQUIPMENT.		FTA 5307 10/2015	0.000	MISC	0.216						
8TRD31			LOCAL 10/2015	0.000	MISC	0.027						
TRANSIT			STATE 10/2015	0.000	MISC	0.027						
<Exempt>			FTA 5307 10/2016	0.216	MISC		0.216					
			LOCAL 10/2016	0.027	MISC		0.027					
			STATE 10/2016	0.027	MISC		0.027					
			FTA 5307 10/2017	0.216	MISC			0.216				
			LOCAL 10/2017	0.027	MISC			0.027				
			STATE 10/2017	0.027	MISC			0.027				
			FTA 5307 10/2018	0.216	MISC				0.216			
			LOCAL 10/2018	0.027	MISC				0.027			
			STATE 10/2018	0.027	MISC				0.027			
			FTA 5307 10/2019	0.216	MISC					0.216		
			LOCAL 10/2019	0.027	MISC					0.027		
			STATE 10/2019	0.027	MISC					0.027		
			FTA 5307 10/2020	0.216	MISC						0.216	
			LOCAL 10/2020	0.027	MISC						0.027	
			STATE 10/2020	0.027	MISC						0.027	
AQC:N/A	DUTCHESS	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	1.350		0.270	0.270	0.270	0.270	0.270	0.270	0.000
DUTCHESS	PREVENTIVE MAINTENANCE FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM.		FTA 5307 01/2016	0.000	MISC	1.357						
8TRD32			LOCAL 01/2016	0.000	MISC	0.170						
TRANSIT			STATE 01/2016	0.000	MISC	0.170						
<Exempt>			FTA 5307 01/2017	1.357	MISC		1.357					
			LOCAL 01/2017	0.170	MISC		0.170					
			STATE 01/2017	0.170	MISC		0.170					
			FTA 5307 01/2018	1.357	MISC			1.357				
			LOCAL 01/2018	0.170	MISC			0.170				
			STATE 01/2018	0.170	MISC			0.170				
			FTA 5307 01/2019	1.357	MISC				1.357			
			LOCAL 01/2019	0.170	MISC				0.170			
			STATE 01/2019	0.170	MISC				0.170			
			FTA 5307 01/2020	1.357	MISC					1.357		
			LOCAL 01/2020	0.170	MISC					0.170		
			STATE 01/2020	0.170	MISC					0.170		
			FTA 5307 01/2021	1.357	MISC						1.357	
			LOCAL 01/2021	0.170	MISC						0.170	
			STATE 01/2021	0.170	MISC						0.170	
AQC:N/A	DUTCHESS	**TPC: $9.5-15.5 M**	**TOTAL 5YR COST :**	8.485		1.697	1.697	1.697	1.697	1.697	1.697	0.000

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DUTCHESS	PROJECT ADMINISTRATION TO SUPPORT TRANSIT SERVICES FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM.		FTA 5307 10/2015	0.000	MISC	0.321						
8TRD34			LOCAL 10/2015	0.000	MISC	0.041						
TRANSIT			STATE 10/2015	0.000	MISC	0.041						
<Exempt>			FTA 5307 10/2016	0.446	MISC		0.446					
			LOCAL 10/2016	0.056	MISC		0.056					
			STATE 10/2016	0.056	MISC		0.056					
			FTA 5307 10/2017	0.446	MISC			0.446				
			LOCAL 10/2017	0.056	MISC			0.056				
			STATE 10/2017	0.056	MISC			0.056				
			FTA 5307 10/2018	0.446	MISC				0.446			
			LOCAL 10/2018	0.056	MISC				0.056			
			STATE 10/2018	0.056	MISC				0.056			
			FTA 5307 10/2019	0.446	MISC					0.446		
			LOCAL 10/2019	0.056	MISC					0.056		
			STATE 10/2019	0.056	MISC					0.056		
			FTA 5307 10/2020	0.446	MISC						0.446	
			LOCAL 10/2020	0.056	MISC						0.056	
			STATE 10/2020	0.056	MISC						0.056	
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	2.790		0.403	0.558	0.558	0.558	0.558	0.558	0.000
C/POUGHKEEPSIE	INSTALL INTELLIGENT TRANSPORTATION SYSTEM (ITS) EQUIPMENT FOR THE CITY OF POUGHKEEPSIE TRANSIT SYSTEM. DEPLOYMENT OF VEHICLE GPS AND PASSENGER TRAVEL-TIME INFORMATION TECHNOLOGY.		FTA 5307 10/2017	0.060	MISC			0.060				
8TRD47			LOCAL 10/2017	0.008	MISC			0.008				
TRANSIT			STATE 10/2017	0.008	MISC			0.008				
<Exempt>												
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.076		0.000	0.000	0.076	0.000	0.000	0.000	0.000
C/POUGHKEEPSIE	OPERATING ASSISTANCE FOR CITY OF POUGHKEEPSIE TRANSIT BUS SYSTEM. CITY OF POUGHKEEPSIE, DUTCHESS COUNTY		FTA 5307 10/2015	0.000	MISC	0.200						
8TRD50			LOCAL 10/2015	0.000	MISC	0.200						
TRANSIT			FTA 5307 10/2016	0.200	MISC		0.200					
<Exempt>			**LOCAL** 10/2016	0.200	MISC		0.200					
			FTA 5307 10/2017	0.200	MISC			0.200				
			LOCAL 10/2017	0.200	MISC			0.200				
			FTA 5307 10/2018	0.200	MISC				0.200			
			LOCAL 10/2018	0.200	MISC				0.200			
			FTA 5307 10/2019	0.200	MISC					0.200		
			LOCAL 10/2019	0.200	MISC					0.200		
			FTA 5307 10/2020	0.200	MISC						0.200	
			LOCAL 10/2020	0.200	MISC						0.200	
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	2.000		0.400	0.400	0.400	0.400	0.400	0.400	0.000

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**** Poughkeepsie-Dutchess County Transportation Council ****

TRANSPORTATION IMPROVEMENT PROGRAM (TIP) on Draft Program

Draft FFY 2017-2021 TIP

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
C/POUGHKEEPSIE **8TRD62** TRANSIT <Exempt>	INSTALLATION OF BUS SHELTERS AND SIGNS WITH SCHEDULE INFORMATION FOR THE CITY OF POUGHKEEPSIE TRANSIT SYSTEM		FTA 5307 10/2016	0.100	MISC		0.100					
			STATE 10/2016	0.013	MISC		0.013					
			LOCAL 10/2016	0.013	MISC		0.013					
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.126		0.000	0.126	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TRD71** TRANSIT <Exempt>	ABOVE GROUND FUEL TANK FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM. INSTALL RECLAMATION SYSTEM FOR BUS WASHING, NEW ABOVE GROUND FUEL STORAGE TANKS, SIDEWALK REPLACEMENT & OTHER FACILITY REHAB IMPROVEMENTS TO INCLUDE SECURITY CAMERAS AND FENCING		FTA 5307 07/2016	0.000	MISC	0.192						
			LOCAL 07/2016	0.000	MISC	0.024						
			STATE 07/2016	0.000	MISC	0.024						
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	0.000		0.240	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TRD73** TRANSIT <Exempt>	MOBILE COMMUNICATION SYSTEM WITH GPS CAPABILITY AND PURCHASE OF NEW ITS SCHEDULING SOFTWARE. FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM.		FTA 5307 04/2016	0.000	MISC	0.156						
			LOCAL 04/2016	0.000	MISC	0.020						
			STATE 04/2016	0.000	MISC	0.020						
			FTA 5307 01/2017	0.200	MISC		0.200					
			LOCAL 01/2017	0.025	MISC		0.025					
			STATE 01/2017	0.025	MISC		0.025					
			FTA 5307 01/2018	0.200	MISC			0.200				
			LOCAL 01/2018	0.025	MISC			0.025				
			STATE 01/2018	0.025	MISC			0.025				
			FTA 5307 01/2019	0.060	MISC				0.060			
			LOCAL 01/2019	0.007	MISC				0.007			
			STATE 01/2019	0.008	MISC				0.008			
			FTA 5307 01/2020	0.060	MISC					0.060		
			LOCAL 01/2020	0.007	MISC					0.007		
			STATE 01/2020	0.008	MISC					0.008		
			FTA 5307 01/2021	0.060	MISC						0.060	
			LOCAL 01/2021	0.007	MISC						0.007	
			STATE 01/2021	0.008	MISC						0.008	
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.725		0.196	0.250	0.250	0.075	0.075	0.075	0.000
DUTCHESS **8TRD79** TRANSIT <Exempt>	REFURBISH THE GARAGE FLOOR AT THE DUTCHESS COUNTY PUBLIC TRANSIT FACILITY TO INCLUDE DRAINAGE IMPROVEMENTS, RESEALING WORK, AND GENERAL REPAIRS. NY-90-X669-00		FTA 5307 04/2016	0.000	MISC	0.160						
			STATE 04/2016	0.000	MISC	0.020						
			LOCAL 04/2016	0.000	MISC	0.020						
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.200	0.000	0.000	0.000	0.000	0.000	0.000

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Draft FFY 2017-2021 TIP

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016 PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
DUTCHESS **8TRD84** TRANSIT <Exempt>	DUTCHESS COUNTY PUBLIC TRANSIT FOR RURAL AREAS OUTSIDE 3/4 MILE OF A FIXED ROUTE. DUTCHESS COUNTY		FTA 5307 01/2016 LOCAL 01/2016 FTA 5307 01/2017 **LOCAL** 01/2017 FTA 5307 01/2018 LOCAL 01/2018 FTA 5307 01/2019 LOCAL 01/2019 FTA 5307 01/2020 LOCAL 01/2020 FTA 5307 01/2021 LOCAL 01/2021	0.000 0.000 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC	0.045 0.045	0.050 0.050	0.050 0.050	0.050 0.050	0.050 0.050	0.050 0.050	
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.500		0.090	0.100	0.100	0.100	0.100	0.100	0.000
DUTCHESS **8TRD85** TRANSIT <Exempt>	TRANSPORTATION ENHANCEMENT ACTIVITIES DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM: INCLUDES PURCHASE OF BICYCLE RACKS, ADVERTISING FRAMES, AND BUS STOP SHELTERS. DUTCHESS COUNTY		FTA 5307 09/2016 LOCAL 09/2016 STATE 09/2016	0.000 0.000 0.000	MISC MISC MISC	0.063 0.008 0.008						
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.079	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TRD87** TRANSIT <Exempt>	PURCHASE FOUR (4) REPLACEMENT BATTERIES FOR DUTCHESS COUNTY PUBLIC TRANSIT EXISTING DIESEL-ELECTRIC HYBRID BUSES THAT ARE IN NEED OF REPLACEMENT . DUTCHESS COUNTY.		FTA 5307 01/2016 STATE 01/2016 LOCAL 01/2016	0.000 0.000 0.000	MISC MISC MISC	0.160 0.020 0.020						
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.200	0.000	0.000	0.000	0.000	0.000	0.000
DUTCHESS **8TRD88** TRANSIT <Exempt>	PURCHASE TWO (2) TRANSIT SUPPORT VEHICLES FOR THE DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM. DUTCHESS COUNTY		FTA 5307 01/2018 LOCAL 01/2018 STATE 01/2018	0.064 0.008 0.008	MISC MISC MISC			0.064 0.008 0.008				
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.080		0.000	0.000	0.080	0.000	0.000	0.000	0.000
C/POUGHKEEPSIE **8TRD89** TRANSIT <Exempt>	PURCHASE TWO (2) HEAVY DUTY BUSES FOR NORMAL SYSTEM REPLACEMENT FOR CITY OF POUGHKEEPSIE BUS SYSTEM. CITY OF POUGHKEEPSIE, DUTCHESS COUNTY		FTA 5307 10/2016 **LOCAL** 10/2016 **STATE** 10/2016	0.640 0.080 0.080	MISC MISC MISC		0.640 0.080 0.080					
AQC:N/A	DUTCHESS	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	0.800		0.000	0.800	0.000	0.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
C/POUGHKEEPSIE **8TRD90** TRANSIT <Exempt>	PURCHASE TWO (2) REPLACEMENT BATTERIES FOR EXISTING HYBRID TRANSIT VEHICLES IN THE CITY OF POUGHKEEPSIE TRANSIT SYSTEM THAT ARE IN NEED OF REPLACEMENT DUE TO MAINTANANCE SCHEDULE. CITY OF POUGHKEEPSIE, DUTCHESS COUNTY		FTA 5307 10/2017 STATE 10/2017 LOCAL 10/2017	0.080 0.010 0.010	MISC MISC MISC			0.080 0.010 0.010				
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.100		0.000	0.000	0.100	0.000	0.000	0.000	0.000
DUTCHESS **8TRD91** TRANSIT <Exempt>	FUNDS TO OFFSET OPERATING COSTS OF PROVIDING TRANSIT SERVICE IN DUTCHESS COUNTY TO INCLUDE RAILLINK SERVICES		FTA 5307 01/2016 LOCAL 01/2016 FTA 5311 01/2016 FTA 5307 01/2017 LOCAL 01/2017 FTA 5311 01/2017 LOCAL 01/2017 FTA 5307 01/2018 LOCAL 01/2018 FTA 5311 01/2018 LOCAL 01/2018 FTA 5307 01/2019 LOCAL 01/2019 FTA 5311 01/2019 LOCAL 01/2019 FTA 5307 01/2020 LOCAL 01/2020 FTA 5311 01/2020 LOCAL 01/2020 FTA 5307 01/2021 LOCAL 01/2021 FTA 5311 01/2021 LOCAL 01/2021	0.000 0.000 0.000 0.700 0.700 0.096 0.096 0.703 0.703 0.096 0.096 0.450 0.450 0.096 0.096 0.450 0.450 0.096 0.096 0.450 0.450 0.096 0.096	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC	0.450 0.450 0.078	0.700 0.700 0.096 0.096	0.703 0.703 0.096 0.096	0.450 0.450 0.096 0.096	0.450 0.450 0.096 0.096	0.450 0.450 0.096 0.096	
AQC:N/A	DUTCHESS	**TPC: $6-$9.4 M**	**TOTAL 5YR COST :**	6.466		0.978	1.592	1.598	1.092	1.092	1.092	0.000
DUTCHESS **8TRD92** TRANSIT <Exempt>	PURCHASE OF EIGHT (8) REPLACEMENT MEDIUM-DUTY BUSES (FFY 2017). DUTCHESS COUNTY PUBLIC TRANSIT.		FTA 5307 01/2017 LOCAL 01/2017 FTA 5339 01/2017 LOCAL 01/2017 STATE 01/2017	1.878 0.469 0.753 0.328 0.328	MISC MISC MISC MISC MISC		1.878 0.469 0.753 0.328 0.328					
AQC:N/A	DUTCHESS	**TPC: $3.3-$5.6 M**	**TOTAL 5YR COST :**	3.756		0.000	3.756	0.000	0.000	0.000	0.000	0.000

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METRO-NORTH	DUTCHESS COUNTY 5337 BLOCK FOR STATE OF GOOD REPAIR GRANT. PROJECTS ARE LIMITED TO REPLACEMENT AND REHABILITATION, OR CAPTIAL PROJECTS REQUIRED TO MAINTAIN PUBLIC TRANSPORTATION SYSTEM IN A STATE OF GOOD REPAIR.		FTA 5337 01/2016	0.000	MISC	5.121						
			LOCAL 01/2016	0.000	MISC	0.418						
8TRD93			FTA 5337 01/2017	5.065	MISC		5.065					
TRANSIT			**LOCAL** 01/2017	1.266	MISC		1.266					
<Exempt>			FTA 5337 01/2018	5.065	MISC			5.065				
			LOCAL 01/2018	1.266	MISC			1.266				
			FTA 5337 01/2019	5.065	MISC				5.065			
			LOCAL 01/2019	1.266	MISC				1.266			
			FTA 5337 01/2020	5.065	MISC					5.065		
			LOCAL 01/2020	1.266	MISC					1.266		
			FTA 5337 01/2021	5.065	MISC						5.065	
			LOCAL 01/2021	1.266	MISC						1.266	
AQC:N/A	DUTCHESS	**TPC: $32-$50 M**	**TOTAL 5YR COST :**	31.655		5.539	6.331	6.331	6.331	6.331	6.331	0.000
DUTCHESS	DUTCHESS COUNTY SECTION 5310 PROGRAM-VEHICLES TO PROVIDE TRANSPORTATION FOR ELDERLY AND PERSONS WITH DISABILITIES BY PRIVATE NOT-FOR-PROFIT AGENCIES		FTA 5310 01/2016	0.000	MISC	0.311						
			LOCAL 01/2016	0.000	MISC	0.078						
8TRD94			FTA 5310 01/2017	0.311	MISC		0.311					
TRANSIT			**LOCAL** 01/2017	0.078	MISC		0.078					
<Exempt>			FTA 5310 01/2018	0.311	MISC			0.311				
			LOCAL 01/2018	0.078	MISC			0.078				
			FTA 5310 01/2019	0.311	MISC				0.311			
			LOCAL 01/2019	0.078	MISC				0.078			
			FTA 5310 01/2020	0.311	MISC					0.311		
			LOCAL 01/2020	0.078	MISC					0.078		
			FTA 5310 01/2021	0.311	MISC						0.311	
			LOCAL 01/2021	0.078	MISC						0.078	
AQC:N/A	DUTCHESS	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	1.945		0.389	0.389	0.389	0.389	0.389	0.389	0.000
DUTCHESS	DUTCHESS COUNTY PUBLIC TRANSIT SOFTWARE UPGRADE: REPLACE COMPUTER AND UPDGRADE SOFTWARE.		FTA 5307 07/2020	0.056	MISC					0.056		
			STATE 07/2020	0.007	MISC					0.007		
8TRD95			LOCAL 07/2020	0.007	MISC					0.007		
TRANSIT												
<Exempt>												
AQC:N/A	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.070		0.000	0.000	0.000	0.000	0.070	0.000	0.000
DUTCHESS	PURCHASE OF TRANSIT AMENITIES SUCH AS BIKE RACKS, BENCHES, SIGNS, AND SHELTERS FOR DUTCHESS COUNTY PUBLIC TRANSIT SYSTEM		**STATE** 10/2016	0.010	MISC		0.010					
			STATE 10/2017	0.010	MISC			0.010				
8TRD99			STATE 10/2018	0.010	MISC				0.010			
TRANSIT			STATE 10/2019	0.010	MISC					0.010		
<Exempt>			STATE 10/2020	0.010	MISC						0.010	
AQC:B5Z	DUTCHESS	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.050		0.000	0.010	0.010	0.010	0.010	0.010	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **K0003** R&P <Exempt>	REMOVE EXISTING DECK OVERLAY AND PAVE WITH NOVACHIP. KINGSTON-RHINECLIFF. DUTCHESS AND ULSTER COUNTIES.		OTHER 01/2020	2.000	CONST					2.000		
AQC:N/A	MULTI	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	2.000		0.000	0.000	0.000	0.000	2.000	0.000	0.000
NYSBA **K0004** SAFETY <Exempt>	KINGSTON-RHINECLIFF REPLACE BRIDGE POWER AND LIGHTING CABLES. DUTCHESS AND ULSTER COUNTIES.		OTHER 01/2020	2.000	CONST					2.000		
AQC:N/A	MULTI	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	2.000		0.000	0.000	0.000	0.000	2.000	0.000	0.000
NYSBA **M0002** BRIDGE <Exempt>	BRIDGE MAINTENANCE PAINTING: POWER TOOL CLEAN AND SPOT PAINT STIFFENING TRUSS AND TOWERS OF THE MID-HUDSON BRIDGE.TO EXTEND SERVICE LIFE. DUTCHESS AND USLTER COUNTIES.		OTHER 02/2020	2.000	CONST					2.000		
AQC:A19P	MULTI	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	2.000		0.000	0.000	0.000	0.000	2.000	0.000	0.000
NYSBA **M0003** BRIDGE <Exempt>	BRIDGE MAINTENANCE: MID-HUDSON BRIDGE MAIN SPAN OVERLAY: MILL AND FILL MAIN SPAN OVERLAY WITH ASPHALT WATER PROOFING MEMBRANE. DUTCHESS AND USLTER COUNTIES.		OTHER 02/2019	3.000	CONST				3.000			
AQC:A19P	MULTI	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	3.000		0.000	0.000	0.000	3.000	0.000	0.000	0.000
NYSBA **M0004** BRIDGE <Exempt>	MID-HUDSON BUILDIING RENOVATIONS: ADMINISTRATION BUILDING ROOF, HVAC, WINDOWS, DOORS HEADQUARTERS - HVAC REPLACEMENT		OTHER 01/2016	0.000	MISC	0.500						
AQC:C14P	MULTI	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.000		0.500	0.000	0.000	0.000	0.000	0.000	0.000
NYSBA **M0005** BRIDGE <Exempt>	BRIDGE MAINTENANCE: MID-HUDSON BRIDGE -EAST APPROACH VIADUCT SPANS. LEAD ABATEMENT OF APPROACH SPANS INCLUDING ARCH TRUSS OVER THE METRO-NORTH RAIL LINE. DUTCHESS AND ULSER COUNTIE		OTHER 01/2020	3.000	CONST					3.000		
AQC:A19P	MULTI	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	3.000		0.000	0.000	0.000	0.000	3.000	0.000	0.000

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NYSBA	MID-HUDSON BRIDGE MAIN CABLE INSPECTION.		OTHER 03/2016	0.000	CONST	0.150						
M0006	DUTCHESS AND ULSTER COUNTIES		OTHER 03/2016	0.000	MISC	0.525						
BRIDGE			**OTHER** 03/2017	1.850	CONST		1.850					
<Exempt>			**OTHER** 03/2017	0.500	MISC		0.500					
AQC:A19P	MULTI	**TPC: $2-$4 M**	**TOTAL 5YR COST :**	2.350		0.675	2.350	0.000	0.000	0.000	0.000	0.000
NYSBA	NEWBURGH-BEACON BRIDGE EB & WB APPROACH PAVING: APPROACH HIGHWAY RESURFACING I-84, MAINTENANCE JURISDICITION BETWEEN EAST APPROACH RTE 9D A & WEST APPROACH RTE 9W. DUTCHESS AND ORANGE COUNTIES		OTHER 02/2018	2.000	CONST			2.000				
N0006												
BRIDGE												
<Exempt>												
AQC:A19P	MULTI	**TPC: $1.2-$2.5 M**	**TOTAL 5YR COST :**	2.000		0.000	0.000	2.000	0.000	0.000	0.000	0.000
NYSBA	MID-HUDSON-NECKLACE LIGHTS UPGRADES. UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016	0.000	MISC	0.005						
SI-0003			**OTHER** 01/2017	0.005	MISC		0.005					
BRIDGE			OTHER 01/2018	0.005	MISC			0.005				
<Exempt>			OTHER 01/2019	0.005	MISC				0.005			
			OTHER 01/2020	0.005	MISC					0.005		
AQC:A7P	MULTI	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.020		0.005	0.005	0.005	0.005	0.005	0.000	0.000
NYSBA	MID-HUDSON-COMMAND CENTER & ITS EQUIPMENT UPGRADE-TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016	0.000	MISC	0.200						
SO-0006			**OTHER** 01/2017	0.200	MISC		0.200					
BRIDGE			OTHER 01/2018	0.400	MISC			0.400				
<Exempt>			OTHER 01/2019	0.200	MISC				0.200			
			OTHER 01/2020	0.200	MISC					0.200		
AQC:B4P	MULTI	**TPC: $0.6-$1.5 M**	**TOTAL 5YR COST :**	1.000		0.200	0.200	0.400	0.200	0.200	0.000	0.000
NYSBA	WALKWAY-OVER-THE-HUDSON BRIDGE INSPECTION: DETAILED INSPECTION OF THE BRIDGE STRUCTURE WITH HANDS ON INSPECTION OF ALL FRACTURE CRITICAL MEMBERS TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 03/2016	0.000	CONINSP	0.025						
W0001			**OTHER** 03/2017	0.025	CONINSP		0.025					
BRIDGE			OTHER 03/2018	0.025	CONINSP			0.025				
<Exempt>			OTHER 03/2019	0.025	CONINSP				0.025			
			OTHER 03/2020	0.400	CONINSP					0.400		
AQC:A19P	MULTI	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.475		0.025	0.025	0.025	0.025	0.400	0.000	0.000
NYSBA	WALKWAY-OVER-THE-HUDSON RIVER PIER BASE REPAIRS: RECONSTRUCT CONCRETE PIER BASE UNITS. RIVER PIER RE-POINTING TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2018	0.300	CONST			0.300				
W0007												
BRIDGE												
<Exempt>												
AQC:A19P	MULTI	**TPC: < $0.75 M**	**TOTAL 5YR COST :**	0.300		0.000	0.000	0.300	0.000	0.000	0.000	0.000

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APPENDIX J
(NYSDOT-Region 8 Multi-county Project Listings)

TIP Format Report for Selected Projects on Draft Program

NYSDOT-Region 8 Draft FFY 2017-2021 Multi-county Project Listing

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **806243** R&P <Non-Exempt>	I-84 ITS: I-87 - RT 9: THIS PROJECT WILL INSTALL INTELLIGENT TRANSPORTATION SYSTEM (ITS) EQUIPMENT ON INTERSTATE 84: I-87 - RT 9. DUTCHESS & ORANGE COUNTY COMBINE PINS 806242, 806243, & 806245		CMAQ 12/2016	0.050	CONINSP		0.050					
			SDF 12/2016	0.014	CONINSP		0.014					
			NHPP 12/2016	0.058	CONINSP		0.058					
			SDF 12/2016	0.006	CONINSP		0.006					
			CMAQ 12/2016	0.510	CONST		0.510					
			SDF 12/2016	0.130	CONST		0.130					
			NHPP 12/2016	0.574	CONST		0.574					
			SDF 12/2016	0.066	CONST		0.066					
AQC:NON	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.408		0.000	1.408	0.000	0.000	0.000	0.000	0.000
NYSDOT **806245** SAFETY <Non-Exempt>	I-84 ITS: TSP - I-684: PROJECT WILL INSTALL INTELLIGENT TRANSPORTATION SYSTEM (ITS) EQUIPMENT ON INTERSTATE 84 TSP-I-684. DUTCHESS AND PUTNAM COUNTIES. COMBINED PINS 806242, 806243, & 806244		CMAQ 12/2015	0.000	DETLDES	0.200						
			SDF 12/2015	0.000	DETLDES	0.050						
			NHPP 12/2015	0.000	DETLDES	0.225						
			SDF 12/2015	0.000	DETLDES	0.025						
			CMAQ 12/2015	0.000	ROWACQU	0.020						
			SDF 12/2015	0.000	ROWACQU	0.005						
			NHPP 12/2015	0.000	ROWACQU	0.023						
			SDF 12/2015	0.000	ROWACQU	0.003						
			CMAQ 12/2015	0.000	ROWINCD	0.004						
			SDF 12/2015	0.000	ROWINCD	0.001						
			NHPP 12/2015	0.000	ROWINCD	0.005						
			SDF 12/2015	0.000	ROWINCD	0.001						
			CMAQ 12/2016	0.051	CONINSP		0.051					
			SDF 12/2016	0.012	CONINSP		0.012					
			NHPP 12/2016	0.058	CONINSP		0.058					
			SDF 12/2016	0.006	CONINSP		0.006					
			CMAQ 12/2016	0.500	CONST		0.500					
			SDF 12/2016	0.125	CONST		0.125					
			NHPP 12/2016	0.574	CONST		0.574					
			SDF 12/2016	0.066	CONST		0.066					
AQC:NON	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.392		0.562	1.392	0.000	0.000	0.000	0.000	0.000
NYSDOT **811354** RECON <Exempt>	I-684 RESURFACING: HARDSCRABBLE ROAD TO I-84. SINGLE COURSE OVERLAY (D CONTRACT). PROJECT WILL IMPROVE PAVEMENT CONDITION AND RESTORE RIDING CHARACTERISTICS. TOWNS OF NORTH SALEM & SOUTHEAST.		NHPP 10/2016	3.690	CONINSP		3.690					
			SDF 10/2016	0.410	CONINSP		0.410					
			NHPP 10/2016	36.900	CONST		36.900					
			SDF 10/2016	4.100	CONST		4.100					
AQC:A10P	MULTI	**TPC:** $40-$60 M	**TOTAL 5YR COST :**	45.100		0.000	45.100	0.000	0.000	0.000	0.000	0.000

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NYSDOT **880690** TRANSIT <Exempt>	METRO-NORTH RAILROAD MARKETING CONNECTING SERVICES PROGRAM: PROMOTES THE USE OF BUSES, CAR/VANPOOLING, FERRIES, ETC., TO ACCESS MAJOR METRO-NORTH RAIL CORRIDORS. PROGRAM ALSO INCLUDES FUNDING FOR UNI-TICKET USE.	CMAQ 10/2015	0.000	OPER	0.240						
		SDF 10/2015	0.000	OPER	0.060						
		CMAQ 10/2016	0.452	OPER		0.452					
		SDF 10/2016	0.113	OPER		0.113					
		CMAQ 10/2017	0.452	OPER			0.452				
		SDF 10/2017	0.113	OPER			0.113				
		CMAQ 10/2018	0.452	OPER				0.452			
		SDF 10/2018	0.113	OPER				0.113			
		CMAQ 10/2019	0.452	OPER					0.452		
		SDF 10/2019	0.113	OPER					0.113		
		CMAQ 10/2020	0.452	OPER						0.452	
		SDF 10/2020	0.113	OPER						0.113	
AQC:C1P	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.825		0.300	0.565	0.565	0.565	0.565	0.565	0.000
NYSDOT **880691** MOBIL <Exempt>	TRANSPORTATION MGMT CENTER (TMC) OPERATIONS: ONGOING COST TO OPERATE THE TMC INCLUDING STAFF SALARIES, OFFICE EXPENSES, SUPPLIES, MATERIALS, EQUIPMENT, ETC.	NHPP 08/2016	0.000	MISC	4.442						
		SDF 08/2016	0.000	MISC	1.111						
		NHPP 12/2015	0.000	OPER	4.412						
		SDF 12/2015	0.000	OPER	1.103						
		NHPP 07/2017	4.772	OPER		4.772					
		SDF 07/2017	1.193	OPER		1.193					
		NHPP 07/2018	4.932	OPER			4.932				
		SDF 07/2018	1.233	OPER			1.233				
		NHPP 07/2019	5.092	OPER				5.092			
		SDF 07/2019	1.273	OPER				1.273			
		NHPP 07/2020	5.252	OPER					5.252		
		SDF 07/2020	1.313	OPER					1.313		
		NHPP 07/2021	5.412	OPER						5.412	
		SDF 07/2021	1.353	OPER						1.353	
AQC:A7P	MULTI **TPC:** $40-$60 M	**TOTAL 5YR COST :**	31.825		11.068	5.965	6.165	6.365	6.565	6.765	0.000
NYSDOT **880911** TRAFFIC <Exempt>	TACONIC STATE PARKWAY SIGNS STAGE 2: COLUMBIA, DUTCHESS AND PUTNAM COUNTIES: PROJECT WILL BRING THE TACONIC STATE PARKWAY SIGNS INTO COMPLIANCE, TO THE EXTENT PRACTICAL, WITH THE NATIONAL STANDARDS FOR TRAFFIC SIGNS.	NHPP 10/2016	0.552	CONINSP		0.552					
		SDF 10/2016	0.138	CONINSP		0.138					
		NHPP 10/2016	5.520	CONST		5.520					
		SDF 10/2016	1.380	CONST		1.380					
AQC:C13P	MULTI **TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	7.590		0.000	7.590	0.000	0.000	0.000	0.000	0.000
NYSDOT **880914** SAFETY <Exempt>	BIENNIAL SIGN CONTRACT, REPLACE DEFICIENT SIGNS ON STATE HIGHWAYS, PROJECT WILL BRING THE SIGNS ON STATE HIGHWAYS INTO COMPLIANCE WITH THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. VARIOUS COUNTIES	SDF 01/2016	0.000	DETLDES	0.100						
		NHPP 10/2017	0.270	CONINSP			0.270				
		SDF 10/2017	0.030	CONINSP			0.030				
		NHPP 10/2017	2.250	CONST			2.250				
		SDF 10/2017	0.250	CONST			0.250				
AQC:C13P	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.800		0.100	0.000	2.800	0.000	0.000	0.000	0.000

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NYSDOT	HIGHWAY EMERGENCY LOCAL PATROL (HELP)		NHPP 01/2017	4.348	MISC		4.348					
881033	FREEWAY INCIDENT MANAGEMENT. PROJECT		**SDF** 01/2017	1.087	MISC		1.087					
MOBIL	INCLUDES PAY FOR THE CONTRACT OPERATORS,		NHPP 01/2018	4.348	MISC			4.348				
<Exempt>	THE TRUCKS, ALL EQUIPMENT ON BOARD,		SDF 01/2018	1.087	MISC			1.087				
	GASOLINE, AND OTHER OPERATIONAL NEEDS AT		NHPP 01/2019	3.200	MISC				3.200			
	VARIOUS LOCATIONS IN THE HUDSON VALLEY.		SDF 01/2019	0.800	MISC				0.800			
			NHPP 01/2020	3.200	MISC					3.200		
			SDF 01/2020	0.800	MISC					0.800		
			NHPP 01/2021	3.200	MISC						3.200	
			SDF 01/2021	0.800	MISC						0.800	
AQC:A6P	MULTI	**TPC:** $26-$40 M	**TOTAL 5YR COST :**	22.870		0.000	5.435	5.435	4.000	4.000	4.000	0.000
NYSDOT	TREES AND BRUSH, REMOVAL OF HAZARDOUS		SDF 04/2016	0.000	MISC	1.500						
881139	TREES, ON STATE HIGHWAYS, VARIOUS COUNTIES		**SDF** 04/2017	1.500	MISC		1.500					
SAFETY			SDF 04/2018	1.500	MISC			1.500				
<Exempt>			SDF 04/2019	1.500	MISC				1.500			
			SDF 04/2020	1.500	MISC					1.500		
			SDF 04/2021	1.500	MISC						1.500	
AQC:A2P	MULTI	**TPC:** $7.5-$12 M	**TOTAL 5YR COST :**	7.500		1.500	1.500	1.500	1.500	1.500	1.500	0.000
NYSDOT	CENTERLINE AUDIBLE ROADWAY DELINEATORS		HSIP 04/2016	0.000	CONINSP	0.086						
	(CARDS): PROJECT CONSISTS OF INSTALLING		SDF 04/2016	0.000	CONINSP	0.010						
881187	CENTERLINE AUDIBLE ROADWAY DELINEATORS		HSIP 04/2016	0.000	CONST	0.720						
SAFETY	(CARDS) ON VARIOUS STATE HIGHWAYS.		SDF 04/2016	0.000	CONST	0.080						
<Exempt>	COLUMBIA, DUTCHESS, ORANGE, PUTNAM,		HSIP 11/2015	0.000	DETLDES	0.054						
	ROCKLAND, ULSTER & WESTCHESTER COUNTIES.		SDF 11/2015	0.000	DETLDES	0.006						
AQC:A6P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		0.956	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT	HIGHWAY LIGHTING MAINTENANCE: PROJECT WILL		SDF 04/2018	1.000	MISC			1.000				
881194	HIRE A LIGHTING CONTRACTOR TO PROVIDE BOTH		SDF 04/2020	1.000	MISC					1.000		
SAFETY	CYCLICAL AND DEMAND MAINTENANCE SERVICES											
<Exempt>	FOR LIGHTING SYSTEMS ALONG STATE HIGHWAYS.											
	COLUMBIA, DUTCHESS, ORANGE, PUTNAM,											
	ROCKLAND, AND WESTCHESTER COUNTIES.											
AQC:A18P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	2.000		0.000	0.000	1.000	0.000	1.000	0.000	0.000

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NYSDOT **881204** TRAFFIC <Exempt>	SIGNAL IMPROVEMENTS INSTALL TRAFFIC SIGNALS &/OR UPGRADE/MODIFY EXISTING SIGNALS WHERE WARRANTED BY PRIORITY ORDER IN REGION 8.	SDF 03/2016	0.000	DETLDES	0.400						
		SDF 03/2016	0.000	ROWACQU	0.300						
		CMAQ 07/2018	0.120	CONINSP			0.120				
		SDF 07/2018	0.030	CONINSP			0.030				
		STP LG URBAN 07/2018	0.072	CONINSP			0.072				
		SDF 07/2018	0.018	CONINSP			0.018				
		CMAQ 07/2018	1.000	CONST			1.000				
		SDF 07/2018	0.250	CONST			0.250				
		STP LG URBAN 07/2018	0.600	CONST			0.600				
		SDF 07/2018	0.150	CONST			0.150				
AQC:D2P	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.240		0.700	0.000	2.240	0.000	0.000	0.000	0.000
NYSDOT **881235** BRIDGE <Exempt>	BRIDGE WHERE & WHEN CONTRACT: TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF STATE BRIDGES, LARGE CULVERTS, RETAINING WALLS AND OVERHEAD STRUCTURES IN THE EVENT OF AN EMERGENCY. AS NEEDED IN REGION 8 (FORMERLY PIN: 8T0251)	SDF 01/2016	0.000	CONINSP	0.300						
		SDF 01/2016	0.000	CONST	3.000						
AQC:A19P	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		3.300	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881250** R&P <Exempt>	BIENNIAL ROADSIDE VEGETATION MANAGEMENT: PROJECT WILL CONSIST OF REMOVING OVERGROWN AND UNDESIRABLE VEGETATION ALONG STATE HIGHWAYS, INCLUDING EXIT/ENTRANCE RAMPS AND REST AREAS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, AND WESTCHESTER COUNTIES.	SDF 03/2016	0.000	CONINSP	0.054						
		SDF 03/2016	0.000	CONST	0.450						
AQC:C11P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.504	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881252** BRIDGE <Exempt>	MAINTENANCE BY CONTRACT: PROVIDE MAINTENANCE WORK TO CORRECT OR PREVENT PROBLEMS RELATED TO THE DETERIORATION OF A VARIETY OF BRIDGE COMPONENTS AS NEEDED IN REGION 8 (FORMERLY PIN: 8T0293)	NHPP 01/2016	0.000	CONINSP	0.672						
		SDF 01/2016	0.000	CONINSP	0.168						
		STP LG URBAN 01/2016	0.000	CONINSP	0.088						
		SDF 01/2016	0.000	CONINSP	0.022						
		NHPP 01/2016	0.000	CONST	6.721						
		SDF 01/2016	0.000	CONST	1.680						
		STP LG URBAN 01/2016	0.000	CONST	0.877						
		SDF 01/2016	0.000	CONST	0.219						
AQC:A19P	MULTI **TPC:** $9.5-15.5 M	**TOTAL 5YR COST :**	0.000		10.447	0.000	0.000	0.000	0.000	0.000	0.000

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NYSDOT **881254** SAFETY <Exempt>	GUIDERAIL MAINTENANCE: PROJECT WILL CONSIST OF REPAIRING OR REPLACING DAMAGED OR NON-FUNCTIONAL GUIDERAIL AND MEDIAN BARRIERS ON STATE HIGHWAYS, THUS IMPROVING ROADWAY SAFETY. COLUMBIA, DUTCHESS, ORANGE, PUTNAM AND WESTCHESTER COUNTIES		SDF 11/2015 SDF 11/2015	0.000 0.000	CONINSP CONST	0.248 2.064						
AQC:A9P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		2.312	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881256** SAFETY <Exempt>	REGION 8 PEDESTRIAN COUNTDOWN TIMERS INSTALLATION. THIS PROJECT WILL INSTALL PEDESTRIAN COUNTDOWN TIMERS AT TRAFFIC SIGNALS WITH EXISTING CROSSWALKS AND/OR PEDESTRIAN SIGNAL PHASES IN REGION 8		HSIP 10/2015 SDF 10/2015 HSIP 10/2015 SDF 10/2015	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	0.198 0.022 1.650 0.183						
AQC:A6P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		2.053	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881258** R&P <Exempt>	HIGHWAY WHERE & WHEN: TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF PORTIONS OF STATE HIGHWAYS IN THE EVENT OF AN EMERGENCY. AS NEEDED IN REGION 8 (Formerly PIN: 8T0257)		SDF 11/2015 SDF 11/2015	0.000 0.000	CONINSP CONST	0.300 2.499						
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		2.799	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881259** BRIDGE <Exempt>	BRIDGE PAINTING PROJECT WILL CONSIST OF PAINTING BRIDGE STEEL SURFACES THAT ARE CORRODED OR DETERIORATED, OR THAT HAVE UNSATISFACTORY PAINT PROPERTIES. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER & WESTCHESTER COUNTIES (FORMERLY PIN: 8T0388)		SDF 03/2016 NHPP 10/2016 SDF 10/2016 STP FLEX 10/2016 SDF 10/2016 NHPP 10/2016 SDF 10/2016 STP FLEX 10/2016 SDF 10/2016	0.000 0.320 0.080 0.080 0.020 3.200 0.800 0.800 0.200	DETLDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST	0.100	 0.320 0.080 0.080 0.020 3.200 0.800 0.800 0.200					
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.500		0.100	5.500	0.000	0.000	0.000	0.000	0.000
NYSDOT **881260** BRIDGE <Exempt>	BRIDGE WHERE & WHEN CONTRACT: TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF STATE BRIDGES, LARGE CULVERTS, RETAINING WALLS AND OVERHEAD STRUCTURES IN THE EVENT OF AN EMERGENCY AS NEEDED IN REGION 8. (FORMERLY PIN: 8T0252)		SDF 09/2016 SDF 09/2016	0.000 0.000	CONINSP CONST	0.240 2.000						
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		2.240	0.000	0.000	0.000	0.000	0.000	0.000

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NYSDOT **881261** R&P <Exempt>	HIGHWAY WHERE & WHEN: THIS PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF PORTIONS OF STATE HIGHWAYS IN THE EVENT OF AN EMERGENCY. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		**SDF** 10/2016 **SDF** 10/2016	0.300 2.500	CONINSP CONST		0.300 2.500					
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.800		0.000	2.800	0.000	0.000	0.000	0.000	0.000
NYSDOT **881262** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT. PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF BRIDGES. WESTCHESTER AND ROCKLAND COUNTIES		STP FLEX 05/2016 SDF 05/2016 STP FLEX 05/2016 SDF 05/2016	0.000 0.000 0.000 0.000	CONST CONST DETLDES DETLDES	0.800 0.200 0.004 0.001						
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		1.005	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881263** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT. PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF BRIDGES IN ROCKLAND & ORANGE COUNTIES		STP FLEX 05/2016 SDF 05/2016 STP FLEX 05/2016 SDF 05/2016	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	0.096 0.024 0.800 0.200						
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		1.120	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881271** R&P <Exempt>	BIENNIAL MOWING IN ROCKLAND AND ORANGE COUNTIES, PALISADES INTERSTATE PARKWAY AND ROUTE 6: PROJECT WILL CONSIST OF REMOVING LITTER AND MOWING VEGETATION ALONG THE PALISADES INTERSTATE PARKWAY AND A SMALL CONNECTING SECTION OF ROUTE 6, INCLUDING EXIT AND E		SDF 02/2016 SDF 02/2016	0.000 0.000	CONINSP CONST	0.045 0.375						
AQC:C11P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.420	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881272** BRIDGE <Exempt>	LONG SPAN BRIDGES: THIS PROJECT WILL UNDERTAKE CORRECTIVE AND PREVENTATIVE MAINTENANCE ACTIONS TO EXTEND THE SERVICE LIFE OF LONG SPAN BRIDGES ON STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM & WESTCHESTER COUNTIES.		NHPP 06/2016 SDF 06/2016 NHPP 01/2017 **SDF** 01/2017 NHPP 01/2017 **SDF** 01/2017	0.000 0.000 0.800 0.200 8.000 2.000	DETLDES DETLDES CONINSP CONINSP CONST CONST	0.096 0.024	0.800 0.200 8.000 2.000					
AQC:A19P	MULTI	**TPC:** $9.5-15.5 M	**TOTAL 5YR COST :**	11.000		0.120	11.000	0.000	0.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **881274** MISC <Exempt>	ENVIRONMENTAL REMEDIATION CONTRACT, VILLAGE OF WAPPINGERS FALLS, TOWN OF WAPPINGER AND TOWN OF POUGHKEEPSIE, DUTCHESS COUNTY AND TOWNS OF YORKTOWN AND GREENBURGH, WESTCHESTER COUNTY		SDF 05/2016 SDF 05/2016	0.000 0.000	CONINSP CONST	0.048 0.400						
AQC:C11P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.448	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881277** TRAFFIC <Exempt>	SIGNAL UPGRADES: REPLACEING OUTDATED OR DEFECTIVE TRAFFIC AND PEDESTRIAN DETECTION EQUIPMENT, EXCLUDING SIGNAL POLES, IN MULTIPLE MUNICIPALITIES IN THE COUNTIES OF ROCKLAND, ORANGE, PUTNAM & WESTCHESTER (FORMERLY PIN: 8T0218)		CMAQ 04/2016 SDF 04/2016 CMAQ 04/2016 SDF 04/2016 SDF 12/2015	0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST DETLDES	0.058 0.014 0.480 0.120 0.050						
AQC:D2P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		0.722	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881278** TRAFFIC <Exempt>	SIGNAL IMPROVEMENTS: REPLACING SIGNALS, INSTALLING FLASHING BEACONS AND ADDING PEDESTRIAN SIGNALS AND CROSSWALKS WHERE NEEDED IN DUTCHESS, ORANGE, ROCKLAND, AND WESTCHESTER COUNTIES(FORMERLY PIN: 8T0213)		SDF 09/2017 SDF 09/2017 STP LG URBAN 07/2018 SDF 07/2018 STP LG URBAN 07/2018 SDF 07/2018	0.150 0.200 0.144 0.036 1.200 0.300	DETLDES ROWACQU CONINSP CONINSP CONST CONST		0.150 0.200	0.144 0.036 1.200 0.300				
AQC:D2P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.030		0.000	0.350	1.680	0.000	0.000	0.000	0.000
NYSDOT **881279** BRIDGE <Exempt>	BRIDGE WASHING/DECK SEALING: PROJECT WILL CONSIST OF CLEANING/WASHING THE BRIDGES AND SEALING THE DECKS, AS NEEDED IN ROCKLAND AND WESTCHESTER COUNTIES		SDF 03/2016 SDF 03/2016	0.000 0.000	CONINSP CONST	0.090 0.750						
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		0.840	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881281** MISC <Exempt>	CULVERTS PREVENTIVE MAINTENANCE: OJECT CONSISTS OF TAKING CORRECTIVE ACTIONS TO ADDRESS CULVERT DEFICIENCIES ON STATE HIGHWAYS IN VARIOUS MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER, OR WESTCHESTER.		SDF 08/2016 SDF 08/2016 SDF 12/2015 SDF 12/2015	0.000 0.000 0.000 0.000	CONINSP CONST DETLDES ROWACQU	0.124 1.200 0.050 0.100						
AQC:A19P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	0.000		1.474	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881282** BRIDGE <Exempt>	MAINTENANCE BY CONTRACT: PROVIDE MAINTENANCE WORK TO CORRECT OR PREVENT PROBLEMS RELATED TO THE DETERIORATION OF A VARIETY OF BRIDGE COMPONENTS AS NEEDED IN REGION 8 (FORMERLY PIN: 8T0294)		SDF 06/2016 NHPP 12/2016 SDF 12/2016 NHPP 12/2016 SDF 12/2016	0.000 0.664 0.166 6.640 1.660	DETLDES CONINSP CONINSP CONST CONST	0.125	0.664 0.166 6.640 1.660					
AQC:A19P	MULTI	**TPC:** $7.5-$12 M	**TOTAL 5YR COST :**	9.130		0.125	9.130	0.000	0.000	0.000	0.000	0.000

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NYSDOT **881283** SAFETY <Exempt>	BIENNIAL LONG LINE PAVEMENT MARKINGS. WORK WILL IMPROVE TRAFFIC SAFETY BY ENSURING THAT THE MARKINGS MAINTAIN THEIR PROPER DELINEATION AND REFLECTIVITY PROPERTIES AS NEEDED IN COUNTIES OF REGION 8 (FORMERLY PIN: 8T0244)		STP FLEX 02/2016 SDF 02/2016 STP LG URBAN 02/2016 SDF 02/2016 STP FLEX 02/2016 SDF 02/2016 STP LG URBAN 02/2016 SDF 02/2016	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST	0.120 0.030 0.320 0.080 1.200 0.300 3.200 0.800						
AQC:A10P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	0.000		6.050	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881284** SAFETY <Exempt>	BIENNIAL SPECIAL MARKINGS: WORK WILL APPLY EPOXY & PREFORMED PAVEMENT MARKINGS (SUCH AS STOP BARS, CROSSWALK LINES, ARROWS, ETC.) ON FEDERAL AID ELIGIBLE ROUTES. AS NEEDED IN REGION 8 (FORMERLY PIN: 8T0531)		STP FLEX 02/2016 SDF 02/2016 STP FLEX 02/2016 SDF 02/2016	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	0.264 0.066 2.200 0.550						
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		3.080	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881285** R&P <Exempt>	THIS PROJECT WILL CONSIST OF CLEANING AND SEALING PAVEMENT CRACKS ON VARIOUS STATE HIGHWAYS. THIS WORK WILL IMPROVE AND PRESERVE THE INTEGRITY OF THE PAVEMENT BY PREVENTING WATER INFILTRATION. THE WORK WILL ENCOMPASS VARIOUS MUNICIPALITIES IN THE COUNTIES		STP FLEX 05/2016 SDF 05/2016 STP FLEX 05/2016 SDF 05/2016	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	0.096 0.024 0.800 0.200						
AQC:A10P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		1.120	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881286** R&P <Exempt>	HIGHWAY JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF THE HIGHWAYS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND & WESTCHESTER COUNTIES		SDF 05/2016 SDF 05/2016	0.000 0.000	CONINSP CONST	0.240 2.000						
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	0.000		2.240	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881287** STUDY <Exempt>	GEOTECH SUBSURFACE EXPLORATIONS CONTRACT: PROJECT WILL EXPLORE SUBSURFACE SOIL CONDITIONS TO PROVIDE DATA NEEDED IN ADVANCE OF HIGHWAY AND BRIDGE DESIGN. COLUMBIA, DUTCHESS, ORNAGE, PUTNAM, ROCKLAND AND WESTCHESTER COUNTIES		NHPP 11/2016 SDF 11/2016 NHPP 11/2016 SDF 11/2016 NHPP 10/2016 SDF 10/2016	0.058 0.014 0.480 0.120 0.012 0.003	CONINSP CONINSP CONST CONST DETLDES DETLDES		0.058 0.014 0.480 0.120 0.012 0.003					
AQC:A10P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.687		0.000	0.687	0.000	0.000	0.000	0.000	0.000

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NYSDOT **881291** BRIDGE <Exempt>	BRIDGE PAINTING: PROJECT WILL CONSIST OF PAINTING STEEL SURFACES ON BRIDGES TO PROTECT AGAINST NORMAL ENVIRONMENTAL EFFECTS OF CORROSION, ACID RAIN, AND DEICING AGENTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES		SDF 05/2016	0.000	DETLDES	0.010						
			SDF 10/2015	0.000	PRELDES	0.085						
			SDF 10/2015	0.000	SCOPING	0.065						
			NHPP 03/2017	0.320	CONINSP		0.320					
			SDF 03/2017	0.080	CONINSP		0.080					
			STP FLEX 03/2017	0.080	CONINSP		0.080					
			SDF 03/2017	0.020	CONINSP		0.020					
			NHPP 03/2017	3.200	CONST		3.200					
			SDF 03/2017	0.800	CONST		0.800					
			STP FLEX 03/2017	0.800	CONST		0.800					
			SDF 03/2017	0.200	CONST		0.200					
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.500		0.160	5.500	0.000	0.000	0.000	0.000	0.000
NYSDOT **881292** MOBIL <Exempt>	REST AREA SIDEWALKS, I84 AND I684:PROJECT WILL CONSIST OF REPLACING SIDEWALKS AT FOUR REST AREAS LOCATED ON INTERSTATES I-84 & I-684 IN THE TOWNS OF SOUTHEAST, WALLKILL, WAWAYANDA & BEDFORD. ORANGE, PUTNAM & WESTCHESTER COUNTIES		SDF 07/2016	0.000	CONINSP	0.025						
			SDF 07/2016	0.000	CONST	0.250						
			SDF 11/2015	0.000	DETLDES	0.005						
AQC:A15Z	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.280	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **881297** R&P <Exempt>	HIGHWAY WHERE & WHEN: TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF PORTIONS OF STATE HIGHWAYS IN THE EVENT OF AN EMERGENCY. AS NEEDED IN REGION 8 (Formerly PIN: 8T0259)		**SDF** 09/2017	0.300	CONINSP		0.300					
			SDF 09/2017	2.500	CONST		2.500					
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.800		0.000	2.800	0.000	0.000	0.000	0.000	0.000
NYSDOT **881300** R&P <Exempt>	HIGHWAY JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF THE HIGHWAYS IN REGION 8. (Formerly PIN: 8T0383)		SDF 04/2016	0.000	DETLDES	0.010						
			SDF 04/2017	0.240	CONINSP		0.240					
			SDF 04/2017	2.000	CONST		2.000					
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.240		0.010	2.240	0.000	0.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **881301** 8-MISC <Exempt>	STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES MAINTENANCE (SPDES): PROJECT WILL UNDERTAKE CORRECTIVE & CYCLICAL MAINTENANCE WORK ON FACILITIES AND STRUCTURES DESIGNED TO COLLECT, STORE AND TREAT STORM WATER. VARIOUS COUNTIES IN REGION 8 (FORMERL		STP FLEX 01/2016	0.000	DETLDES	0.008						
			SDF 01/2016	0.000	DETLDES	0.002						
			STP LG URBAN 01/2016	0.000	DETLDES	0.008						
			SDF 01/2016	0.000	DETLDES	0.002						
			STP FLEX 10/2016	0.048	CONINSP		0.048					
			SDF 10/2016	0.012	CONINSP		0.012					
			STP LG URBAN 10/2016	0.048	CONINSP		0.048					
			SDF 10/2016	0.012	CONINSP		0.012					
			STP FLEX 10/2016	0.400	CONST		0.400					
			SDF 10/2016	0.100	CONST		0.100					
			STP LG URBAN 10/2016	0.400	CONST		0.400					
			SDF 10/2016	0.100	CONST		0.100					
AQC:A2Z	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.120		0.020	1.120	0.000	0.000	0.000	0.000	0.000
NYSDOT **881305** BRIDGE <Exempt>	STRUCTURES WHERE & WHEN: THIS PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FURTHER DEGRADATION OF STATE BRIDGES, LARGE CULVERTS, RETAINING WALLS, AND OVERHEAD STRUCTURES IN THE EVENT OF AN EMERGENCY AS NEEDED IN REGION 8		SDF 05/2017	0.240	CONINSP		0.240					
			SDF 05/2017	2.000	CONST		2.000					
			SDF 10/2016	0.015	DETLDES		0.015					
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.255		0.000	2.255	0.000	0.000	0.000	0.000	0.000
NYSDOT **882157** TRANSIT <Exempt>	POUGHKEEPSIE-WHITE PLAINS COMMUTER BUS: WEEKDAY PEAK-HOUR SERVICE ALONG THE ROUTE 9 CORRIDOR SERVING RESIDENTS OF DUTCHESS AND PUTNAM COUNTIES.		STP FLEX 10/2015	0.000	OPER	1.056						
			SDF 10/2015	0.000	OPER	0.264						
			STP FLEX 10/2016	1.056	OPER		1.056					
			SDF 10/2016	0.264	OPER		0.264					
			STP FLEX 10/2017	1.056	OPER			1.056				
			SDF 10/2017	0.264	OPER			0.264				
			STP FLEX 10/2018	1.056	OPER				1.056			
			SDF 10/2018	0.264	OPER				0.264			
AQC:B1P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	3.960		1.320	1.320	1.320	1.320	0.000	0.000	0.000

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METRO-NORTH	HAVERSTRAW-OSSINING FERRY: CONTINUE THE		FBD 05/2016	0.000	OPER	0.932						
	LEASE OF EXISTING PARKING AND/OR		MTA 05/2016	0.000	OPER	0.233						
882218	IMPROVEMENTS TO EXISTING DOCK FACILITIES.		NHPP 01/2016	0.000	OPER	0.800						
TRANSIT			MTA 01/2016	0.000	OPER	0.200						
<Exempt>			NHPP 01/2017	0.800	OPER		0.800					
			MTA 01/2017	0.200	OPER		0.200					
			NHPP 01/2018	0.800	OPER			0.800				
			MTA 01/2018	0.200	OPER			0.200				
			NHPP 01/2019	0.800	OPER				0.800			
			MTA 01/2019	0.200	OPER				0.200			
			NHPP 01/2020	0.800	OPER					0.800		
			MTA 01/2020	0.200	OPER					0.200		
			NHPP 01/2021	0.800	OPER						0.800	
			MTA 01/2021	0.200	OPER						0.200	
AQC:B1P	MULTI	**TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	5.000		2.165	1.000	1.000	1.000	1.000	1.000	0.000
NYSDOT	ROUTE 9W BUS SERVICE - OPERATING SUBSIDY FOR		STP LG URBAN 10/2016	0.280	OPER		0.280					
	ALL-DAY BUS SERVICE BETWEEN THE ROUTE 9W		**SDF** 10/2016	0.070	OPER		0.070					
882219	CORRIDOR IN ROCKLAND COUNTY AND THE PORT		STP LG URBAN 10/2017	0.280	OPER			0.280				
TRANSIT	AUTHORITY OF NY & NJ BUS TERMINAL ON 41st		SDF 10/2017	0.070	OPER			0.070				
<Exempt>	STREET IN MANHATTAN.		STP LG URBAN 10/2018	0.280	OPER				0.280			
			SDF 10/2018	0.070	OPER				0.070			
			STP LG URBAN 10/2019	0.280	OPER					0.280		
			SDF 10/2019	0.070	OPER					0.070		
			STP LG URBAN 10/2020	0.280	OPER						0.280	
			SDF 10/2020	0.070	OPER						0.070	
AQC:B1P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.750		0.000	0.350	0.350	0.350	0.350	0.350	0.000
NYSDOT	CROTON FALLS SHUTTLE: OPERATIONAL		STP FLEX 01/2016	0.000	OPER	0.300						
	ASSISTANCE FOR FEEDER BUS SERVICE BETWEEN		SDF 01/2016	0.000	OPER	0.075						
882244	CARMEL/MAHOPAC IN PUTNAM COUNTY AND		STP FLEX 01/2017	0.300	OPER		0.300					
TRANSIT	METRO-NORTH'S CROTON FALLS STATION IN		**SDF** 01/2017	0.075	OPER		0.075					
<Exempt>	NORTHERN WESTCHESTER COUNTY.		STP FLEX 01/2018	0.300	OPER			0.300				
			SDF 01/2018	0.075	OPER			0.075				
			STP FLEX 01/2019	0.300	OPER				0.300			
			SDF 01/2019	0.075	OPER				0.075			
			STP FLEX 01/2020	0.300	OPER					0.300		
			SDF 01/2020	0.075	OPER					0.075		
			STP FLEX 01/2021	0.300	OPER						0.300	
			SDF 01/2021	0.075	OPER						0.075	
AQC:B1P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	1.875		0.375	0.375	0.375	0.375	0.375	0.375	0.000

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NYSDOT	DANBURY, CT TO BREWSTER,		STP LG URBAN 01/2016	0.000	OPER	0.464						
	RIDGEFIELD-KATONAH, & NEW FAIRFIELD TO		SDF 01/2016	0.000	OPER	0.116						
882264	SOUTHEAST NY TRAIN STATION BUS SERVICE.		STP LG URBAN 01/2017	0.464	OPER		0.464					
TRANSIT	WEEKDAY SHUTTLE BUS SERVICE CO-FUNDED BY		SDF 01/2017	0.116	OPER		0.116					
<Exempt>	NYSDOT AND CONN DOT. OPERATED BY		STP LG URBAN 01/2018	0.464	OPER			0.464				
	HOUSATONIC AREA TRANSIT (HART) ORIENTED TO		SDF 01/2018	0.116	OPER			0.116				
	GRAND CENTRAL TERMINAL COMMUTERS		STP LG URBAN 01/2019	0.464	OPER				0.464			
			SDF 01/2019	0.116	OPER				0.116			
			STP LG URBAN 01/2020	0.464	OPER					0.464		
			SDF 01/2020	0.116	OPER					0.116		
			STP LG URBAN 01/2021	0.464	OPER						0.464	
			SDF 01/2021	0.116	OPER						0.116	
AQC:B1P	MULTI	**TPC:** $3.3-$5.6 M	**TOTAL 5YR COST :**	2.900		0.580	0.580	0.580	0.580	0.580	0.580	0.000
NYSDOT	TAPPAN ZEE EXPRESS BUS (ROCKLAND -		STP FLEX 01/2016	0.000	MISC	1.504						
	WESTCHESTER). BUS OPERATES 6 DAYS A WEEK		SDF 01/2016	0.000	MISC	0.376						
882300	(MONDAY- SATURDAY) BETWEEN ROCKLAND		STP FLEX 01/2017	1.576	MISC		1.576					
TRANSIT	COUNTY AND TARRYTOWN / WHITE PLAINS IN		SDF 01/2017	0.394	MISC		0.394					
<Exempt>	WESTCHESTER COUNTY.		STP FLEX 01/2018	1.576	MISC			1.576				
			SDF 01/2018	0.394	MISC			0.394				
			STP FLEX 01/2019	1.576	MISC				1.576			
			SDF 01/2019	0.394	MISC				0.394			
			STP FLEX 01/2020	1.576	MISC					1.576		
			SDF 01/2020	0.394	MISC					0.394		
			STP FLEX 01/2021	1.576	MISC						1.576	
			SDF 01/2021	0.394	MISC						0.394	
AQC:B1P	MULTI	**TPC:** $9.5-15.5 M	**TOTAL 5YR COST :**	9.850		1.880	1.970	1.970	1.970	1.970	1.970	0.000
NYSDOT	ROUTE 77 BUS SERVICE (FORMERLY KNOW AS		STP FLEX 10/2015	0.000	MISC	0.344						
	TACONIC EXPRESS BUS SERVICE): COMMUTER BUS		SDF 10/2015	0.000	MISC	0.086						
882303	SERVICE BETWEEN SOUTHERN PUTNAM COUNTY /		STP FLEX 10/2016	0.344	MISC		0.344					
TRANSIT	NORTHERN WESTCHESTER COUNTY (FDR PARK)		SDF 10/2016	0.086	MISC		0.086					
<Exempt>	AND WHITE PLAINS.		STP FLEX 10/2017	0.344	MISC			0.344				
			SDF 10/2017	0.086	MISC			0.086				
			STP FLEX 10/2018	0.344	MISC				0.344			
			SDF 10/2018	0.086	MISC				0.086			
AQC:B1P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	1.290		0.430	0.430	0.430	0.430	0.000	0.000	0.000

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METRO-NORTH	NEWBURGH-BEACON FERRY SERVICE INCLUDING PARKING , LEASING OF THE VESSEL, AND DOCK IMPROVEMENTS.		NHPP 10/2015	0.000	OPER	0.750						
882315			MTA 10/2015	0.000	OPER	0.188						
MOBIL			NHPP 10/2016	0.750	OPER		0.750					
<Exempt>			MTA 10/2016	0.188	OPER		0.188					
			NHPP 10/2017	0.750	OPER			0.750				
			MTA 10/2017	0.188	OPER			0.188				
			NHPP 10/2018	0.750	OPER				0.750			
			MTA 10/2018	0.188	OPER				0.188			
			NHPP 10/2019	0.750	OPER					0.750		
			MTA 10/2019	0.188	OPER					0.188		
			NHPP 10/2020	0.750	OPER						0.750	
			MTA 10/2020	0.188	OPER						0.188	
AQC:B1P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	4.690		0.938	0.938	0.938	0.938	0.938	0.938	0.000
NYSDOT	FEDERAL/STATE FUNDING TO BE PROVIDED TO TRAILWAYS BY NYSDOT UNDER THE CAPITAL COST OF CONTRACTING CONCEPT FOR COMMUTER SERVICE BETWEEN KINGSTON AND MANHATTAN WITH STOPS IN ROSENDALE & NEW PALTZ. TOTAL PROJECT COST INCLUDING FAREBOX RECEIPTS IS $6.347M.		STP FLEX 10/2015	0.000	OPER	0.200						
882323			SDF 10/2015	0.000	OPER	0.050						
TRANSIT			STP FLEX 10/2016	0.220	OPER		0.220					
<Exempt>			SDF 10/2016	0.055	OPER		0.055					
			STP FLEX 10/2017	0.220	OPER			0.220				
			SDF 10/2017	0.055	OPER			0.055				
			STP FLEX 10/2018	0.220	OPER				0.220			
			SDF 10/2018	0.055	OPER				0.055			
			STP FLEX 10/2019	0.220	OPER					0.220		
			SDF 10/2019	0.055	OPER					0.055		
			STP FLEX 10/2020	0.220	OPER						0.220	
			SDF 10/2020	0.055	OPER						0.055	
AQC:B1P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.375		0.250	0.275	0.275	0.275	0.275	0.275	0.000
NYDOT	ULSTER COUNTY (KINGSTON)-POUGHKEEPSIE BUS SERVICE		STP FLEX 01/2016	0.000	OPER	0.272						
882324			SDF 01/2016	0.000	OPER	0.068						
TRANSIT			STP FLEX 01/2017	0.272	OPER		0.272					
<Exempt>			SDF 01/2017	0.068	OPER		0.068					
			STP FLEX 01/2018	0.272	OPER			0.272				
			SDF 01/2018	0.068	OPER			0.068				
			STP FLEX 01/2019	0.272	OPER				0.272			
			SDF 01/2019	0.068	OPER				0.068			
			STP FLEX 01/2020	0.272	OPER					0.272		
			SDF 01/2020	0.068	OPER					0.068		
			STP FLEX 01/2021	0.272	OPER						0.272	
			SDF 01/2021	0.068	OPER						0.068	
AQC:N/A	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	1.700		0.340	0.340	0.340	0.340	0.340	0.340	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **882348** TRANSIT <Non-Exempt>	LOWER HUDSON VALLEY TRANSIT LINKS IS A PROGRAM OF INTEGRATED TRANSIT SUPPORTIVE INFRASTRUCTURE ELEMENTS (TRAFFIC SIGNAL & CONTROL UPGRADES, QUEUE JUMP, RAMP METERING & STOP/STATION IMPROVEMENTS) ALONG THE I-287 CORRIDOR IN ROCKLAND & WESTCHESTER COUNTIES.		SDF 02/2016	0.000	SCOPING	2.400						
			CMAQ 07/2017	6.896	CONINSP		6.896					
			CMAQ 07/2017	43.964	CONST		43.964					
			HSIP 07/2017	9.200	CONST		9.200					
			OTHER FA 07/2017	10.000	CONST		10.000					
			TWY 07/2017	5.800	CONST		5.800					
			SDF 10/2016	2.541	DETLDES		2.541					
			SDF 10/2016	3.559	PRELDES		3.559					
			CMAQ 12/2016	0.587	ROWACQU		0.587					
			CMAQ 10/2016	0.250	ROWINCD		0.250					
AQC:NON	MULTI	**TPC:** $70-$130 M	**TOTAL 5YR COST :**	82.797		2.400	82.797	0.000	0.000	0.000	0.000	0.000
NYSDOT **894007** MISC <Exempt>	ITS FIELD OPERATIONS: THIS PROJECT ENCOMPASSES THE TROUBLESHOOTING, DIAGNOSIS, REPAIR, OR DAMAGE ASSESSMENT OF THE VARIOUS COMPONENTS OF THE INTELLIGENT TRANSPORTATION SYSTEM (ITS). COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER & WESTCHESTER CO.		NHPP 04/2016	0.000	OPER	1.998						
			SDF 04/2016	0.000	OPER	0.500						
			NHPP 04/2017	0.480	OPER		0.480					
			SDF 04/2017	0.120	OPER		0.120					
			NHPP 04/2018	0.480	OPER			0.480				
			SDF 04/2018	0.120	OPER			0.120				
			NHPP 04/2019	0.480	OPER				0.480			
			SDF 04/2019	0.120	OPER				0.120			
			NHPP 04/2020	0.480	OPER					0.480		
			SDF 04/2020	0.120	OPER					0.120		
			NHPP 04/2021	0.480	OPER						0.480	
			SDF 04/2021	0.120	OPER						0.120	
AQC:A7P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	3.000		2.498	0.600	0.600	0.600	0.600	0.600	0.000
NYSDOT **895007** TRANSIT <Exempt>	NEWBURGH-BEACON SHUTTLE BUS SERVICE INCLUDING STEWART INTERNATIONAL AIRPORT. CITIES OF BEACON AND NEWBURGH.		STP LG URBAN 10/2016	0.320	OPER		0.320					
			SDF 10/2016	0.080	OPER		0.080					
			STP LG URBAN 10/2017	0.320	OPER			0.320				
			SDF 10/2017	0.080	OPER			0.080				
			STP LG URBAN 10/2018	0.320	OPER				0.320			
			SDF 10/2018	0.080	OPER				0.080			
			STP LG URBAN 10/2019	0.320	OPER					0.320		
			SDF 10/2019	0.080	OPER					0.080		
			STP LG URBAN 10/2020	0.320	OPER						0.320	
			SDF 10/2020	0.080	OPER						0.080	
AQC:B1P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.000		0.000	0.400	0.400	0.400	0.400	0.400	0.000

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NYSDOT **895009** TRAFFIC <Exempt>	COACH BUS MARKETING AND PARKING CONTRACT: COACH USA PROMOTES ITS BUS SERVICES IN ORANGE AND ROCKLAND COUNTIES AS WELL AS LEASES / MAINTAINS PARK & RIDE LOTS FOR TRAVELERS. COACH USA PROVIDES THE NON-FEDERAL SHARE.		CMAQ 10/2015 SDF 10/2015 CMAQ 10/2016 SDF 10/2016 CMAQ 10/2017 SDF 10/2017 CMAQ 10/2018 SDF 10/2018 CMAQ 10/2019 SDF 10/2019 CMAQ 10/2020 SDF 10/2020	0.000 0.000 0.300 0.040 0.300 0.040 0.300 0.040 0.300 0.040 0.300 0.040	OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER	0.300 0.040		0.300 0.040	0.300 0.040	0.300 0.040	0.300 0.040	
AQC:B1P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.700		0.340	0.340	0.340	0.340	0.340	0.340	0.000
NYSDOT **8B1602** BRIDGE <Exempt>	BIENNIAL & INTERIM BRIDGE INSPECTIONS AS NEEDED IN COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES.		NHPP 01/2016 SDF 01/2016	0.000 0.000	MISC MISC	4.752 1.188						
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	0.000		5.940	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **8B1701** BRIDGE <Exempt>	STATE FORCES BRIDGE INSPECTIONS AS NEEDED IN COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES.		NHPP 10/2016 SDF 10/2016	0.880 0.220	MISC MISC		0.880 0.220					
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.100		0.000	1.100	0.000	0.000	0.000	0.000	0.000
NYSDOT **8B1801** BRIDGE <Exempt>	STATE FORCES BRIDGE INSPECTIONS AS NEEDED IN COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES.		NHPP 10/2017 SDF 10/2017	0.880 0.220	MISC MISC			0.880 0.220				
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.100		0.000	0.000	1.100	0.000	0.000	0.000	0.000
NYSDOT **8B1802** BRIDGE <Exempt>	BIENNIAL & INTERIM BRIDGE INSPECTIONS AS NEEDED IN COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES.		NHPP 01/2018 SDF 01/2018	4.752 1.188	MISC MISC			4.752 1.188				
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.940		0.000	0.000	5.940	0.000	0.000	0.000	0.000

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NYSDOT **8T0214** TRAFFIC <Exempt>	SIGNAL IMPROVEMENTS; INSTALL TRAFFIC SIGNALS &/OR UPGRADE/MODIFY EXISTING SIGNALS WHERE WARRANTED BY PRIORITY ORDER.IN COULUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES		**SDF** 09/2017	0.010	SCOPING		0.010					
			STP FLEX 07/2018	0.120	DETLDES			0.120				
			SDF 07/2018	0.030	DETLDES			0.030				
			STP FLEX 10/2017	0.040	PRELDES			0.040				
			SDF 10/2017	0.010	PRELDES			0.010				
			STP FLEX 07/2018	0.160	ROWACQU			0.160				
			SDF 07/2018	0.040	ROWACQU			0.040				
			STP FLEX 10/2017	0.080	ROWINCD			0.080				
			SDF 10/2017	0.020	ROWINCD			0.020				
			STP FLEX 02/2020	0.144	CONINSP					0.144		
			SDF 02/2020	0.036	CONINSP					0.036		
			STP FLEX 02/2020	1.200	CONST					1.200		
			SDF 02/2020	0.300	CONST					0.300		
AQC:D2P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.190		0.000	0.010	0.500	0.000	1.680	0.000	0.000
NYSDOT **8T0215** SAFETY <Exempt>	SIGNAL REQUIREMENTS: THIS PROJECT WILL CONSIST OF UPGRADING OR INSTALLING NEW TRAFFIC SIGNALS AS NEEDED. THE WORK WILL ADDRESS VARIOUS INTERSECTIONS IN MULTIPLE MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, AND PUTNAM.		STP FLEX 01/2018	0.080	DETLDES			0.080				
			SDF 01/2018	0.020	DETLDES			0.020				
			STP FLEX 02/2019	0.058	CONINSP				0.058			
			SDF 02/2019	0.014	CONINSP				0.014			
			STP FLEX 02/2019	0.480	CONST				0.480			
			SDF 02/2019	0.120	CONST				0.120			
AQC:D2Z	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.772		0.000	0.000	0.100	0.672	0.000	0.000	0.000
NYSDOT **8T0220** TRAFFIC <Exempt>	SIGNAL UPGRADES: REPLACING OUTDATED OR DEFECTIVE TRAFFIC AND PEDESTRIAN SIGNAL EQUIPMENT, EXCLUDING SIGNAL POLES, IN MULTIPLE MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM & WESTCHESTER		**SDF** 04/2017	0.050	DETLDES		0.050					
			CMAQ 02/2018	0.058	CONINSP			0.058				
			SDF 02/2018	0.014	CONINSP			0.014				
			CMAQ 02/2018	0.480	CONST			0.480				
			SDF 02/2018	0.120	CONST			0.120				
AQC:D2P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.722		0.000	0.050	0.672	0.000	0.000	0.000	0.000
NYSDOT **8T0225** SAFETY <Exempt>	GUIDERAIL REHABILITATION: PROJECT WILL CONSIST OF REPLACING DAMAGED OR NON-FUNCTIONAL GUIDERAIL AND MEDIAN BARRIERS ON STATE HIGHWAYS, THUS IMPROVING ROADWAY SAFETY. VARIOUS COUNTIES		NHPP 04/2018	0.016	DETLDES			0.016				
			SDF 04/2018	0.004	DETLDES			0.004				
			NHPP 02/2019	0.096	CONINSP				0.096			
			SDF 02/2019	0.024	CONINSP				0.024			
			STP FLEX 02/2019	0.096	CONINSP				0.096			
			SDF 02/2019	0.024	CONINSP				0.024			
			NHPP 02/2019	0.800	CONST				0.800			
			SDF 02/2019	0.200	CONST				0.200			
			STP FLEX 02/2019	0.800	CONST				0.800			
			SDF 02/2019	0.200	CONST				0.200			
AQC:A9P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.260		0.000	0.000	0.020	2.240	0.000	0.000	0.000

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NYSDOT **8T0227** SAFETY <Exempt>	GUIDERAIL REHABILITATION; PROJECT WILL CONSIST OF REPLACING DAMAGED OR NON-FUNCTIONAL GUIDERAIL AND MEDIAN BARRIERS ON STATE HIGHWAYS, THUS IMPROVING ROADWAY SAFETY. VARIOUS COUNTIES		NHPP 04/2017	0.016	DETLDES		0.016					
			SDF 04/2017	0.004	DETLDES		0.004					
			NHPP 02/2018	0.096	CONINSP			0.096				
			SDF 02/2018	0.024	CONINSP			0.024				
			STP FLEX 02/2018	0.048	CONINSP			0.048				
			SDF 02/2018	0.012	CONINSP			0.012				
			NHPP 02/2018	0.800	CONST			0.800				
			SDF 02/2018	0.200	CONST			0.200				
			STP FLEX 02/2018	0.400	CONST			0.400				
			SDF 02/2018	0.100	CONST			0.100				
AQC:A9P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.700		0.000	0.020	1.680	0.000	0.000	0.000	0.000
NYSDOT **8T0232** MISC <Exempt>	CULVERTS REHAB/REPLACE: THIS PROJECT CONSISTS OF REHABILITATING OR REPLACING CULVERTS WITH MAJOR DEFICIENCIES ON STATE HIGHWAYS IN VARIOUS MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER AND WESTCHESTER COUNTIES.		SDF 01/2016	0.000	SCOPING	0.010						
			SDF 09/2017	0.050	DETLDES		0.050					
			SDF 12/2016	0.010	PRELDES		0.010					
			SDF 09/2017	0.100	ROWACQU		0.100					
			SDF 12/2016	0.030	ROWINCD		0.030					
			NHPP 07/2019	0.240	CONINSP				0.240			
			SDF 07/2019	0.060	CONINSP				0.060			
			NHPP 07/2019	2.400	CONST				2.400			
			SDF 07/2019	0.600	CONST				0.600			
AQC:A2P	MULTI	**TPC:** $3.3-$5.6 M	**TOTAL 5YR COST :**	3.490		0.010	0.190	0.000	3.300	0.000	0.000	0.000
NYSDOT **8T0242** R&P <Exempt>	BIENNIAL MOWING INTERSTATE 84: THIS PROJECT CONSISTS OF REMOVING LITTER AND MOWING VEGETATION IN THE INTERCHANGE AREAS ALONG INTERSTATE ROUTE 84 IN DUTCHESS, ORANGE, AND PUTNAM COUNTIES.		SDF 07/2016	0.000	DETLDES	0.010						
			SDF 07/2017	0.066	CONINSP		0.066					
			SDF 07/2017	0.550	CONST		0.550					
AQC:C11P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.616		0.010	0.616	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0245** SAFETY <Exempt>	BIENNIAL LONG LINES. THIS PROJECT CONSISTS OF APPLYING EPOXY & PREFORMED PAVEMENT MARKINGS ON STATE HIGHWAYS. THIS WORK INVOLVES VARIOUS MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM & WESTCHESTER.		STP FLEX 04/2017	0.024	DETLDES		0.024					
			SDF 04/2017	0.006	DETLDES		0.006					
			NHPP 02/2018	0.320	CONINSP			0.320				
			SDF 02/2018	0.080	CONINSP			0.080				
			STP FLEX 02/2018	0.120	CONINSP			0.120				
			SDF 02/2018	0.030	CONINSP			0.030				
			NHPP 02/2018	3.200	CONST			3.200				
			SDF 02/2018	0.800	CONST			0.800				
			STP FLEX 02/2018	1.200	CONST			1.200				
			SDF 02/2018	0.300	CONST			0.300				
AQC:A10P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	6.080		0.000	0.030	6.050	0.000	0.000	0.000	0.000

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NYSDOT **8T0248** MISC <Exempt>	STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES MAINTENANCE (SPDES): PROJECT WILL UNDERTAKE CORRECTIVE & CYCLICAL MAINTENANCE WORK ON FACILITIES AND STRUCTURES DESIGNED TO COLLECT, STORE AND TREAT STORM WATER. VARIOUS COUNTIES IN REGION 8		STP FLEX 05/2018 SDF 05/2018 STP LG URBAN 05/2018 SDF 05/2018 STP FLEX 03/2019 SDF 03/2019 STP LG URBAN 03/2019 SDF 03/2019 STP FLEX 03/2019 SDF 03/2019 STP LG URBAN 03/2019 SDF 03/2019	0.008 0.002 0.008 0.002 0.048 0.012 0.048 0.012 0.400 0.100 0.400 0.100	DETLDES DETLDES DETLDES DETLDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST			0.008 0.002 0.008 0.002	0.048 0.012 0.048 0.012 0.400 0.100 0.400 0.100			
AQC:A2P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.140		0.000	0.000	0.020	1.120	0.000	0.000	0.000
NYSDOT **8T0254** BRIDGE <Exempt>	BRIDGE WHERE & WHEN CONTRACT: PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR & PREVENT FURTHER DEGRADATION OF STATE BRIDGES, LARGE CULVERTS, RETAINING WALLS, & OVERHEAD STRUCTURES IN THE EVENT OF AN EMERGENCY IN THE COUNTIES OF REGION 8		**SDF** 10/2016 SDF 05/2018 SDF 05/2018	0.015 0.240 2.000	DETLDES CONINSP CONST		0.015	0.240 2.000				
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.255		0.000	0.015	2.240	0.000	0.000	0.000	0.000
NYSDOT **8T0260** R&P <Exempt>	HIGHWAY WHERE & WHEN: 24 HR CONTRACTOR STANDBY READINESS: IMMEDIATELY REPAIR PORTIONS OF & PREVENT FURTHER DEGRADATION TO STATE HIGHWAYS IN THE EVENT OF EMERGENCY AS NEEDED IN REGION 8		**SDF** 03/2017 SDF 10/2018 SDF 10/2018	0.015 0.300 2.500	DETLDES CONINSP CONST		0.015		0.300 2.500			
AQC:A10P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	2.815		0.000	0.015	0.000	2.800	0.000	0.000	0.000
NYSDOT **8T0264** R&P <Exempt>	PREVENTIVE MAINTENANCE INITIATIVE PAVING (PMI) THIS PROJECT WILL CONSIST OF RESURFACING FLEXIBLE (ASPHALT) AND RIGID (CONCRETE) PAVEMENTS AND SHOULDERS OF STATE HIGHWAYS AT VARIOUS LOCATIONS AS NEEDED IN REGION 8		NHPP 04/2016 SDF 04/2016 NHPP 04/2016 SDF 04/2016	0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST	1.050 0.262 10.880 2.720						
AQC:A10P	MULTI	**TPC:** $12.5-$19 M	**TOTAL 5YR COST :**	0.000		14.912	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0265** R&P <Exempt>	PREVENTIVE MAINTENANCE INITIATIVE: THIS PROJECT WILL RESURFACE STATE HIGHWAYS IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER TO RESTORE THE RIDING SURFACE AND PRESERVE THE PAVEMENT STRUCTURE.		SDF 03/2016 SDF 02/2016 SDF 02/2016 NHPP 04/2017 **SDF** 04/2017 NHPP 04/2017 **SDF** 04/2017	0.000 0.000 0.000 1.280 0.320 12.800 3.200	DETLDES PRELDES SCOPING CONINSP CONINSP CONST CONST	0.100 0.015 0.010		1.280 0.320 12.800 3.200				
AQC:A10P	MULTI	**TPC:** $40-$60 M	**TOTAL 5YR COST :**	17.600		0.125	17.600	0.000	0.000	0.000	0.000	0.000

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NYSDOT **8T0266** R&P <Exempt>	PREVENTIVE MAINTENANCE INITIATIVE PAVING - THIS PROJECT WILL RESURFACE STATE HIGHWAYS IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER TO RESTORE THE RIDING SURFACE AND PRESERVE THE PAVEMENT STRUCTURE.		NHPP 06/2017 SDF 06/2017 NHPP 02/2017 SDF 02/2017 NHPP 10/2016 SDF 10/2016 NHPP 04/2018 SDF 04/2018 NHPP 04/2018 SDF 04/2018	0.080 0.020 0.012 0.003 0.008 0.002 1.280 0.320 12.800 3.200	DETLDES DETLDES PRELDES PRELDES SCOPING SCOPING CONINSP CONINSP CONST CONST		0.080 0.020 0.012 0.003 0.008 0.002	1.280 0.320 12.800 3.200				
AQC:A10P	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	17.725		0.000	0.125	17.600	0.000	0.000	0.000	0.000
NYSDOT **8T0283** R&P <Exempt>	CRACK SEALING. FILLING OF JOINTS AND CRACKS ON STATE HIGHWAYS. PROJECT WILL CONSIST OF CLEANING AND SEALING PAVEMENT CRACKS ON VARIOUS STATE HIGHWAYS. THIS WORK WILL IMPROVE AND PRESERVE THE INTEGRITY OF THE PAVEMENT. VARIOUS COUNTIES IN REGION 8.		STP FLEX 07/2017 SDF 07/2017 STP FLEX 05/2018 SDF 05/2018 STP FLEX 05/2018 SDF 05/2018	0.004 0.001 0.144 0.036 1.200 0.300	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.004 0.001	0.144 0.036 1.200 0.300				
AQC:A10P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.685		0.000	0.005	1.680	0.000	0.000	0.000	0.000
NYSDOT **8T0284** R&P <Exempt>	CRACK SEALING: THIS PROJECT WILL CONSIST OF CLEANING AND SEALING PAVEMENT CRACKS ON VARIOUS STATE HIGHWAYS. THIS WORK WILL IMPROVE AND PRESERVE THE INTEGRITY OF THE PAVEMENT BY PREVENTING WATER INFILTRATION. THE WORK WILL ENCOMPASS VARIOUS MUNICIPALITIES		STP FLEX 07/2016 SDF 07/2016 STP FLEX 05/2017 SDF 05/2017 STP FLEX 05/2017 SDF 05/2017	0.000 0.000 0.144 0.036 1.200 0.300	DETLDES DETLDES CONINSP CONINSP CONST CONST	0.004 0.001	0.144 0.036 1.200 0.300					
AQC:A10P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.680		0.005	1.680	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0289** SAFETY <Exempt>	SPECIAL SURFACE TREATMENT: THIS PROJECT WILL RESURFACE CERTAIN STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES THAT ARE IN NEED OF CORRECTIVE PAVEMENT TREATMENT.		HSIP 02/2017 SDF 02/2017 HSIP 02/2017 SDF 02/2017 HSIP 10/2016 SDF 10/2016	0.108 0.012 0.900 0.100 0.018 0.002	CONINSP CONINSP CONST CONST DETLDES DETLDES		0.108 0.012 0.900 0.100 0.018 0.002					
AQC:A10P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.140		0.000	1.140	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0290** SAFETY <Exempt>	SPECIAL SURFACE TREATMENT: THIS PROJECT WILL RESURFACE CERTAIN STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES THAT ARE IN NEED OF CORRECTIVE PAVEMENT TREATMENT.		HSIP 04/2017 SDF 04/2017 HSIP 02/2018 SDF 02/2018 HSIP 02/2018 SDF 02/2018	0.018 0.002 0.108 0.012 0.900 0.100	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.018 0.002	0.108 0.012 0.900 0.100				
AQC:A10P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.140		0.000	0.020	1.120	0.000	0.000	0.000	0.000

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NYSDOT **8T0295** BRIDGE <Exempt>	MAINTENANCE BY CONTRACT: PROVIDE MAINTENANCE WORK TO CORRECT OR PREVENT PROBLEMS RELATED TO THE DETERIORATION OF A VARIETY OF BRIDGE COMPONENTS AS NEEDED IN REGION 8		SDF 09/2016 SDF 06/2016 **SDF** 03/2017 NHPP 12/2017 SDF 12/2017 NHPP 12/2017 SDF 12/2017	0.000 0.000 0.125 1.200 0.300 12.000 3.000	PRELDES SCOPING DETLDES CONINSP CONINSP CONST CONST	0.075 0.050	0.125	1.200 0.300 12.000 3.000				
AQC:A19P	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	16.625		0.125	0.125	16.500	0.000	0.000	0.000	0.000
NYSDOT **8T0296** BRIDGE <Exempt>	MAINTENANCE BY CONTRACT BRIDGE: PROJECT WILL PROVIDE MAINTENANCE WORK TO CORRECT OR PREVENT PROBLEMS RELATED TO THE DETERIORATION OF A VARIETY OF BRIDGE COMPONENTS IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM & WESTCHESTER.		**SDF** 09/2017 **SDF** 06/2017 SDF 03/2018 NHPP 01/2019 SDF 01/2019 NHPP 01/2019 SDF 01/2019	0.075 0.050 0.125 1.200 0.300 12.000 3.000	PRELDES SCOPING DETLDES CONINSP CONINSP CONST CONST		0.075 0.050	0.125	1.200 0.300 12.000 3.000			
AQC:A19Z	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	16.750		0.000	0.125	0.125	16.500	0.000	0.000	0.000
NYSDOT **8T0319** SAFETY <Exempt>	GUIDERAIL REPLACEMENT REGION WIDE: THIS PROJECT WILL REPLACE DAMAGED OR NON-FUNCTIONAL GUIDERAIL AND BRIDGE RAIL ON STATE HIGHWAYS IN VARIOUS MUNICIPALITIES THROUGHOUT THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		STP FLEX 02/2018 SDF 02/2018 STP FLEX 12/2018 SDF 12/2018 STP FLEX 12/2018 SDF 12/2018	0.040 0.010 0.192 0.048 1.600 0.400	DETLDES DETLDES CONINSP CONINSP CONST CONST			0.040 0.010	0.192 0.048 1.600 0.400			
AQC:A9P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.290		0.000	0.000	0.050	2.240	0.000	0.000	0.000
NYSDOT **8T0334** MISC <Exempt>	GRAFFITI REMOVAL: THIS PROJECT WILL REMOVE GRAFFITI FROM NOISE BARRIERS, RETAINING WALLS, AND BRIDGES ON STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER, AND WESTCHESTER COUNTIES.		SDF 12/2015 **SDF** 01/2017 **SDF** 01/2017	0.000 0.036 0.300	DETLDES CONINSP CONST	0.010	0.036 0.300					
AQC:C11P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.336		0.010	0.336	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0346** R&P <Exempt>	BIENNIAL ROADSIDE VEGETATION MANAGEMENT: PROJECT WILL CONSIST OF REMOVING OVERGROWN & UNDESIRABLE VEGETATION ALONG STATE HIGHWAYS, INCLUDING EXIT/ENTRANCE RAMPS AND REST AREAS. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		**SDF** 02/2017 SDF 03/2018 SDF 03/2018	0.010 0.054 0.450	DETLDES CONINSP CONST		0.010	0.054 0.450				
AQC:C11P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.514		0.000	0.010	0.504	0.000	0.000	0.000	0.000

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					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0357** MISC <Exempt>	CATCH BASINS: PROJECT WILL REPAIR/REPLACE STORMWATER CATCH BASINS TO ENSURE THAT THE DRAINAGE SYSTEM FUNCTIONS AS ORIGINALLY DESIGNED. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND & WESTCHESTER COUNTIES	SDF 02/2016 NHPP 03/2017 SDF 03/2017 NHPP 03/2017 SDF 03/2017	0.000 0.144 0.036 1.200 0.300	DETLDES CONINSP CONINSP CONST CONST	0.050	 0.144 0.036 1.200 0.300					
AQC:A2P	MULTI **TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.680		0.050	1.680	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0359** MISC <Exempt>	CATCH BASINS: THIS PROJECT WILL REPAIR OR REPLACE STORM WATER CATCH BASINS TO ENSURE THAT THE DRAINAGE SYSTEM FUNCTIONS AS ORIGINALLY DESIGNED. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES	NHPP 02/2018 SDF 02/2018 NHPP 03/2019 SDF 03/2019 NHPP 03/2019 SDF 03/2019	0.040 0.010 0.120 0.030 1.000 0.250	DETLDES DETLDES CONINSP CONINSP CONST CONST			0.040 0.010	 0.120 0.030 1.000 0.250			
AQC:A2P	MULTI **TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.450		0.000	0.000	0.050	1.400	0.000	0.000	0.000
NYSDOT **8T0373** MISC <Exempt>	ENVIRONMENTAL REMEDIATION CONTRACT: PROJECT WILL TAKE CORRECTIVE ACTION TO RESTORE ENVIRONMENTAL FEATURES, SUCH AS STORM WATER CONTROL FACILITIES & LANDSCAPING, TO THEIR INTENDED FUNCTIONS AS CONSTRUCTED IN PREVIOUS PROJECTS. COUNTIES WITHIN REGION 8.	STP FLEX 02/2017 SDF 02/2017 STP FLEX 04/2018 SDF 04/2018 STP FLEX 04/2018 SDF 04/2018	0.040 0.010 0.038 0.010 0.320 0.080	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.040 0.010	 0.038 0.010 0.320 0.080				
AQC:C11P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.498		0.000	0.050	0.448	0.000	0.000	0.000	0.000
NYSDOT **8T0384** R&P <Exempt>	HIGHWAY JOB ORDER CONTRACT: HIGHWAY JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF THE HIGHWAYS IN REGION 8.	SDF 04/2017 SDF 05/2018 SDF 05/2018	0.010 0.240 2.000	DETLDES CONINSP CONST		0.010	 0.240 2.000				
AQC:A10P	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.250		0.000	0.010	2.240	0.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0402** MOBIL <Exempt>	TRAVEL DEMAND MANAGEMENT (TDM) PROGRAM TO DEVELOP PROJECTS & STRATEGIES TO OPTIMIZE THE TRANSPORTATION SYSTEM PERFORMANCE BY PROMOTING MODE CHOICES, DIRECTION/TIME OF TRAVEL WHICH LEADS TO REDUCED CONGESTION & IMPROVED AIR QUALITY IN MHSTCC AREA.		CMAQ 10/2015	0.000	OPER	0.600						
			SDF 10/2015	0.000	OPER	0.150						
			CMAQ 10/2016	2.300	OPER		2.300					
			SDF 10/2016	0.575	OPER		0.575					
			CMAQ 10/2017	2.300	OPER			2.300				
			SDF 10/2017	0.575	OPER			0.575				
			CMAQ 10/2018	2.300	OPER				2.300			
			SDF 10/2018	0.575	OPER				0.575			
			CMAQ 10/2019	2.300	OPER					2.300		
			SDF 10/2019	0.575	OPER					0.575		
			CMAQ 10/2020	2.300	OPER						2.300	
			SDF 10/2020	0.575	OPER						0.575	
			CMAQ 10/2021	0.000	OPER							2.300
			SDF 10/2021	0.000	OPER							0.575
AQC:C4P	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	14.375		0.750	2.875	2.875	2.875	2.875	2.875	2.875
NYSDOT **8T0477** STUDY <Exempt>	BIENNIAL ACCIDENT INVESTIGATION (HSIP): THIS PROJECT CONSISTS OF INVESTIGATING ACCIDENT LOCATIONS TO IDENTIFY THOSE THAT WILL BE SPECIFICALLY TARGETED FOR SAFETY IMPROVEMENTS IN REGION 8.		HSIP 01/2017	1.350	MISC		1.350					
			SDF 01/2017	0.150	MISC		0.150					
AQC:A6P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.500		0.000	1.500	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0532** SAFETY <Exempt>	BIENNIAL SPECIAL MARKINGS: WORK WILL APPLY EPOXY & PREFORMED PAVEMENT MARKINGS (SUCH AS STOP BARS, CROSSWALK LINES, ARROWS, ETC.) ON FEDERAL AID ELIGIBLE ROUTES. AS NEEDED IN REGION 8		STP FLEX 12/2016	0.024	DETLDES		0.024					
			SDF 12/2016	0.006	DETLDES		0.006					
			STP FLEX 02/2018	0.240	CONINSP			0.240				
			SDF 02/2018	0.060	CONINSP			0.060				
			STP FLEX 02/2018	2.200	CONST			2.200				
			SDF 02/2018	0.550	CONST			0.550				
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	3.080		0.000	0.030	3.050	0.000	0.000	0.000	0.000
NYSDOT **8T0539** R&P <Exempt>	BIENNIAL MOWING IN ROCKLAND AND ORANGE COUNTIES: PROJECT WILL CONSIST OF REMOVING LITTER AND MOWING VEGETATION ALONG THE PALISADES INTERSTATE PARKWAY, INCLUDING EXIT AND ENTRANCE RAMPS. THIS WORK WILL IMPROVE HIGHWAY SAFETY AND AESTHETICS		SDF 01/2017	0.010	DETLDES		0.010					
			SDF 02/2018	0.045	CONINSP			0.045				
			SDF 02/2018	0.375	CONST			0.375				
AQC:C11P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.430		0.000	0.010	0.420	0.000	0.000	0.000	0.000

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					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0581** R&P <Exempt>	BIENNIAL MOWING INTERSTATE 84 : THIS PROJECT WILL CONSIST OF REMOVING LITTER AND MOWING VEGETATION ALONG THE PALISADES INTERSTATE PARKWAY & A SMALL CONNECTING SECTION OF ROUTE 6, INCLUDING EXIT AND ENTRANCE RAMPS. DUTCHESS, ORANGE AND PUTNAM COUNTIES.	SDF 01/2018 SDF 02/2019 SDF 02/2019	0.010 0.066 0.550	DETLDES CONINSP CONST			0.010	0.066 0.550			
AQC:C11P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.626		0.000	0.000	0.010	0.616	0.000	0.000	0.000
NYSDOT **8T0598** STUDY <Exempt>	GEOTECH SUBSURFACE EXPLORATIONS CONTRACT: THIS PROJECT CONSISTS OF EXPLORING SUBSURFACE SOIL CONDITIONS TO PROVIDE DATA NEEDED IN ADVANCE OF HIGHWAY AND BRIDGE DESIGN. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES	NHPP 12/2016 SDF 12/2016 NHPP 10/2017 SDF 10/2017 NHPP 10/2017 SDF 10/2017	0.012 0.003 0.058 0.014 0.480 0.120	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.012 0.003	0.058 0.014 0.480 0.120				
AQC:C5P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.687		0.000	0.015	0.672	0.000	0.000	0.000	0.000
NYSDOT **8T0599** STUDY <Exempt>	GEOTECH SUBSURFACE EXPLORATIONS CONTRACT: THIS PROJECT WILL EXPLORE SUBSURFACE SOIL CONDITIONS TO PROVIDE DATA NEEDED IN ADVANCE OF HIGHWAY AND BRIDGE DESIGN. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES	SDF 12/2017 NHPP 10/2018 SDF 10/2018 NHPP 10/2018 SDF 10/2018	0.015 0.059 0.013 0.480 0.120	DETLDES CONINSP CONINSP CONST CONST			0.015	0.059 0.013 0.480 0.120			
AQC:C5P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.687		0.000	0.000	0.015	0.672	0.000	0.000	0.000
LOCAL **8T0600** RECON <Exempt>	MID-HUDSON SOUTH FUNDING FOR THE MAINTENANCE & REHABILITATION OF BRIDGES AND PAVEMENT TRANSPORTATION SYSTEM ON FEDERAL AID ELIGIBLE ROUTES IN PUTNAM, ROCKLAND & WESTCHESTER COUNTIES	STP LG URBAN 12/2016 STP LG URBAN 12/2018 STP LG URBAN 12/2019 STP LG URBAN 12/2020	2.655 6.092 1.465 12.688	MISC MISC MISC MISC		2.655		6.092	1.465	12.688	
AQC:A10P	MULTI **TPC:** $21-$31 M	**TOTAL 5YR COST :**	22.900		0.000	2.655	0.000	6.092	1.465	12.688	0.000
NYSDOT **8T0602** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS & PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY & INTEGRITY OF BRIDGES . COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES	STP FLEX 09/2016 SDF 09/2016 STP FLEX 09/2016 SDF 09/2016 STP FLEX 02/2016 SDF 02/2016	0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONST CONST DETLDES DETLDES	0.096 0.024 0.800 0.200 0.008 0.002						
AQC:A19P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		1.130	0.000	0.000	0.000	0.000	0.000	0.000

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NYSDOT **8T0606** MISC <Exempt>	CULVERTS PREVENTIVE MAINTENANCE. PROJECT CONSISTS OF TAKING CORRECTIVE ACTIONS TO ADDRESS CULVERT DEFICIENCIES ON STATE HIGHWAYS IN VARIOUS MUNICIPALITIES IN THE COUNTIES OF COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER, OR WESTCHESTER.		SDF 07/2018 SDF 07/2018 SDF 05/2018 SDF 10/2018 SDF 10/2018 SDF 02/2020 SDF 02/2020	0.010 0.030 0.010 0.100 0.100 0.144 1.200	PRELDES ROWINCD SCOPING DETLDES ROWACQU CONINSP CONST			0.010 0.030 0.010	0.100 0.100	0.144 1.200		
AQC:A2P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.594		0.000	0.000	0.050	0.200	1.344	0.000	0.000
NYSDOT **8T0609** R&P <Exempt>	HIGHWAY WHERE & WHEN: PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FUTURE DEGRADATION OF PORTIONS OF STATE HIGHWAYS IN THE EVENT OF AN EMERGENCY. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES		**SDF** 03/2017 SDF 10/2019 SDF 10/2019	0.015 0.300 2.500	DETLDES CONINSP CONST		0.015			0.300 2.500		
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.815		0.000	0.015	0.000	0.000	2.800	0.000	0.000
NYSDOT **8T0610** R&P <Exempt>	HIGHWAY JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES AS NEEDED TO PRESERVE THE SAFETY AND INTEGRITY OF STATE HIGHWAYS. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM & WESTCHESTER		SDF 04/2018 SDF 05/2019 SDF 05/2019	0.010 0.240 2.000	DETLDES CONINSP CONST			0.010	0.240 2.000			
AQC:A1P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.250		0.000	0.000	0.010	2.240	0.000	0.000	0.000
NYSDOT **8T0611** R&P <Exempt>	PREVENTIVE MAINTENANCE INITIATIVE PAVING - PROJECT WILL RESURFACE STATE HIGHWAYS IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER TO RESTORE THE RIDING SURFACE AND PRESERVE THE PAVEMENT STRUCTURE.		NHPP 06/2018 SDF 06/2018 NHPP 02/2018 SDF 02/2018 NHPP 10/2017 SDF 10/2017 NHPP 04/2019 SDF 04/2019 NHPP 04/2019 SDF 04/2019	0.120 0.030 0.020 0.005 0.008 0.002 1.600 0.400 16.000 4.000	DETLDES DETLDES PRELDES PRELDES SCOPING SCOPING CONINSP CONINSP CONST CONST			0.120 0.030 0.020 0.005 0.008 0.002	1.600 0.400 16.000 4.000			
AQC:A10P	MULTI	**TPC:** $21-$31 M	**TOTAL 5YR COST :**	22.185		0.000	0.000	0.185	22.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0612** R&P <Exempt>	CRACK SEALING: PROJECT CONSISTS OF CLEANING &SEALING PAVEMENT CRACKS ON VARIOUS STATE HIGHWAYS. WORK WILL IMPROVE & PRESERVE THE INTEGRITY OF THE PAVEMENT BY PREVENTING WATER INFILTRATION. VARIOUS COUNTIES IN REGION 8.		STP FLEX 07/2018 SDF 07/2018 STP FLEX 05/2019 SDF 05/2019 STP FLEX 05/2019 SDF 05/2019	0.004 0.001 0.144 0.036 1.200 0.300	DETLDES DETLDES CONINSP CONINSP CONST CONST			0.004 0.001	0.144 0.036 1.200 0.300			
AQC:A10P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.685		0.000	0.000	0.005	1.680	0.000	0.000	0.000
NYSDOT **8T0613** SAFETY <Exempt>	SPECIAL SURFACE TREATMENT: THIS PROJECT WILL RESURFACE CERTAIN STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES THAT ARE IN NEED OF CORRECTIVE PAVEMENT TREATMENT.		HSIP 04/2018 SDF 04/2018 HSIP 02/2019 SDF 02/2019 HSIP 02/2019 SDF 02/2019	0.018 0.002 0.108 0.012 0.900 0.100	DETLDES DETLDES CONINSP CONINSP CONST CONST			0.018 0.002	0.108 0.012 0.900 0.100			
AQC:A10P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.140		0.000	0.000	0.020	1.120	0.000	0.000	0.000
NYSDOT **8T0619** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT: THIS PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF BRIDGES. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		STP FLEX 06/2016 SDF 06/2016 STP FLEX 04/2017 SDF 04/2017 STP FLEX 04/2017 SDF 04/2017	0.000 0.000 0.096 0.024 0.800 0.200	DETLDES DETLDES CONINSP CONINSP CONST CONST	0.008 0.002	0.096 0.024 0.800 0.200					
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.120		0.010	1.120	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0620** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT: THIS PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF BRIDGES. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		STP FLEX 06/2017 SDF 06/2017 STP FLEX 04/2018 SDF 04/2018 STP FLEX 04/2018 SDF 04/2018	0.008 0.002 0.096 0.024 0.800 0.200	DETLDES DETLDES CONINSP CONINSP CONST CONST		0.008 0.002	0.096 0.024 0.800 0.200				
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.130		0.000	0.010	1.120	0.000	0.000	0.000	0.000
NYSDOT **8T0621** BRIDGE <Exempt>	BRIDGE JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS & PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY & INTEGRITY OF BRIDGES. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.		STP FLEX 06/2018 SDF 06/2018 STP FLEX 04/2019 SDF 04/2019 STP FLEX 04/2019 SDF 04/2019	0.008 0.002 0.096 0.024 0.800 0.200	DETLDES DETLDES CONINSP CONINSP CONST CONST			0.008 0.002	0.096 0.024 0.800 0.200			
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.130		0.000	0.000	0.010	1.120	0.000	0.000	0.000

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AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY / TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0622** BRIDGE <Exempt>	STRUCTURES WHERE & WHEN: PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR & PREVENT FURTHER DEGRADATION OF STATE BRIDGES, LARGE CULVERTS, RETAINING WALLS, & OVERHEAD STRUCTURES IN THE EVENT OF AN EMERGENCY. COUNTIES WITHIN REGION 8	SDF 10/2017 SDF 05/2019 SDF 05/2019	0.015 0.240 2.000	DETLDES CONINSP CONST			0.015	 0.240 2.000			
AQC:A19Z	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.255		0.000	0.000	0.015	2.240	0.000	0.000	0.000
NYSDOT **8T0623** BRIDGE <Exempt>	MAINTENANCE BY CONTRACT BRIDGE: PROJECT WILL PROVIDE MAINTENANCE WORK TO CORRECT OR PREVENT PROBLEMS RELATED TO THE DETERIORATION OF A VARIETY OF BRIDGE COMPONENTS IN THE COUNTIES OF COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER.	SDF 09/2018 SDF 06/2018 SDF 03/2019 NHPP 01/2020 SDF 01/2020 NHPP 01/2020 SDF 01/2020	0.125 0.075 0.250 1.320 0.330 13.200 3.300	PRELDES SCOPING DETLDES CONINSP CONINSP CONST CONST			0.125 0.075	 0.250	 1.320 0.330 13.200 3.300		
AQC:A19P	MULTI **TPC:** $15-$25 M	**TOTAL 5YR COST :**	18.600		0.000	0.000	0.200	0.250	18.150	0.000	0.000
NYSDOT **8T0624** BRIDGE <Exempt>	BRIDGE REHABILITATION: PROJECT WILL UNDERTAKE CORRECTIVE AND PREVENTATIVE MAINTENANCE ACTIONS TO EXTEND THE SERVICE LIFE OF BRIDGES ON STATE HIGHWAYS IN COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES.	NHPP 04/2018 SDF 04/2018 NHPP 04/2018 SDF 04/2018	0.800 0.200 8.000 2.000	CONINSP CONINSP CONST CONST			0.800 0.200 8.000 2.000				
AQC:A19P	MULTI **TPC:** $9.5-15.5 M	**TOTAL 5YR COST :**	11.000		0.000	0.000	11.000	0.000	0.000	0.000	0.000
NYSDOT **8T0626** BRIDGE <Exempt>	BRIDGE WASHING/DECK SEALING: PROJECT CONSISTS OF CLEANING/WASHING BRIDGES &SEALING DECKS AS NEEDED. WORK WILL REMOVE DEBRIS FROM THE BRIDGES & PROTECT THEM AGAINST CORROSIVE SUBSTANCES. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER & WESTCHESTER	SDF 04/2018 SDF 03/2019 SDF 03/2019	0.014 0.090 0.750	DETLDES CONINSP CONST			0.014	 0.090 0.750			
AQC:A19P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.854		0.000	0.000	0.014	0.840	0.000	0.000	0.000
NYSDOT **8T0627** BRIDGE <Exempt>	BRIDGE WASHING/DECK SEALING:R POJECT WILL CONSIST OF CLEANING/WASHING BRIDGES &SEALING DECKS AS NEEDED. WORK WILL REMOVE DEBRIS FROM BRIDGES & PROTECT THEM AGAINST CORROSIVE SUBSTANCES. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER & WESTCHESTER	SDF 04/2017 SDF 03/2020 SDF 03/2020	0.014 0.090 0.750	DETLDES CONINSP CONST		0.014			 0.090 0.750		
AQC:A19P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.854		0.000	0.014	0.000	0.000	0.840	0.000	0.000

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AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0628** BRIDGE <Exempt>	BRIDGE PAINTING: PROJECT WILL CONSIST OF PAINTING STEEL SURFACES ON BRIDGES TO PROTECT AGAINST NORMAL ENVIRONMENTAL EFFECTS OF CORROSION, ACID RAIN, & DEICING AGENTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND ULSTER & WESTCHESTER COUNTIES		**SDF** 05/2017	0.100	DETLDES		0.100					
			SDF 02/2017	0.085	PRELDES		0.085					
			SDF 12/2016	0.065	SCOPING		0.065					
			NHPP 03/2018	0.320	CONINSP			0.320				
			SDF 03/2018	0.080	CONINSP			0.080				
			STP FLEX 03/2018	0.080	CONINSP			0.080				
			SDF 03/2018	0.020	CONINSP			0.020				
			NHPP 03/2018	3.200	CONST			3.200				
			SDF 03/2018	0.800	CONST			0.800				
			STP FLEX 03/2018	0.800	CONST			0.800				
			SDF 03/2018	0.200	CONST			0.200				
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.750		0.000	0.250	5.500	0.000	0.000	0.000	0.000
NYSDOT **8T0629** BRIDGE <Exempt>	BRIDGE PAINTING: PROJECT WILL CONSIST OF PAINTING STEEL SURFACES ON BRIDGES TO PROTECT AGAINST NORMAL ENVIRONMENTAL EFFECTS OF CORROSION, ACID RAIN, & DEICING AGENTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND, ULSTER & WESTCHESTER COUNTIES		SDF 05/2018	0.100	DETLDES			0.100				
			SDF 02/2018	0.085	PRELDES			0.085				
			SDF 12/2017	0.065	SCOPING			0.065				
			NHPP 03/2019	0.320	CONINSP				0.320			
			SDF 03/2019	0.080	CONINSP				0.080			
			STP FLEX 03/2019	0.080	CONINSP				0.080			
			SDF 03/2019	0.020	CONINSP				0.020			
			NHPP 03/2019	3.200	CONST				3.200			
			SDF 03/2019	0.800	CONST				0.800			
			STP FLEX 03/2019	0.800	CONST				0.800			
			SDF 03/2019	0.200	CONST				0.200			
AQC:A19P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.750		0.000	0.000	0.250	5.500	0.000	0.000	0.000
NYSDOT **8T0636** MISC <Exempt>	CULVERT JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS & PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF CULVERTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND ULSTER & WESTCHESTER COUNTIES		SDF 07/2016	0.000	CONINSP	0.090						
			SDF 07/2016	0.000	CONST	0.750						
AQC:A2P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.000		0.840	0.000	0.000	0.000	0.000	0.000	0.000
NYSDOT **8T0637** MISC <Exempt>	CULVERT JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY & INTEGRITY OF CULVERTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND ULSTER & WESTCHESTER COUNTIES		SDF 09/2016	0.000	DETLDES	0.005						
			SDF 07/2017	0.090	CONINSP		0.090					
			SDF 07/2017	0.750	CONST		0.750					
AQC:A2P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.840		0.005	0.840	0.000	0.000	0.000	0.000	0.000

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					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0638** MISC <Exempt>	CULVERT JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS & PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY AND INTEGRITY OF CULVERTS. COLUMBIA, DUTCHESS ORANGE, PUTNAM, ULSTER & WESTCHESTER COUNTIES	SDF 09/2017 SDF 07/2018 SDF 07/2018	0.005 0.090 0.750	DETLDES CONINSP CONST		0.005	 0.090 0.750				
AQC:A2P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.845		0.000	0.005	0.840	0.000	0.000	0.000	0.000
NYSDOT **8T0639** MISC <Exempt>	CULVERT JOB ORDER CONTRACT: PROJECT WILL CONSIST OF MAKING REPAIRS AND PERFORMING OTHER MAINTENANCE-RELATED ACTIVITIES, AS NEEDED, TO PRESERVE THE SAFETY & INTEGRITY OF CULVERTS. COLUMBIA, DUTCHESS, ORANGE, PUTNAM, ROCKLAND ULSTER & WESTCHESTER COUNTIES	SDF 09/2018 SDF 07/2019 SDF 07/2019	0.005 0.090 0.750	DETLDES CONINSP CONST			0.005	 0.090 0.750			
AQC:A2P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	0.845		0.000	0.000	0.005	0.840	0.000	0.000	0.000
NYSDOT **8T0640** RECON <Exempt>	SYSTEM REPAIR VII: PROJECT WILL REPAIR OR REHABILITATE HIGHWAY INFRASTRUCTURE ELEMENTS THAT ARE BEYOND THE MEANS OF THE DEPARTMENT'S MAINTENANCE FORCES SUCH AS RETAINING WALLS IN REGION 8.	NHPP 06/2017 SDF 06/2017 STP FLEX 02/2017 SDF 02/2017 NHPP 06/2017 SDF 06/2017 STP FLEX 02/2017 SDF 02/2017 NHPP 10/2016 SDF 10/2016 NHPP 01/2018 SDF 01/2018 STP FLEX 01/2018 SDF 01/2018 NHPP 01/2018 SDF 01/2018 STP FLEX 01/2018 SDF 01/2018 NHPP 02/2019 SDF 02/2019 STP FLEX 02/2019 SDF 02/2019 NHPP 02/2019 SDF 02/2019 STP FLEX 02/2019 SDF 02/2019	0.060 0.015 0.061 0.015 0.012 0.003 0.012 0.003 0.040 0.010 0.040 0.010 0.040 0.010 0.080 0.020 0.080 0.020 0.048 0.012 0.048 0.012 0.800 0.200 0.400 0.100	PRELDES PRELDES PRELDES PRELDES ROWINCD ROWINCD ROWINCD ROWINCD SCOPING SCOPING DETLDES DETLDES DETLDES DETLDES ROWACQU ROWACQU ROWACQU ROWACQU CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.060 0.015 0.061 0.015 0.012 0.003 0.012 0.003 0.040 0.010	 0.040 0.010 0.040 0.010 0.080 0.020 0.080 0.020	 0.048 0.012 0.048 0.012 0.800 0.200 0.400 0.100			
AQC:A2Z	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.151		0.000	0.231	0.300	1.620	0.000	0.000	0.000

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NYSDOT **8T0680** RECON <Exempt>	SYSTEM REPAIR IX: PROJECT WILL REPAIR OR REHABILITATE HIGHWAY INFRASTRUCTURE ELEMENTS THAT ARE BEYOND THE MEANS OF THE DEPARTMENT'S MAINTENANCE FORCES SUCH AS RETAINING WALLS IN REGION 8.		NHPP 06/2018	0.060	PRELDES			0.060				
			SDF 06/2018	0.015	PRELDES			0.015				
			STP FLEX 06/2018	0.064	PRELDES			0.064				
			SDF 06/2018	0.016	PRELDES			0.016				
			NHPP 06/2018	0.012	ROWINCD			0.012				
			SDF 06/2018	0.003	ROWINCD			0.003				
			STP FLEX 06/2018	0.013	ROWINCD			0.013				
			SDF 06/2018	0.003	ROWINCD			0.003				
			NHPP 02/2018	0.040	SCOPING			0.040				
			SDF 02/2018	0.010	SCOPING			0.010				
			NHPP 01/2019	0.040	DETLDES				0.040			
			SDF 01/2019	0.010	DETLDES				0.010			
			STP FLEX 01/2019	0.040	DETLDES				0.040			
			SDF 01/2019	0.010	DETLDES				0.010			
			NHPP 01/2019	0.080	ROWACQU				0.080			
			SDF 01/2019	0.020	ROWACQU				0.020			
			STP FLEX 01/2019	0.080	ROWACQU				0.080			
			SDF 01/2019	0.020	ROWACQU				0.020			
			NHPP 02/2020	0.048	CONINSP					0.048		
			SDF 02/2020	0.012	CONINSP					0.012		
			STP FLEX 02/2020	0.048	CONINSP					0.048		
			SDF 02/2020	0.012	CONINSP					0.012		
			NHPP 02/2020	0.400	CONST					0.400		
			SDF 02/2020	0.100	CONST					0.100		
			STP FLEX 02/2020	0.800	CONST					0.800		
			SDF 02/2020	0.200	CONST					0.200		
AQC:A2Z	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.156		0.000	0.000	0.236	0.300	1.620	0.000	0.000
NYSDOT **8T0685** R&P <Exempt>	HIGHWAY WHERE & WHEN: PROJECT WILL CONSIST OF TAKING IMMEDIATE ACTION TO REPAIR AND PREVENT FUTURE DEGRADATION OF PORTIONS OF STATE HIGHWAYS IN THE EVENT OF AN EMERGENCY. COLUMBIA, DUTCHESS, ULSTER, ROCKLAND, ORANGE, PUTNAM AND WESTCHESTER COUNTIES		SDF 03/2018	0.015	DETLDES			0.015				
			SDF 10/2020	0.300	CONINSP						0.300	
			SDF 10/2020	2.500	CONST						2.500	
AQC:A10P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.815		0.000	0.000	0.015	0.000	0.000	2.800	0.000
LOCAL **8T0713** MISC <Exempt>	MID HUDSON SOUTH BLOCK FUNDING FOR FUTURE CMAQ PROJECTS IN PUTNAM, ROCKLAND & WESTCHESTER COUNTIES		CMAQ 12/2016	9.279	MISC		9.279					
			CMAQ 12/2017	0.208	MISC			0.208				
			CMAQ 12/2018	5.024	MISC				5.024			
			CMAQ 12/2019	0.925	MISC					0.925		
			CMAQ 12/2020	9.310	MISC						9.310	
AQC:J1Z	MULTI	**TPC:** $32-$50 M	**TOTAL 5YR COST :**	24.746		0.000	9.279	0.208	5.024	0.925	9.310	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSDOT **8T0718** MOBIL <Exempt>	SIGNAL COMMUNICATIONS: PROJECT WILL ENABLE INDIVIDUAL TRAFFIC SIGNALS TO COMMUNICATE CURRENT TRAFFIC CONDITIONS TO A CENTRAL MONITORING UNIT WHICH WILL HAVE THE ABILITY TO ADJUST INDIVIDUAL SIGNAL TIMING ON AN AS-NEEDED BASIS FOR OPTIMUM LEVEL OF SERVICE.		CMAQ 10/2016 **SDF** 10/2016 HSIP 10/2016 **SDF** 10/2016 CMAQ 10/2018 SDF 10/2018 HSIP 10/2018 SDF 10/2018 CMAQ 10/2020 SDF 10/2020 HSIP 10/2020 SDF 10/2020	1.064 0.266 0.540 0.060 1.064 0.266 0.540 0.060 1.072 0.268 0.540 0.060	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC		1.064 0.266 0.540 0.060		1.064 0.266 0.540 0.060		1.072 0.268 0.540 0.060	
AQC:A7Z	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.800		0.000	1.930	0.000	1.930	0.000	1.940	0.000
NYSDOT **8TM015** MOBIL <Exempt>	HAVERSTRAW-OSSINING FERRY: PEAK HOUR SERVICE BETWEEN HAVERSTRAW-OSSINING, CONNECTING TO METRO NORTH SERVICE TO GRAND CENTRAL TERMINAL		**MTA** 03/2017	0.500	MISC		0.500					
AQC:B1P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	0.500		0.000	0.500	0.000	0.000	0.000	0.000	0.000
NYSBA **B0002** BRIDGE <Exempt>	BRIDGE PAINTING: BEAR MOUNTAIN BRIDGE - SPOT CLEAN AND PAINTING OF TOWERS AND STIFFENING TRUSS. ROCKLAND & WESTCHESTER COUNTY		OTHER 02/2018	0.500	CONST			0.500				
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.500		0.000	0.000	0.500	0.000	0.000	0.000	0.000
NYSBA **B0005** BRIDGE <Exempt>	BEAR MOUNTAIN MAIN CABLE EVALUATION. MAIN CABLE INVESTIGATION - 10 YEAR CYCLE TO MAINTAIN STATE OF GOOD REPAIR.		OTHER 01/2016 **OTHER** 01/2017	0.000 1.500	MISC CONST	0.100	 1.500					
AQC:A19Z	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.500		0.100	1.500	0.000	0.000	0.000	0.000	0.000
NYSTA **B06351** BRIDGE <Exempt>	VARIOUS BRIDGES IN THE NEW YORK DIVISION TO BE PAINTED TO EXTEND THE SERVICE LIFE OF THE BRIDGES IN WESTCHESTER, ROCKLAND, ORANGE AND ULSTER COUNTIES.		**TWY** 01/2017 TWY 01/2018 TWY 01/2018	0.100 0.450 5.000	DETLDES CONINSP CONST		0.100	 0.450 5.000				
AQC:A19Z	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	5.550		0.000	0.100	5.450	0.000	0.000	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSTA **B09931** BRIDGE <Exempt>	2018/2020 ON-DEMAND BRIDGE REPAIR CONTRACT: NEW YORK DIVISION TO MAINTAIN STATE OF GOOD REPAIR: VARIOUS COUNTIES		TWY 08/2018 TWY 08/2018	0.210 2.000	CONINSP CONST			0.210 2.000				
AQC:A19Z	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.210		0.000	0.000	2.210	0.000	0.000	0.000	0.000
METRO-NORTH **E-M03-03-01** 3-TRK&STRCT <Exempt>	PROCURE RAIL VACUUM EQUIPMENT FOR MNR RIGHT-OF-WAY: PURCHASE OF TWO RAIL VACUUM VEHICLES TO AID IN DISASTER RECOVERY EFFORTS/MITIGATION REQUIRED ALONG METRO-NORTH'S RIGHT-OF-WAY		FTA 5324 01/2016 LOCAL 01/2016	0.000 0.000	MISC MISC	6.000 1.500						
AQC:B2//C15	MULTI	**TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	0.000		7.500	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **E-M04-03-01** 4-COMM&SIG <Exempt>	POWER & SIGNAL MITIGATION BY ELEVATING POWER SUPPLY COMPONENTS, SECTIONALIZING SWITCHES,SNOWMELTERS & BOND BOXES; EXPLORE MAKING EQUIPMENT WATERTIGHT; RAISING CRITICAL SUBSTATION EQPT AT KEY LOCATIONS; & ELEVATE CENTRAL INSTRUMENT LOCATORS. D2013-RESL-023		FTA 5324 01/2016 MTA 01/2016	0.000 0.000	MISC MISC	61.703 10.567						
AQC:C15P	MULTI	**TPC:** $70-$130 M	**TOTAL 5YR COST :**	0.000		72.270	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **E-M04-03-02** 5-POWER <Exempt>	HUDSON LINE POWER AND SIGNAL RESILIENCY. PROJECT WILL CONSTRUCT & INSTALL CABLE & CABLE TRAY/TROUGH FOR THE PURPOSE OF CONVEYING RESILIENT POWER & COMMUNICATION & SIGNALS CABLES ALONG METRO-NORTH'S HUDSON LINE FROM MOTT HAVEN TO CROTON-HARMON.		FTA 5324 01/2016	0.000	MISC	31.000						
AQC:B6Z	MULTI	**TPC:** $26-$40 M	**TOTAL 5YR COST :**	0.000		31.000	0.000	0.000	0.000	0.000	0.000	0.000
NYSTA **H03431** R&P <Exempt>	CONCRETE PAVEMENT REPAIR AND SEAL JOINTS (MP NE 0.17 TO NE 14.1): I-95 PAVEMENT REPAIRS DUE TO EXCESSIVE WEAR. BRONX & WESTCHESTER COUNTIES.		TWY 01/2018 TWY 02/2020 TWY 02/2020	2.000 3.600 60.000	DETLDES CONINSP CONST			2.000		3.600 60.000		
AQC:A10P	MULTI	**TPC:** $50-$85 M	**TOTAL 5YR COST :**	65.600		0.000	0.000	2.000	0.000	63.600	0.000	0.000
NYSBA **M0004** BRIDGE <Exempt>	MID-HUDSON BUILDIING RENOVATIONS: ADMINISTRATION BUILDING ROOF, HVAC, WINDOWS, DOORS HEADQUARTERS - HVAC REPLACEMENT		OTHER 01/2016	0.000	MISC	0.500						
AQC:C14P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.500	0.000	0.000	0.000	0.000	0.000	0.000

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NYSBA **M0006** BRIDGE <Exempt>	MID-HUDSON BRIDGE MAIN CABLE INSPECTION. DUTCHESS AND ULSTER COUNTIES		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017	0.000 0.000 1.850 0.500	CONST MISC CONST MISC	0.150 0.525	1.850 0.500					
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.350		0.675	2.350	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M604-01-01** 4-COMM&SIG <Exempt>	SIGNAL SYSTEM IMPROVEMENTS -STUDY/DESIGN FOR SIGNAL IMPROVEMENTS AND REPLACE OUTDATED SIGNALS ON MAINLINE TRACKS TO PREVENT TRAIN -TO-TRAIN COLLISIONS, OVERSPEED DERAILMENTS, INCURSIONS INTO WORK ZONE LIMITS, AND MOVEMENTS OF A TRAIN THROUGH A SWITCHES.		MTA 01/2016	0.000	MISC	58.910						
AQC:B6P	MULTI	**TPC:** $175-$385 M	**TOTAL 5YR COST :**	0.000		58.910	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M604-01-02** 4-COMM&SIG <Exempt>	UPGRADE THE PORT JERVIS LINE SIGNAL SYSTEM TO BRING WITHIN A STATE OF GOOD REPAIR IN CONJUNCTION WITH THE POSITIVE TRAIN CONTROL SYSTEM (PTC) PROJECT		MTA 01/2016	0.000	MISC	5.500						
AQC:B6P	MULTI	**TPC:** $70-$130 M	**TOTAL 5YR COST :**	0.000		5.500	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M702-02-03** 2-STATIONS <Exempt>	UPPER HUDSON STATION IMPROVEMENTS – PRIORITY REPAIRS AT THE FOLLOWING STATIONS: POUGHKEEPSIE, NEW HAMBURG, BEACON, COLD SPRING, GARRISON AND CORTLANDT TO BRING TO A STATE OF GOOD REPAIR.		MTA 01/2016 FTA 5337 01/2017 **MTA** 01/2017	0.000 4.000 11.000	MISC MISC MISC	2.500	4.000 11.000					
AQC:B8Z	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	15.000		2.500	15.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M702-02-05** 2-STATIONS <Exempt>	WEST OF HUDSON STATION IMPROVEMENTS -SELECT REPAIRS AT THE FOLLOWING STATIONS: SPRING VALLEY ON THE PASCACK VALLEY LINE AND HARRIMAN AND MIDDLETOWN ON THE PORT JERVIS LINE TO BRING TO A STATE OF GOOD REPAIR.		**MTA** 01/2017 MTA 01/2018	0.300 1.200	MISC MISC		0.300	1.200				
AQC:B8Z	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	1.500		0.000	0.300	1.200	0.000	0.000	0.000	0.000
NYSBA **N0005** BRIDGE <Exempt>	I-84/ROUTE 9W OVERPASS REHABILITATION PROJECT: DECK REPLACEMENT IN KIND AND RAISING THE FLOOR SYSTEM FOR VERTICAL CLEARANCE.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018	0.000 4.500 4.500	MISC CONST CONST	0.450	4.500	4.500				
AQC:A19Z	MULTI	**TPC:** $7.5-$12 M	**TOTAL 5YR COST :**	9.000		0.450	4.500	4.500	0.000	0.000	0.000	0.000

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NYSBA **N0006** BRIDGE <Exempt>	NEWBURGH-BEACON BRIDGE EB & WB APPROACH PAVING: APPROACH HIGHWAY RESURFACING I-84, MAINTENANCE JURISDICITION BETWEEN EAST APPROACH RTE 9D A & WEST APPROACH RTE 9W. DUTCHESS AND ORANGE COUNTIES		OTHER 02/2018	2.000	CONST			2.000				
AQC:A19P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	2.000		0.000	0.000	2.000	0.000	0.000	0.000	0.000
NYSBA **S0001** BRIDGE <Exempt>	BIENNIAL BRIDGE INSPECTION - GENERAL CONSULTANT: DETAILED INSPECTION OF APPROACHES, STRUCTURES, AND DECKS WITH HANDS ON INSPECTION OF ALL FRACTURE CRITICAL MEMBERS TO MAINTAIN STATE OF GOOD REPAIR. ODD YEAR: KRB & NBB(S) EVEN YEAR: RVWB, MHB AND BMB		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2018 OTHER 03/2019 OTHER 03/2019 OTHER 03/2020 OTHER 03/2020	0.000 0.000 0.460 0.090 0.475 0.090 0.500 0.090 0.525 0.090	CONINSP MISC CONINSP MISC CONINSP MISC CONINSP MISC CONINSP MISC	0.445 0.085	0.460 0.090	0.475 0.090	0.500 0.090	0.525 0.090		
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.320		0.530	0.550	0.565	0.590	0.615	0.000	0.000
NYSBA **S0002** BRIDGE <Exempt>	PERIODIC UNDERWATER BRIDGE INSPECTIONS: DIVER AND, VIDEO TAPE INSPECTIONS OF ALL AUTHORITY IN WATER PIERS BELOW THE WATER SURFACE TO INCLUDE ANALYSIS & RECOMMENDATIONS BY PROFESSIONAL ENGINEERS, 5 YR CYCLE TO MAINTAIN STATE OF GOOD REPAIR		**OTHER** 03/2017	0.150	CONINSP		0.150					
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.150		0.000	0.150	0.000	0.000	0.000	0.000	0.000
NYSBA **S0003** BRIDGE <Exempt>	SYSTEMWIDE MISCELLANEOUS MAINTENANCE: POTHOLE REPAIRS, SPOT RESURFACING, GUIDE RAIL REPLACEMENT AND REPAIR, DRAINAGE AND SHOULDER UPGRADES WHERE AND WHEN NEEDED TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2018 OTHER 03/2019 OTHER 03/2019 OTHER 03/2020 OTHER 03/2020	0.000 0.000 1.000 0.250 1.000 0.250 1.000 0.250 1.000 0.250	CONST DETLDES CONST DETLDES CONST DETLDES CONST DETLDES CONST DETLDES	1.000 0.250	1.000 0.250	1.000 0.250	1.000 0.250	1.000 0.250		
AQC:A19P	MULTI	**TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	5.000		1.250	1.250	1.250	1.250	1.250	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **S0004** BRIDGE <Exempt>	CAPITAL MAINTENANCE PROJECTS: STANDBY READINESS CONTRACT FOR URGENT BRIDGE AND HIGHWAY REPAIRS. VARIOUS COUNTIES		OTHER 03/2016 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.250 0.250 0.250 0.250	CONST CONST CONST CONST CONST	0.250	0.250	0.250	0.250	0.250		
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.250	0.250	0.250	0.250	0.250	0.000	0.000
NYSBA **S0007** BRIDGE <Exempt>	SYSTEMWIDE - EQUIPMENT PURCHASES-AQUISITION OF MAJOR EXTRAORDINARY VEHICLES AND EQUIPMENT NECESSARY TO OPERATE AND MAINTAIN THE BRIDGE SYSTEM. VARIOUS LOCATIONS		OTHER 03/2016 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.500 0.500 0.500 0.500	MISC MISC MISC MISC MISC	0.500	0.500	0.500	0.500	0.500		
AQC:B4P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.000		0.500	0.500	0.500	0.500	0.500	0.000	0.000
NYSBA **SA-0001** BRIDGE <Exempt>	SYSTEMWIDE - EQUIPMENT PURCHASES, ADMINISTRATION: OPERATING FUND EQUIPMENT PURCHASES (FURNITURE, ETC.)TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.020 0.020 0.020 0.020	MISC MISC MISC MISC MISC	0.055	0.020	0.020	0.020	0.020		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.080		0.055	0.020	0.020	0.020	0.020	0.000	0.000
NYSBA **SA-0002** BRIDGE <Exempt>	SYSTEMWIDE - BUSINESS APPLICATION ENHANCEMENT: 1) DOCUMENT IMAGING & WORK FLOW; AND 2) BUSINESS APPLICATION ENHANCEMENT UPGRADE. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.025 0.025 0.025 0.025	MISC MISC MISC MISC MISC	0.035	0.025	0.025	0.025	0.025		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.100		0.035	0.025	0.025	0.025	0.025	0.000	0.000
NYSBA **SI-0002** BRIDGE <Exempt>	SYSTEMWIDE -PC UPGRADE (SYSTEM HARDWARE), ENHANCEMENTS TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.035 0.012 0.025 0.035	MISC MISC MISC MISC MISC	0.025	0.035	0.012	0.025	0.035		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.107		0.025	0.035	0.012	0.025	0.035	0.000	0.000
NYSBA **SI-0003** BRIDGE <Exempt>	MID-HUDSON-NECKLACE LIGHTS UPGRADES. UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.005	0.005	0.005	0.005	0.005		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.005	0.005	0.005	0.005	0.005	0.000	0.000

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						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SI-0005** BRIDGE <Exempt>	SYSTEMWIDE - ID CARD SYSTEM UPGRADES. UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.015	0.015	0.015	0.015	0.015		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.015	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SI-0010** BRIDGE <Exempt>	SYSTEMWIDE -ITS COMPONENTS UPGRADES: EQUIPMENT PURCHASES OF MULTIPLEXER, MODEMS, AND CABINETS. TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.015	0.015	0.015	0.015	0.015		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.015	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SI-0013** BRIDGE <Exempt>	IT UPGRADES: ELECTRONIC DATA PROCESSING (EDP) UPGRADE-WINDOWS FILE SERVER AND WEB FILTER. SYSTEM ENHANCEMENTS TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.032 0.032 0.048 0.056	MISC MISC MISC MISC MISC	0.056	0.032	0.032	0.048	0.056		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.168		0.056	0.032	0.032	0.048	0.056	0.000	0.000
NYSBA **SI-0015** BRIDGE <Exempt>	ITS UPGRADES-DATA CABLING UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.035 0.035 0.035 0.035	MISC MISC MISC MISC MISC	0.035	0.035	0.035	0.035	0.035		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.140		0.035	0.035	0.035	0.035	0.035	0.000	0.000
NYSBA **SO-0004** BRIDGE <Exempt>	SYSTEMWIDE TOLL SYSTEM UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. WORK INCLUDES REPLACE TOLL GATES & MONITORS. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.100 0.100 0.100 0.100	MISC MISC MISC MISC MISC	0.100	0.100	0.100	0.100	0.100		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.400		0.100	0.100	0.100	0.100	0.100	0.000	0.000
NYSBA **SO-0006** BRIDGE <Exempt>	MID-HUDSON-COMMAND CENTER & ITS EQUIPMENT UPGRADE-TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.200 0.400 0.200 0.200	MISC MISC MISC MISC MISC	0.200	0.200	0.400	0.200	0.200		
AQC:B4P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.200	0.200	0.400	0.200	0.200	0.000	0.000

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NYSBA **SO-0007** BRIDGE <Exempt>	LANE USE SIGNALS (LUS), MISCELLANEOUS ITS COMPONENTS REPLACEMENT TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2018 OTHER 01/2020	0.000 0.025 0.025 0.025 0.025	MISC MISC MISC MISC MISC	0.025	0.025	0.025 0.025		0.025		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.100		0.025	0.025	0.050	0.000	0.025	0.000	0.000
NYSBA **SO-0008** BRIDGE <Exempt>	SYSTEMWIDE PLAZA & CENTRAL SERVER UPGRADES- TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS LOCATIONS		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.100	0.015	0.015	0.015	0.015		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.100	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SO-0009** BRIDGE <Exempt>	SYSTEMWIDE SECURITY GATES: INSTALLATION OF SECURITY GATES FOR FACILITIES PROPERTY AREAS. VARIOUS COUNTIES.		OTHER 01/2016	0.000	MISC	0.010						
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.010	0.000	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0011** BRIDGE <Exempt>	IT UPGRADES: UPS (UN-INTERRUPTABLE POWER SYSTEM) SYSTEMWIDE MAINTENANCE & BATTERIES - MAIN UPS BATTERY REPLACEMENT TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.010 0.010 0.010	MISC MISC MISC MISC MISC	0.075	0.015	0.010	0.010	0.010		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.045		0.075	0.015	0.010	0.010	0.010	0.000	0.000
NYSBA **SO-0012** BRIDGE <Exempt>	ANNUAL MAINTENANCE: SUICIDE CALL BOXES REPLACEMENT & UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.100	0.005	0.005	0.005	0.005		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.100	0.005	0.005	0.005	0.005	0.000	0.000
NYSBA **SO-0017** BRIDGE <Exempt>	PHONE SYSTEM UPGRADE: 2016- RIP VAN WINKLE, 2016 - KINGSTON RHINECLIFF, 2017 - NEWBURGH-BEACON TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017	0.000 0.200	MISC MISC	0.100	0.200					
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.200		0.100	0.200	0.000	0.000	0.000	0.000	0.000

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					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SO-0030** BRIDGE <Exempt>	SYSTEMWIDE SECURITY SYSTEMS CAMERAS REPLACEMENT: REPLACEMENT/UPGRADES OF CAMERAS FOR FACILITIES, TOLL PLAZAS, AND ADJACENT PROPERTY AREAS AS NEEDED. VARIOUS COUNTIES.	OTHER 01/2016 **OTHER** 01/2017	0.000 2.000	MISC MISC	1.000	2.000					
AQC:A7Z	MULTI **TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.000		1.000	2.000	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0031** BRIDGE <Exempt>	SYSTEMWIDE SECURITY FENCING: INSTALLATION OF SECURITY FENCING FOR FACILITIES PROPERTY AREAS, VARIOUS COUNTIES.	**OTHER** 01/2017	1.000	MISC		1.000					
AQC:C13P	MULTI **TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.000	1.000	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0033** BRIDGE <Exempt>	SYSTEMWIDE - GASBOY FUEL DISPENSING UPGRADE. UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES	OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.005	0.005	0.005	0.005	0.005		
AQC:A7Z	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.005	0.005	0.005	0.005	0.005	0.000	0.000
NYSBA **SO-0034** BRIDGE <Exempt>	SYSTEMWIDE CAMERA REPLACEMENTS. REPLACEMENT OF CAMERAS THAT HAVE REACHED THEIR USEFUL LIFE. VARIOUS LOCATIONS.	OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.100 0.100 0.100 0.100	MISC MISC MISC MISC MISC	0.100	0.100	0.100	0.100	0.100		
AQC:A7Z	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.400		0.100	0.100	0.100	0.100	0.100	0.000	0.000
NYSBA **W0001** BRIDGE <Exempt>	WALKWAY-OVER-THE-HUDSON BRIDGE INSPECTION: DETAILED INSPECTION OF THE BRIDGE STRUCTURE WITH HANDS ON INSPECTION OF ALL FRACTURE CRITICAL MEMBERS TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES	OTHER 03/2016 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.025 0.025 0.025 0.400	CONINSP CONINSP CONINSP CONINSP CONINSP	0.025	0.025	0.025	0.025	0.400		
AQC:A19P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.475		0.025	0.025	0.025	0.025	0.400	0.000	0.000
NYSBA **W0007** BRIDGE <Exempt>	WALKWAY-OVER-THE-HUDSON RIVER PIER BASE REPAIRS: RECONSTRUCT CONCRETE PIER BASE UNITS. RIVER PIER RE-POINTING TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES	OTHER 01/2018	0.300	CONST			0.300				
AQC:A19P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.300		0.000	0.000	0.300	0.000	0.000	0.000	0.000

APPENDIX K
(MTA/Metro-North Railroad & NYSBA Project Listings)

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: Metro-North Railroad Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
METRO-NORTH **882315** MOBIL <Exempt>	NEWBURGH-BEACON FERRY SERVICE INCLUDING PARKING , LEASING OF THE VESSEL, AND DOCK IMPROVEMENTS.		NHPP 10/2015	0.000	OPER	0.750						
			MTA 10/2015	0.000	OPER	0.188						
			NHPP 10/2016	0.750	OPER		0.750					
			MTA 10/2016	0.188	OPER		0.188					
			NHPP 10/2017	0.750	OPER			0.750				
			MTA 10/2017	0.188	OPER			0.188				
			NHPP 10/2018	0.750	OPER				0.750			
			MTA 10/2018	0.188	OPER				0.188			
			NHPP 10/2019	0.750	OPER					0.750		
			MTA 10/2019	0.188	OPER					0.188		
			NHPP 10/2020	0.750	OPER						0.750	
			MTA 10/2020	0.188	OPER						0.188	
AQC:B1P	MULTI	**TPC:** $4.6-$7.5 M	**TOTAL 5YR COST :**	4.690		0.938	0.938	0.938	0.938	0.938	0.938	0.000
METRO-NORTH **E-M03-03-01** 3-TRK&STRCT <Exempt>	PROCURE RAIL VACUUM EQUIPMENT FOR MNR RIGHT-OF-WAY: PURCHASE OF TWO RAIL VACUUM VEHICLES TO AID IN DISASTER RECOVERY EFFORTS/MITIGATION REQUIRED ALONG METRO-NORTH'S RIGHT-OF-WAY		FTA 5324 01/2016	0.000	MISC	6.000						
			LOCAL 01/2016	0.000	MISC	1.500						
AQC:B2//C15	MULTI	**TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	0.000		7.500	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **E-M04-03-01** 4-COMM&SIG <Exempt>	POWER & SIGNAL MITIGATION BY ELEVATING POWER SUPPLY COMPONENTS, SECTIONALIZING SWITCHES,SNOWMELTERS & BOND BOXES; EXPLORE MAKING EQUIPMENT WATERTIGHT; RAISING CRITICAL SUBSTATION EQPT AT KEY LOCATIONS; & ELEVATE CENTRAL INSTRUMENT LOCATORS. D2013-RESL-023		FTA 5324 01/2016	0.000	MISC	61.703						
			MTA 01/2016	0.000	MISC	10.567						
AQC:C15P	MULTI	**TPC:** $70-$130 M	**TOTAL 5YR COST :**	0.000		72.270	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M604-01-01** 4-COMM&SIG <Exempt>	SIGNAL SYSTEM IMPROVEMENTS -STUDY/DESIGN FOR SIGNAL IMPROVEMENTS AND REPLACE OUTDATED SIGNALS ON MAINLINE TRACKS TO PREVENT TRAIN -TO-TRAIN COLLISIONS, OVERSPEED DERAILMENTS, INCURSIONS INTO WORK ZONE LIMITS, AND MOVEMENTS OF A TRAIN THROUGH A SWITCHES.		MTA 01/2016	0.000	MISC	58.910						
AQC:B6P	MULTI	**TPC:** $175-$385 M	**TOTAL 5YR COST :**	0.000		58.910	0.000	0.000	0.000	0.000	0.000	0.000
METRO-NORTH **M702-02-03** 2-STATIONS <Exempt>	UPPER HUDSON STATION IMPROVEMENTS – PRIORITY REPAIRS AT THE FOLLOWING STATIONS: POUGHKEEPSIE, NEW HAMBURG, BEACON, COLD SPRING, GARRISON AND CORTLANDT TO BRING TO A STATE OF GOOD REPAIR.		MTA 01/2016	0.000	MISC	2.500						
			FTA 5337 01/2017	4.000	MISC		4.000					
			MTA 01/2017	11.000	MISC		11.000					
AQC:B8Z	MULTI	**TPC:** $15-$25 M	**TOTAL 5YR COST :**	15.000		2.500	15.000	0.000	0.000	0.000	0.000	0.000

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **M0004** BRIDGE <Exempt>	MID-HUDSON BUILDIING RENOVATIONS: ADMINISTRATION BUILDING ROOF, HVAC, WINDOWS, DOORS HEADQUARTERS - HVAC REPLACEMENT		OTHER 01/2016	0.000	MISC	0.500						
AQC:C14P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.500	0.000	0.000	0.000	0.000	0.000	0.000
NYSBA **M0006** BRIDGE <Exempt>	MID-HUDSON BRIDGE MAIN CABLE INSPECTION. DUTCHESS AND ULSTER COUNTIES		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017	0.000 0.000 1.850 0.500	CONST MISC CONST MISC	0.150 0.525	 1.850 0.500					
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.350		0.675	2.350	0.000	0.000	0.000	0.000	0.000
NYSBA **N0005** BRIDGE <Exempt>	I-84/ROUTE 9W OVERPASS REHABILITATION PROJECT: DECK REPLACEMENT IN KIND AND RAISING THE FLOOR SYSTEM FOR VERTICAL CLEARANCE.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018	0.000 4.500 4.500	MISC CONST CONST	0.450	 4.500	 4.500				
AQC:A19Z	MULTI	**TPC:** $7.5-$12 M	**TOTAL 5YR COST :**	9.000		0.450	4.500	4.500	0.000	0.000	0.000	0.000
NYSBA **N0006** BRIDGE <Exempt>	NEWBURGH-BEACON BRIDGE EB & WB APPROACH PAVING: APPROACH HIGHWAY RESURFACING I-84, MAINTENANCE JURISDICITION BETWEEN EAST APPROACH RTE 9D A & WEST APPROACH RTE 9W. DUTCHESS AND ORANGE COUNTIES		OTHER 02/2018	2.000	CONST			2.000				
AQC:A19P	MULTI	**TPC:** $1.2-$2.5 M	**TOTAL 5YR COST :**	2.000		0.000	0.000	2.000	0.000	0.000	0.000	0.000
NYSBA **S0001** BRIDGE <Exempt>	BIENNIAL BRIDGE INSPECTION - GENERAL CONSULTANT: DETAILED INSPECTION OF APPROACHES, STRUCTURES, AND DECKS WITH HANDS ON INSPECTION OF ALL FRACTURE CRITICAL MEMBERS TO MAINTAIN STATE OF GOOD REPAIR. ODD YEAR: KRB & NBB(S) EVEN YEAR: RVWB, MHB AND BMB		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2018 OTHER 03/2019 OTHER 03/2019 OTHER 03/2020 OTHER 03/2020	0.000 0.000 0.460 0.090 0.475 0.090 0.500 0.090 0.525 0.090	CONINSP MISC CONINSP MISC CONINSP MISC CONINSP MISC CONINSP MISC	0.445 0.085	 0.460 0.090	 0.475 0.090	 0.500 0.090	 0.525 0.090		
AQC:A19P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.320		0.530	0.550	0.565	0.590	0.615	0.000	0.000

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **S0002** BRIDGE <Exempt>	PERIODIC UNDERWATER BRIDGE INSPECTIONS: DIVER AND, VIDEO TAPE INSPECTIONS OF ALL AUTHORITY IN WATER PIERS BELOW THE WATER SURFACE TO INCLUDE ANALYSIS & RECOMMENDATIONS BY PROFESSIONAL ENGINEERS, 5 YR CYCLE TO MAINTAIN STATE OF GOOD REPAIR		**OTHER** 03/2017	0.150	CONINSP		0.150					
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.150		0.000	0.150	0.000	0.000	0.000	0.000	0.000
NYSBA **S0003** BRIDGE <Exempt>	SYSTEMWIDE MISCELLANEOUS MAINTENANCE: POTHOLE REPAIRS, SPOT RESURFACING, GUIDE RAIL REPLACEMENT AND REPAIR, DRAINAGE AND SHOULDER UPGRADES WHERE AND WHEN NEEDED TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 03/2016 OTHER 03/2016 **OTHER** 03/2017 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2018 OTHER 03/2019 OTHER 03/2019 OTHER 03/2020 OTHER 03/2020	0.000 0.000 1.000 0.250 1.000 0.250 1.000 0.250 1.000 0.250	CONST DETLDES CONST DETLDES CONST DETLDES CONST DETLDES CONST DETLDES	1.000 0.250	1.000 0.250	1.000 0.250	1.000 0.250	1.000 0.250		
AQC:A19P	MULTI	**TPC:** $6-$9.4 M	**TOTAL 5YR COST :**	5.000		1.250	1.250	1.250	1.250	1.250	0.000	0.000
NYSBA **S0004** BRIDGE <Exempt>	CAPITAL MAINTENANCE PROJECTS: STANDBY READINESS CONTRACT FOR URGENT BRIDGE AND HIGHWAY REPAIRS. VARIOUS COUNTIES		OTHER 03/2016 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.250 0.250 0.250 0.250	CONST CONST CONST CONST CONST	0.250	0.250	0.250	0.250	0.250		
AQC:A19P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.250	0.250	0.250	0.250	0.250	0.000	0.000
NYSBA **S0007** BRIDGE <Exempt>	SYSTEMWIDE - EQUIPMENT PURCHASES-AQUISITION OF MAJOR EXTRAORDINARY VEHICLES AND EQUIPMENT NECESSARY TO OPERATE AND MAINTAIN THE BRIDGE SYSTEM. VARIOUS LOCATIONS		OTHER 03/2016 **OTHER** 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.500 0.500 0.500 0.500	MISC MISC MISC MISC MISC	0.500	0.500	0.500	0.500	0.500		
AQC:B4P	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.000		0.500	0.500	0.500	0.500	0.500	0.000	0.000
NYSBA **SA-0001** BRIDGE <Exempt>	SYSTEMWIDE - EQUIPMENT PURCHASES, ADMINISTRATION: OPERATING FUND EQUIPMENT PURCHASES (FURNITURE, ETC.)TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.020 0.020 0.020 0.020	MISC MISC MISC MISC MISC	0.055	0.020	0.020	0.020	0.020		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.080		0.055	0.020	0.020	0.020	0.020	0.000	0.000

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Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
						PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SA-0002** BRIDGE <Exempt>	SYSTEMWIDE - BUSINESS APPLICATION ENHANCEMENT: 1) DOCUMENT IMAGING & WORK FLOW; AND 2) BUSINESS APPLICATION ENHANCEMENT UPGRADE. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.025 0.025 0.025 0.025	MISC MISC MISC MISC MISC	0.035	0.025	0.025	0.025	0.025		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.100		0.035	0.025	0.025	0.025	0.025	0.000	0.000
NYSBA **SI-0002** BRIDGE <Exempt>	SYSTEMWIDE -PC UPGRADE (SYSTEM HARDWARE), ENHANCEMENTS TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.035 0.012 0.025 0.035	MISC MISC MISC MISC MISC	0.025	0.035	0.012	0.025	0.035		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.107		0.025	0.035	0.012	0.025	0.035	0.000	0.000
NYSBA **SI-0003** BRIDGE <Exempt>	MID-HUDSON-NECKLACE LIGHTS UPGRADES. UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.005	0.005	0.005	0.005	0.005		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.005	0.005	0.005	0.005	0.005	0.000	0.000
NYSBA **SI-0005** BRIDGE <Exempt>	SYSTEMWIDE - ID CARD SYSTEM UPGRADES. UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.015	0.015	0.015	0.015	0.015		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.015	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SI-0010** BRIDGE <Exempt>	SYSTEMWIDE -ITS COMPONENTS UPGRADES: EQUIPMENT PURCHASES OF MULTIPLEXER, MODEMS, AND CABINETS. TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.015	0.015	0.015	0.015	0.015		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.015	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SI-0013** BRIDGE <Exempt>	IT UPGRADES: ELECTRONIC DATA PROCESSING (EDP) UPGRADE-WINDOWS FILE SERVER AND WEB FILTER. SYSTEM ENHANCEMENTS TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.032 0.032 0.048 0.056	MISC MISC MISC MISC MISC	0.056	0.032	0.032	0.048	0.056		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.168		0.056	0.032	0.032	0.048	0.056	0.000	0.000

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SI-0015** BRIDGE <Exempt>	ITS UPGRADES-DATA CABLING UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.035 0.035 0.035 0.035	MISC MISC MISC MISC MISC	0.035	0.035	0.035	0.035	0.035		
AQC:A7P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.140		0.035	0.035	0.035	0.035	0.035	0.000	0.000
NYSBA **SO-0004** BRIDGE <Exempt>	SYSTEMWIDE TOLL SYSTEM UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. WORK INCLUDES REPLACE TOLL GATES & MONITORS. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.100 0.100 0.100 0.100	MISC MISC MISC MISC MISC	0.100	0.100	0.100	0.100	0.100		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.400		0.100	0.100	0.100	0.100	0.100	0.000	0.000
NYSBA **SO-0006** BRIDGE <Exempt>	MID-HUDSON-COMMAND CENTER & ITS EQUIPMENT UPGRADE-TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.200 0.400 0.200 0.200	MISC MISC MISC MISC MISC	0.200	0.200	0.400	0.200	0.200		
AQC:B4P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.200	0.200	0.400	0.200	0.200	0.000	0.000
NYSBA **SO-0007** BRIDGE <Exempt>	LANE USE SIGNALS (LUS), MISCELLANEOUS ITS COMPONENTS REPLACEMENT TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2018 OTHER 01/2020	0.000 0.025 0.025 0.025 0.025	MISC MISC MISC MISC MISC	0.025	0.025	0.025 0.025		0.025		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.100		0.025	0.025	0.050	0.000	0.025	0.000	0.000
NYSBA **SO-0008** BRIDGE <Exempt>	SYSTEMWIDE PLAZA & CENTRAL SERVER UPGRADES- TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS LOCATIONS		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.015 0.015 0.015	MISC MISC MISC MISC MISC	0.100	0.015	0.015	0.015	0.015		
AQC:B4P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.060		0.100	0.015	0.015	0.015	0.015	0.000	0.000
NYSBA **SO-0009** BRIDGE <Exempt>	SYSTEMWIDE SECURITY GATES: INSTALLATION OF SECURITY GATES FOR FACILITIES PROPERTY AREAS. VARIOUS COUNTIES.		OTHER 01/2016	0.000	MISC	0.010						
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.000		0.010	0.000	0.000	0.000	0.000	0.000	0.000

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY	TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016: PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SO-0011** BRIDGE <Exempt>	IT UPGRADES: UPS (UN-INTERRUPTABLE POWER SYSTEM) SYSTEMWIDE MAINTENANCE & BATTERIES - MAIN UPS BATTERY REPLACEMENT TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.015 0.010 0.010 0.010	MISC MISC MISC MISC MISC	0.075	0.015	0.010	0.010	0.010		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.045		0.075	0.015	0.010	0.010	0.010	0.000	0.000
NYSBA **SO-0012** BRIDGE <Exempt>	ANNUAL MAINTENANCE: SUICIDE CALL BOXES REPLACEMENT & UPGRADE TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.100	0.005	0.005	0.005	0.005		
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.100	0.005	0.005	0.005	0.005	0.000	0.000
NYSBA **SO-0017** BRIDGE <Exempt>	PHONE SYSTEM UPGRADE: 2016- RIP VAN WINKLE, 2016 - KINGSTON RHINECLIFF, 2017 - NEWBURGH-BEACON TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017	0.000 0.200	MISC MISC	0.100	0.200					
AQC:A19P	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.200		0.100	0.200	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0030** BRIDGE <Exempt>	SYSTEMWIDE SECURITY SYSTEMS CAMERAS REPLACEMENT: REPLACEMENT/UPGRADES OF CAMERAS FOR FACILITIES, TOLL PLAZAS, AND ADJACENT PROPERTY AREAS AS NEEDED. VARIOUS COUNTIES.		OTHER 01/2016 **OTHER** 01/2017	0.000 2.000	MISC MISC	1.000	2.000					
AQC:A7Z	MULTI	**TPC:** $2-$4 M	**TOTAL 5YR COST :**	2.000		1.000	2.000	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0031** BRIDGE <Exempt>	SYSTEMWIDE SECURITY FENCING: INSTALLATION OF SECURITY FENCING FOR FACILITIES PROPERTY AREAS, VARIOUS COUNTIES.		**OTHER** 01/2017	1.000	MISC		1.000					
AQC:C13P	MULTI	**TPC:** $0.6-$1.5 M	**TOTAL 5YR COST :**	1.000		0.000	1.000	0.000	0.000	0.000	0.000	0.000
NYSBA **SO-0033** BRIDGE <Exempt>	SYSTEMWIDE - GASBOY FUEL DISPENSING UPGRADE. UPGRADES TO MAINTAIN STATE OF GOOD REPAIR. VARIOUS COUNTIES		OTHER 01/2016 **OTHER** 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.005 0.005 0.005 0.005	MISC MISC MISC MISC MISC	0.005	0.005	0.005	0.005	0.005		
AQC:A7Z	MULTI	**TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.020		0.005	0.005	0.005	0.005	0.005	0.000	0.000

TIP Format Report for Selected Projects on Draft Program

Draft FFY 2017-2021 TIP: NYSBA Projects

AGENCY PIN WORKTYPE <AQ STATUS> / AQ CODE	PROJECT DESCRIPTION / COUNTY / TOTAL PROJECT COST	FUND SOURCES & OBLIGATION DATE	TOTAL 5-YEAR PROGRAM in millions of dollars	PHASE	5-YEAR PROGRAM (FFY) Starting October 01, 2016						
					PRE FFY 2017	FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	POST FFY 2021
NYSBA **SO-0034** BRIDGE <Exempt>	SYSTEMWIDE CAMERA REPLACEMENTS. REPLACEMENT OF CAMERAS THAT HAVE REACHED THEIR USEFUL LIFE. VARIOUS LOCATIONS.	OTHER 01/2016 OTHER 01/2017 OTHER 01/2018 OTHER 01/2019 OTHER 01/2020	0.000 0.100 0.100 0.100 0.100	MISC MISC MISC MISC MISC	0.100	0.100	0.100	0.100	0.100		
AQC:A7Z	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.400		0.100	0.100	0.100	0.100	0.100	0.000	0.000
NYSBA **W0001** BRIDGE <Exempt>	WALKWAY-OVER-THE-HUDSON BRIDGE INSPECTION: DETAILED INSPECTION OF THE BRIDGE STRUCTURE WITH HANDS ON INSPECTION OF ALL FRACTURE CRITICAL MEMBERS TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES	OTHER 03/2016 OTHER 03/2017 OTHER 03/2018 OTHER 03/2019 OTHER 03/2020	0.000 0.025 0.025 0.025 0.400	CONINSP CONINSP CONINSP CONINSP CONINSP	0.025	0.025	0.025	0.025	0.400		
AQC:A19P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.475		0.025	0.025	0.025	0.025	0.400	0.000	0.000
NYSBA **W0007** BRIDGE <Exempt>	WALKWAY-OVER-THE-HUDSON RIVER PIER BASE REPAIRS: RECONSTRUCT CONCRETE PIER BASE UNITS. RIVER PIER RE-POINTING TO MAINTAIN STATE OF GOOD REPAIR. DUTCHESS AND ULSTER COUNTIES	OTHER 01/2018	0.300	CONST			0.300				
AQC:A19P	MULTI **TPC:** < $0.75 M	**TOTAL 5YR COST :**	0.300		0.000	0.000	0.300	0.000	0.000	0.000	0.000