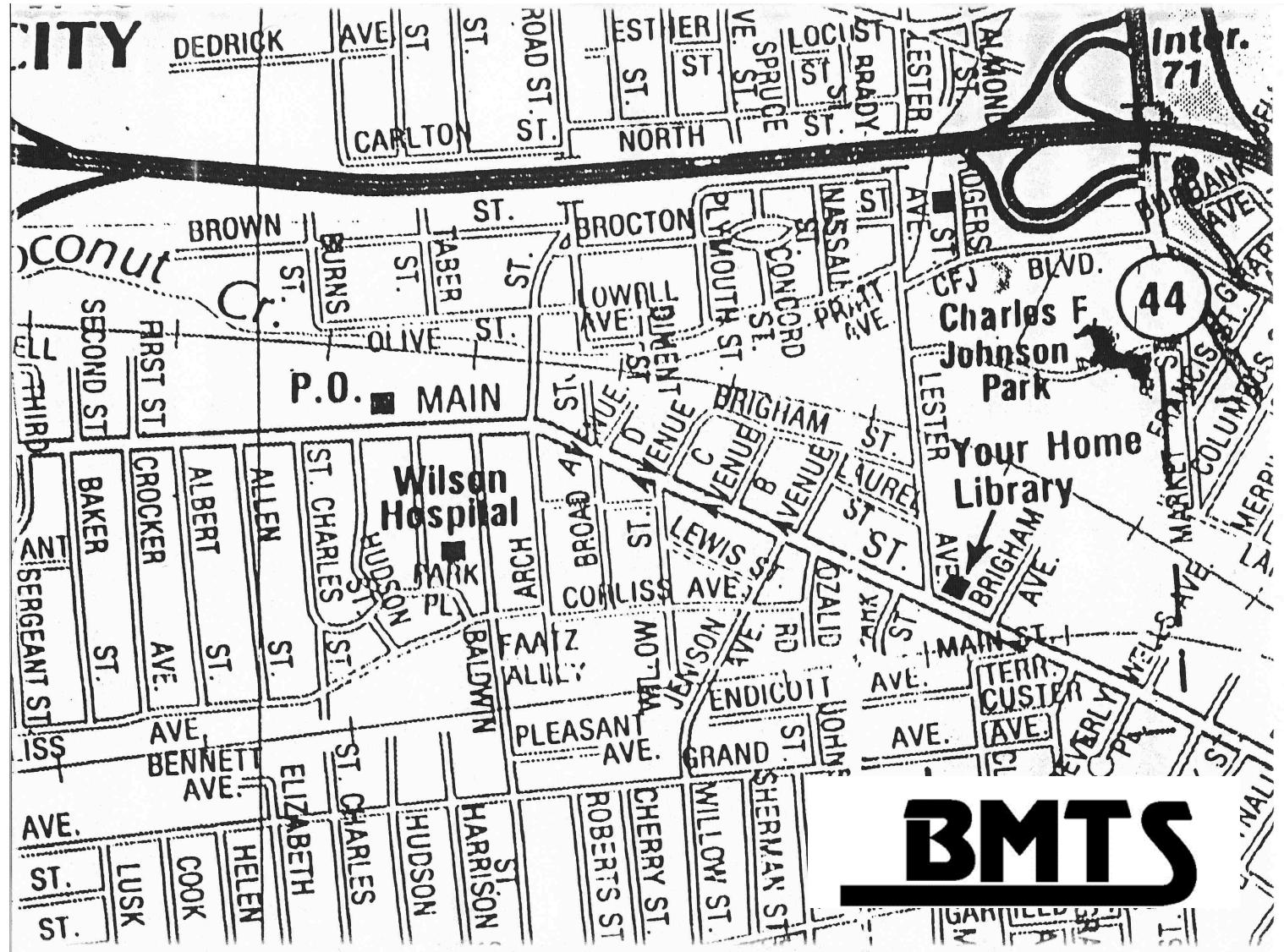


Binghamton Metropolitan Transportation Study

Transportation Improvement Program 2020-2024



**BINGHAMTON METROPOLITAN TRANSPORTATION STUDY
POLICY COMMITTEE
RESOLUTION 2019-06**

Resolution approving the 2020-2024 Binghamton Metropolitan Transportation Study Transportation Improvement Program.

WHEREAS the Binghamton Metropolitan Transportation Study Policy Committee has been designated by the Governor of the State of New York as the Metropolitan Planning Organization responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the Binghamton Urban Area, and

WHEREAS Federal regulations (23 CFR Chapter 1, Part 450, Subpart C, and 49 CFR Chapter VI, Part 613, Subpart B) require that the urban transportation planning process shall include development of a Transportation Improvement Program, a staged multi-year program of projects consistent with the Transportation Plan, and

WHEREAS the aforementioned Federal regulations require all projects within the Metropolitan Planning Area Boundary to be funded from the following Federal Aid sources to be included in the Transportation Improvement Program in order to remain eligible for such assistance: Federal Highway Administration: Surface Transportation Program, National Highway Performance and Highway Safety Improvement Program; and Federal Transit Act Section 5307, 5309, 5310, 5311, 5324, 5326, 5329, 5337 and 5339 grants; and

WHEREAS the BMTS Policy Committee approved on June 2, 2016 the 2017-2021 BMTS Transportation Improvement Program, and

WHEREAS the Transportation Improvement Program shall include an Annual or Biennial Element of projects proposed for implementation during the first and second program year, and

WHEREAS the Transportation Improvement Program shall be financially constrained and list projects in priority order and be consistent with the long range transportation plan, and

WHEREAS the projects included in the Transportation Improvement Program must be selected through an appropriate project selection procedure, and

WHEREAS there must be reasonable opportunity for public review and comment on the Draft TIP consistent with the adopted BMTS Participation Plan, and

WHEREAS the BMTS Policy Committee has created a Planning Committee of technical representatives to advise it on matters concerning the implementation of the urban transportation planning process, and a Transportation Improvement Program Subcommittee thereof to develop and monitor the TIP, and

WHEREAS a Draft 2020-2024 Transportation Improvement Program has been developed, that meets all requirements, and

WHEREAS the Draft 2020-2024 Transportation Improvement Program has been made available for public comment, and

WHEREAS the BMTS Planning Committee on June 6, 2019 unanimously recommended that the BMTS Policy Committee approve the BMTS 2020-2024 TIP,

NOW THEREFORE BE IT RESOLVED that the BMTS Policy Committee approves the 2020-2024 Transportation Improvement Program.

CERTIFICATION OF RESOLUTION 2019-06

I, the undersigned, duly elected Chair of the Binghamton Metropolitan Transportation Study Policy Committee, do hereby certify that the foregoing is a true and correct copy of BMTS Policy Committee Resolution 2019-06, adopted by consensus this 13th day of June, 2019.



Michael Marinaccio, Chair
BMTS Policy Committee



Date

INTRODUCTION

The Transportation Improvement Program (TIP) is a subset of the Greater Binghamton Long Range Transportation Plan (LRTP), *Looking Forward, 2040*. The TIP provides a short-term (five-year) work program that lists federally funded transportation projects, programs, and transportation services to be carried out within the metropolitan planning area. The TIP serves as a strategic management tool that accomplishes the objectives of the LRTP.

The TIP includes surface transportation projects involving highways and streets, public transportation, bicyclists, and pedestrians. Projects included in the TIP are consistent with elements of the LRTP. Additionally, the TIP is fiscally constrained by estimated future revenues.

As the federally designated Metropolitan Planning Organization (MPO) for the Binghamton metropolitan area, the Binghamton Metropolitan Transportation Study (BMTS) is responsible for developing the TIP in cooperation with the New York State Department of Transportation (NYSDOT) and BC Transit. BMTS is comprised of a Policy Committee with representatives from New York State and most units of local government within the metropolitan area, a Planning Committee providing technical oversight of plans and programs, and a Central Staff to perform transportation planning tasks.

TIP DEVELOPMENT PROCESS

Federal Regulations

Moving Ahead for Progress in the 21st Century, MAP – 21, was signed into law on July 6, 2012. It reauthorized the Federal surface transportation program through Federal fiscal year 2014. MAP-21 created a streamlined, performance-based surface transportation program. It builds on the pedestrian, bicycle and transit programs and policies that were established in 1991.

Fixing America's Surface Transportation Act was signed into law on December 4, 2015. Known as the FAST Act, it provides funding for surface transportation programs for federal fiscal years (FFY) 2016-17 through 2020-21. The FAST act maintains many of the provisions that were established in MAP-21 and includes requirements for the TIP development process including the following:

- Include any projects to be funded by federal transportation dollars received from the Federal Highway Administration or the Federal Transit Administration, as well as projects that are regionally significant. Only projects that are planning to obligate (meaning a jurisdiction has been approved to spend) funds within the next four years are required to be included in the TIP. If all funds have been obligated for a project, the project is not included in the TIP, even if it is not yet completed. Conversely, if a project has federal funding, but there is no plan to obligate those funds within the timeframe of this TIP, then the project is not included in the TIP;
- Ensure consistency between projects and programs in the TIP and the LRTP;
- Demonstrate that the projects included in the TIP can be implemented with reasonably available resources;

- Provide reasonable opportunity for public comment, including a formal public meeting and posting the document online; and
- Be developed at least every four years by the MPO in cooperation with the State and any affected public transportation operators.

Project Selection Process

Projects are selected by the BMTS Planning and Policy Committees through a competitive scoring and review process intended to ensure projects are prioritized consistent with goals of the LRTP and facility conditions. Candidate projects are screened for compliance with program requirements, and then scored. The ranked list of candidate projects is provided to the TIP Subcommittee (comprised of Planning Committee members), along with the estimate of available funds developed by NYSDOT for FHWA programs and FTA for transit programs, to determine which projects should be included in the TIP. The TIP Subcommittee is not constrained to follow the project rankings, but rather to use them as guidance in choosing projects for inclusion in the TIP. The Subcommittee considers issues of equity, geographic distribution, funding and project scheduling in making their final recommendation to the Planning and Policy Committees. Following opportunities for public input and a recommendation from the Planning Committee, the Policy Committee is responsible for approving the final TIP.

Public Participation Plan

The public involvement process for the TIP is consistent with BMTS' Public Participation Plan (PPP). Opportunities for public input occur at various points, including prior to action on the Draft TIP by the Planning Committee and prior to final action on the Draft TIP by the Policy Committee. BMTS relies on direct contact with stakeholders, public notices and use of the BMTS web site, as well as social medial, for contact with the public.

Title VI and Environmental Justice Considerations

Environmental Justice (EJ) is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. EJ has become a focus of transportation planning and investment policy because of Executive Order 12898. This executive order provides that "each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations."

As a federally funded agency BMTS is required to identify and address Title VI and environmental justice (EJ) implications of their planning processes and investment decisions. Specifically, BMTS undertakes the following:

- Integration of Title VI Concerns in the MPO Planning Process: The needs of minority neighborhoods are considered in developing of BMTS' long-range plans and short-term improvement programs, to address the equitable distribution of benefits and impacts to minority and non-minority areas.

- Female and Minority Representation on MPO Committees and Advisory Boards: The MPO takes steps to ensure that women, minorities, and persons with disabilities, both individually and through their organizations, are represented in the citizen participation effort, including membership on formal committees, boards, and advisory committees.
- Public Participation in the MPO Planning Process: BMTS provides opportunity for the public to provide legitimate input into the planning process. BMTS' Limited English Proficiency (LEP) Plan serves as a guide for central staff to identify reasonable procedures in providing language assistance during the transportation planning process.
- Compliance with the Americans with Disabilities Act of 1990: BMTS' planning process is fully accessible to individuals with disabilities by holding meetings in accessible locations and providing information in accessible formats. Accessibility is a primary goal of the LRTP and projects are often programmed on the TIP to reduce barriers to accessibility. Additionally, Central staff works with member agencies to support the development of ADA transition plans by identifying barriers to accessibility in the public right-of-way.

The BMTS Policy Committee is fully committed to ensuring that its transportation plans equitably serve the community. BMTS has prepared a separate EJ analysis for this TIP, which includes an analysis of projects in relation to EJ compliance and mapping to illustrate the relationship between the location of transportation investments and environmental justice areas.

PERFORMANCE MANAGEMENT

Pursuant to MAP-21 (and carried through into the FAST Act), MPOs must employ a transportation performance management approach in carrying out their federally-required planning and programming activities. Chapter 23 part 150(b) of the *United States Code* [23USC §150(b)] includes the following seven national performance goals for the Federal-Aid Highway Program:

- Safety – To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- Capital Assets Condition – To maintain the highway infrastructure and transit capital asset systems in a state of good repair.
- Congestion Reduction – To achieve a significant reduction in congestion on the National Highway System.
- System Reliability – To improve the efficiency of the surface transportation system.
- Freight Movement and Economic Vitality – To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- Environmental Sustainability – To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- Reduced Project Delivery Delays – To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practice.

For federally funded public transportation activities, transportation performance management must be utilized to advance the general policy and purposes of the FTA's public transportation program as included in 49USC §5301(a) and (b).

BMTS' TIP was developed and is managed in cooperation with the New York State Department of Transportation (NYSDOT) and BC Transit. It reflects the investment priorities established in *Looking Forward 2040, the Greater Binghamton Transportation Plan*, which incorporates comments and input from affected agencies and organizations and the public.

TIPs "shall include, to the maximum extent practicable, a description of the anticipated effects of the transportation improvement program toward achieving the performance targets established in the metropolitan transportation plan, linking investment priorities to those performance targets" [23USC §134(j)(2)(D)]. TIPs and metropolitan transportation plans (MTPs) adopted or amended after the following dates must include performance targets for the associated measures:

- May 27, 2018 – Highway Safety Improvement Program (HSIP) and Highway Safety
- October 1, 2018 – Transit Asset Management
- May 20, 2019 – Pavement and Bridge Condition
- May 20, 2019 – System Performance/Freight/Congestion Mitigation & Air Quality Improvement Program

MPOs that do not adopt or amend their MTP prior to these dates are still required to support statewide performance targets or establish their own for the measures discussed above, and include "a description of the anticipated effects of the transportation improvement program toward achieving" said targets. This portion of the adopted TIP meets the requirements of 23USC §134(j)(2)(D).

HSIP and Highway Safety

Performance Targets

On March 15, 2016, FHWA published the final rule for the HSIP and Safety Performance Management (Safety PM) Measures in the *Federal Register* with an effective date of April 14, 2016.

The 2017 New York Strategic Highway Safety Plan (SHSP) is intended to reduce "the number of fatalities and serious injuries resulting from motor vehicle crashes on public roads in New York State." The SHSP guides NYSDOT, the MPOs, and other safety partners in addressing safety and defines a framework for implementation activities to be carried out across New York State. The NYSDOT Highway Safety Improvement Program (HSIP) annual report documents the statewide performance targets.

BMTS has agreed to support the NYSDOT statewide 2019 targets for the following Safety PM measures based on five-year rolling averages per Title 23 Part 490.207 of the *Code of Federal Regulations* on insert date via Resolution 2018-11.

- Number of Fatalities: 1,072
- Rate of Fatalities per 100M Vehicle Miles Traveled (VMT): 0.86

- Number of Serious Injuries 10,987
- Rate of Serious Injuries per 100M VMT: 8.62
- Number of Nonmotorized Fatalities and Serious Injuries: 2,726

Anticipated Effects

Safety is listed as a goal in the current Long Range Plan, Looking Forward: 2040, “Create a regional transportation system of Complete Streets that provides safe and secure travel for all users and all modes”. The projects on the TIP are consistent with the need to address safety. Safety is a primary consideration in the selection of projects to be included in the TIP. Prior to each new TIP being adopted, a TIP Subcommittee evaluates projects submitted for consideration of funding against the criteria set up to reflect the goals and objectives set forth in the LRTP. Improving safety is one of the highest weighted criteria.

The TIP includes NYSDOT projects programmed with HSIP funds and other fund sources that are expected to benefit the safety of the traveling public on roadways throughout the metropolitan planning area.

BMTS’ TIP has been reviewed and the anticipated effect of the overall program is that it will contribute to progress made in addressing the safety performance targets established by the State.

Transit Asset Management

Performance Targets

On July 26, 2016, the Federal Transit Administration (FTA) published the final Transit Asset Management rule. This rule applies to all recipients and subrecipients of Federal transit funding that own, operate, or manage public transportation capital assets. The rule defines the term “state of good repair,” requires that public transportation providers develop and implement transit asset management (TAM) plans and establishes state of good repair standards and performance measures for four asset categories: rolling stock, equipment, transit infrastructure, and facilities. The rule became effective on October 1, 2016.

BC Transit set the following transit asset management targets on December 31, 2017:

Performance Measure	Goal	Target
Rolling Stock (percent of revenue vehicle that have met/exceeded useful life)		
40' Bus	System Preservation	15%
Trolley Bus	Replace by 2022	0%
Cutaway Bus (Country Fleet)	System Preservation	15%

Performance Measure	Goal	Target
Equipment (percent of equipment that have met/exceeded useful life)		
Non-Revenue/Service	System Preservation	15%
Trucks/Other Rubber Wheeled Vehicles	System Preservation	15%
Fareboxes	System Preservation	25%
Surveillance System	System Preservation	15%
Facilities (condition rating of facilities based on a scale of 1-5 with 5 being the best rating)		
Administration	Rating of 3 or higher	3
Maintenance	Rating of 3 or higher	3
Parking Structure	Rating of 3 or higher	5
Passenger Facilities	Rating of 3 or higher	5

BMTS agreed to support these transit asset targets on March 1, 2018 via Resolution 2018-03. BC Transit stated that the transit asset targets for 2019 were the same as 2018 and consistent with what was listed in their TAM. Per FTA direction, the Policy Committee discussed their continuing support at their meeting held on December 13, 2018. With these actions, BMTS agrees to plan and program projects in the TIP that will, once implemented, make progress toward achieving the transit asset targets.

Anticipated Effects

The BMTS TIP was developed and managed in cooperation with BC Transit. The TIP includes specific investment priorities that support the BMTS' goals, including transit asset management, using a project selection process that is anticipated to address transit state of good repair in the MPO planning area. BMTS' goal of addressing transit asset condition is linked to the investment plan of BC Transit, and the process used to prioritize the projects within the TIP is consistent with federal requirements.

The focus of BMTS' investments that address transit state of good repair include:

- preventative maintenance of BC Transit facilities and buses,
- replacement of BC Transit coach buses.

The goals and objectives listed in BMTS' long range plan, Looking Forward: 2040, guide the TIP project selection. Improving the availability and level of service of public transit and managing the BC Transit fleet to achieve a state of good repair are listed as high priorities in the Plan.

BMTS anticipates that the TIP, once implemented, will contribute to progress toward achieving the established transit asset management targets. Improving the state of good repair (SGR) of transit capital assets is an overarching goal of the MPO.

Pavement and Bridge Condition

Performance Targets

On January 18, 2017, FHWA published the Pavement and Bridge Condition Performance Measures Final Rule in the *Federal Register*. This second FHWA performance measure rule, which has an effective date of May 20, 2017 (originally February 17, 2017), established six performance measures to assess pavement conditions and bridge conditions for the National Highway Performance Program (NHPP).

The pavement condition measures represent the percentage of lane-miles on the Interstate and non-Interstate National Highway System (NHS) that are in good or poor condition. FHWA established five pavement condition metrics¹: International Roughness Index (IRI); cracking percent; rutting; faulting; and Present Serviceability Rating (PSR). FHWA set a threshold for each metric to establish good, fair, or poor condition. A pavement section is classified as being in good condition if three or more metric ratings are good, and in poor condition if two or more metric ratings are poor. Pavement sections that are not good or poor are classified as fair.

The bridge condition measures represent the percentage of bridges, by deck area, on the NHS that are in good condition or poor condition². The condition of each bridge is evaluated by assessing four bridge components: deck, superstructure, substructure, and culverts. The Final Rule created a metric rating threshold for each component to establish good, fair, or poor condition. If the lowest rating of the four metrics is greater than or equal to seven, the structure is classified as good. If the lowest rating is less than or equal to four, the structure is classified as poor. If the lowest rating is five or six, it is classified as fair.

BMTS agreed to support the NYSDOT statewide targets for the following NHS pavement and bridge condition performance measures on December 18, 2018 via Resolution 2018-10.

¹ Per FHWA, "To ensure consistent definitions, a distinction between 'performance measure' and 'performance Metric' was made in 23 CFR 490.101. A 'metric' is defined as a quantifiable indicator of performance or condition whereas a 'measure' is defined as an expression based on a metric that is used to establish targets and to assess progress toward meeting the established targets." (*FHWA Computation Procedure for the Pavement Condition Measures – FHWA-HIF-18-022*, FHWA Office of Infrastructure and Office of Policy & Governmental Affairs, April 2018)

² The sum of total deck area of good or poor NHS bridges is divided by the total deck area of all bridges carrying the NHS to determine the percent of bridges in good or in poor condition. Deck area is calculated by multiplying the structure length by either the deck width or approach roadway width.

Performance Measure	NY Statewide Target 2-Year (2018-2019)	NY Statewide Target 4-Year (2018-2021)
Percentage of Interstate pavements in good condition	46.4%	47.3%
Percentage of Interstate pavements in poor condition	3.1%	4.0%
Percentage of non-Interstate NHS pavements in good condition	14.6%	14.7%
Percentage of non-Interstate NHS pavements in poor condition	12.0%	14.3%
Percentage of NHS bridges by deck area in good condition	23.0%	24.0%
Percentage of NHS bridges by deck area in poor condition	11.6%	11.7%

The two-year and four-year targets represent pavement and bridge condition at the end of calendar years 2019 and 2021.

Anticipated Effects

Maintaining (and, where possible, improving) the condition of NHS pavements and bridges is a critical component of BMTS' mission, and projects on the TIP are consistent with the need to address the condition of these infrastructure assets as applicable. While there is not a large number of NHS highway and bridge facilities in the BMTS planning area, infrastructure conditions are primary considerations in the selection of projects to be included in the TIP. BMTS emphasizes strong asset management practices which focus investments in current infrastructure on preventive, corrective and demand maintenance to preserve the functionality of the existing transportation system. NYSDOT project evaluation processes consider sufficiency and condition ratings in the review of candidate projects on the NHS. BMTS prioritizes investments to maintain pavement conditions and to reduce the number of structurally deficient bridges using the most cost-effective asset management tools.

BMTS' TIP has been reviewed and it is anticipated that projects programmed with NHPP and other fund sources will contribute to the NHS pavement and bridge condition performance targets established by the State.

System Performance, Freight, and Congestion Mitigation and Air Quality

Performance Targets

On January 18, 2017, FHWA published the system performance, freight, and congestion mitigation and air quality (CMAQ) Performance Measures Final Rule in the *Federal Register*. This third and final FHWA performance measure rule, which has an effective date of May 20, 2017 (originally February 17, 2017), established six performance measures to assess the performance of the NHS, freight movement on the Interstate System, and traffic congestion and on-road mobile source emissions for the CMAQ Program.

There are two NHS performance measures that represent the reliability of travel times for all vehicles on the Interstate and non-Interstate NHS. FHWA established the Level of Travel Time Reliability (LOTTR) metric to calculate reliability on both the Interstate and non-Interstate NHS. LOTTR is defined as the ratio of longer travel times (80th percentile) to a normal travel time (50th percentile) during four time periods from the hours of 6 AM to 8 PM each day (AM peak, midday, and PM peak on Mondays through Fridays and weekends). The LOTTR ratio is calculated for each segment of applicable roadway. A segment is reliable if its LOTTR is less than 1.5 during all time periods. If one or more time periods has a LOTTR of 1.5 or above, that segment is unreliable. The measures are expressed as the percentage of person-miles traveled on the Interstate and non-Interstate NHS that are reliable.

The single freight movement performance measure represents the reliability of travel times for trucks on the Interstate system. FHWA established the Truck Travel Time Reliability (TTTR) Index, which is defined as the ratio of longer truck travel times (95th percentile) to a normal truck travel time (50th percentile). The TTTR Index is calculated for each segment of the Interstate system over five time periods from all hours of each day (AM peak, midday, and PM peak on Mondays through Fridays, overnights for all days, and weekends). The highest TTTR Index value among the five time periods is multiplied by the length of the segment, and the sum of all length-weighted segments is then divided by the total length of Interstate to generate the TTTR Index.

There are three traffic congestion and on-road mobile source emissions performance measures that represent peak hour excessive delay per capita (PHED), non-single occupancy vehicle (SOV) travel, and total on-road mobile source emissions reductions. The BMTS meets all current air quality standards and is not subject to establishing targets for these performance measures.

BMTS agreed to support the NYSDOT statewide targets for the following system performance and freight performance measures on December 18, 2018 via Resolution 2018-11:

Performance Measure	NY Statewide Target 2-Year (2018-2019)	NY Statewide Target 4-Year (2018-2021)
Percentage of person-miles on the Interstate system that are reliable (Interstate LOTTR)	73.1%	73%
Percentage of person-miles on the non-Interstate NHS that are reliable (Non-Interstate NHS LOTTR)	N/A	63.4%
Index of reliability of travel times for trucks on the Interstate system (TTTR Index)	2.00	2.11

Anticipated Effects

Providing for the reliable movement of people and goods is a critical component of BMTS' mission, and the projects on the TIP are consistent with the need to address travel time reliability for all vehicles, including freight vehicles, and travel time reliability is a consideration during the TIP project selection process. While there are not a large number of projects related to travel time reliability, BMTS recognizes that the investment in strategies that improve the efficiency of

vehicle travel is important. The BMTS TIP funds the Transportation Operations Center which is critical to maintaining reliable travel times on the Interstate system and non-Interstate NHS. BMTS is dedicated to developing separated pedestrian and bicycle accommodations which provide a modal choice for those who do not have access to other forms of transportation or wish to leave their vehicle at home. The TIP includes the Route 434 Greenway project which will provide a 2.4 mile bicycle and pedestrian connection between Pennsylvania Avenue in the City of Binghamton and Murray Hill Road in the Town of Vestal.

BMTS' TIP has been reviewed, and the anticipated effect of the overall program is that it will contribute to the system performance and freight performance targets established by the State.

FINANCIAL PLAN

Federal rules require that TIPs include a financial plan that demonstrates that the program is financially realistic for each year of the TIP. The following financial plan includes a description of assumptions and revenue sources available for transportation projects for this TIP.

NYSDOT has provided funding estimates that are reasonably expected to be available to pay for projects and programs included in the TIP. NYDOT's estimates, or planning targets, are used to ensure that projects in the TIP can be funded by the anticipated revenue stream. Since this TIP includes projects beyond the 2021 expiration of the FAST Act, it assumes that federal funding levels for surface transportation projects will generally remain constant.

The TIP is financially constrained, meaning that the amount of funding programmed does not exceed the amount of funding estimated to be available. All projects programmed in the TIP are considered to have a reasonable expectation of being fully funded, even if funding is outside of the four-year TIP program period.

NYSDOT Region 9 works cooperatively with BMTS in the development of the TIP and the Region's portion of the STIP without a formal sub-allocation of planning targets to the MPO. Planning targets and project cost estimates use inflation rates that reflect "year of expenditure dollars" which adjusts revenues and costs based upon annual inflation factors provided by NYSDOT.

Below is the fiscal constraint table. This table shows the total anticipated federal funds by fund source for NYSDOT Region 9. Region 9 includes Broome, Chenango, Delaware, Otsego, Schoharie, Sullivan, and Tioga counties. Only a portion of the funds illustrated on the table will be allocated to BMTS. Since BMTS does not receive a direct sub-allocation of funds for the MPO Area, BMTS and NYSDOT Region 9 work together to determine a dollar amount for local projects. The columns labels 'Programmed' represents the amount of funds to be allocated to BMTS, plus any block funds when a portion of which is expected to be spent in the BMTS planning area. Region 9 sets aside block funds to address ongoing regional needs, such as bridge maintenance and paving. Because NYSDOT Region 9 has a large amount of federal dollars allocated to blocks, the exact dollar amount that will be spend in the MPO area is not able to be determined. Therefore, the 'Programmed' amounts do not necessarily reflect the total funds to be spent in the BMTS area.

Fiscal Constraint Table for BMTS

Fund Source	FFY 2020*		FFY 2021		FFY 2022		FFY 2023		FFY 2024		Total for STIP Years		Total for 5-Year TIP	
Federal Categories Fiscally Constrained	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed	Anticipated Federal Funds**	Programmed
National Highway Performance Program (NHPP)	\$ 90.536	\$ 33.231	\$ 56.021	\$ 61.689	\$ 36.899	\$ 25.143	\$ 36.899	\$ 31.321	\$ 36.899	\$ 27.251	\$ 220.354	\$ 151.384	\$ 257.252	\$ 178.635
Congestion Mitigation Air Quality (CMAQ)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway Safety Improvement Program (HSIP)	\$ 6.582	\$ 2.028	\$ 2.610	\$ 2.741	\$ 2.610	\$ 3.465	\$ 2.610	\$ 3.330	\$ 2.610	\$ 2.160	\$ 14.412	\$ 11.564	\$ 17.022	\$ 13.724
Highway Safety Improvement Program (HSIP RAIL)	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -	\$ -	\$ -
Surface Transportation Block Grant Program (STBGP FLEX) - includes STBGP RURAL, STBGP SM URBAN	\$ 63.568	\$ 26.848	\$ 32.890	\$ 35.367	\$ 28.490	\$ 28.926	\$ 28.490	\$ 19.308	\$ 28.490	\$ 24.576	\$ 153.438	\$ 110.449	\$ 181.928	\$ 135.025
STBGP Large Urban (STBGP LG URBAN)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
STBGP Off-System Bridge (STBGP-OFF)	\$ 10.000	\$ 1.944	\$ 4.348	\$ 1.005	\$ 2.136	\$ 1.512	\$ 2.136	\$ 0.149	\$ 2.136	\$ 1.056	\$ 18.620	\$ 4.610	\$ 20.756	\$ 5.666
National Highway Freight Program (NHFP)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Urbanized Area Formula Grants (Section 5307)	\$ 3.664	\$ 3.664	\$ 3.734	\$ 3.734	\$ 3.809	\$ 3.809	\$ 3.885	\$ 3.885	\$ 3.963	\$ 3.963	\$ 15.092	\$ 15.092	\$ 19.055	\$ 19.055
Enhanced Mobility Seniors/Individuals with Disabilities (Section 5310)	\$ 0.323	\$ 0.323	\$ 0.330	\$ 0.330	\$ 0.337	\$ 0.337	\$ 0.343	\$ 0.343	\$ 0.350	\$ 0.350	\$ 1.333	\$ 1.333	\$ 1.683	\$ 1.683
Formula Grants for Other than Urbanized Areas (Section 5311)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Transportation Safety Program (Section 5329)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State of Good Repair Grants (Section 5337)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus and Bus Facilities Program (Section 5339)	\$ 1.219	\$ 1.219	\$ 1.243	\$ 1.243	\$ 1.268	\$ 1.268	\$ 1.294	\$ 1.294	\$ 1.320	\$ 1.320	\$ 5.024	\$ 6.344	\$ 6.344	
TOTAL	\$ 175.892	\$ 69.257	\$ 101.176	\$ 106.109	\$ 75.549	\$ 64.460	\$ 75.657	\$ 59.630	\$ 75.768	\$ 60.676	\$ 424.569	\$ 299.456	\$ 504.040	\$ 360.132

* FFY 2020 includes rollover balances from the previous STIP period. Rollover can be positive or negative.

** Includes regional planning targets and statewide funded projects.

PROGRAMMED SURFACE TRANSPORTATION PROJECTS

The following tables list the *specific* surface transportation projects that have been *newly* programmed for 2020-2024. Countywide or region wide funding blocks set aside by NYSDOT Region 9, such as pavement, bridge maintenance and safety blocks, are not included because some, or all, of these funds may be invested outside of the BMTS urban area. A full list of surface transportation carry-over projects, new projects, and block projects can be found on page 16 under the Urban Highway and Bridge Element. These tables also show the total dollar investment included on the TIP.

NYSDOT programs many of their projects to cover areas throughout their seven-county region in order to foster economy of scale and cost savings on demand response, cyclical and element specific work and these projects are programmed on the TIP. Based on historical data, approximately 30% of these types of projects are in the Urban Area. For example, \$54 Million has been set aside for General Bridge Repairs, \$129M for Pavement Preservation and \$14M of Safety funds to reduce accidents. This equates to an investment of \$16M to preserve bridges, \$39M to preserve pavements and \$4M to address Safety in the urban area. This represents a significant investment in the preservation of the system but is not represented in the table.

TRANSPORTATION ALTERNATIVE PROJECT				
Sponsor	Project	Federal Funds	Local / State Funds	Total Project Investment
Broome County	Construct 6,350 linear feet of ADA compliant sidewalks, bus stops, and curb ramps , along Chenango Street. Town of Fenton, Broome County.	\$639,000	\$159,000	\$798,000

BRIDGE AND CULVERT PROJECTS				
Sponsor	Project	Federal Funds	Local / State Funds	Total Project Investment
Broome County	Replace Old Route 17 (CR 28) bridge over Hotchkiss Creek and replace the Chestnut Street over Hotchkiss Creek culvert with a bridge. Village of Windsor, Broome County.	\$1,708,000	\$427,000	\$2,135,000
Broome County	Minor rehabilitation and painting of the bridge that carries the Colesville Road Extension (CR177) over the Susquehanna River. Conklin, Broome County.	\$1,964,000	\$491,000	\$2,455,000
Village of Johnson City	Provide a new concrete deck on the bridge that carries the Lester Avenue over the Norfolk Southern Railroad in order to extend the life of the bridge. Johnson City, Broome County.	\$2,380,800	\$595,200	\$2,976,000
Tioga County	Replace the Harnick Road bridge over Apalachin Creek. Town of Owego, Tioga County.	\$1,292,800	\$323,200	\$1,616,000
Tioga County	Annual maintenance projects to repair selected bridges in order to preserve and extend their useful life. Various locations, Tioga County.	\$624,000	\$156,000	\$780,000
Tioga County	Annual maintenance projects to repair or replace selected culverts in order to preserve and extend their useful life. Various locations, Tioga County.	\$1,025,000	\$225,000	\$1,250,000

TRAFFIC SIGNAL / ADA COMPLIANCE PROJECTS				
Sponsor	Project	Federal Funds	Local / State Funds	Total Project Investment
Village of Endicott	Replace two deficient traffic signals at the intersections of Oak Hill Avenue/Witherill Street and Watson Boulevard/Oak Hill Avenue and update pedestrian accomodations to meet ADA standards. Endicott, Broome County.	\$768,000	\$193,000	\$961,000
NYSDOT	Replace the deficient traffic signal on Rte 434 at Clayton Avenue and update pedestrian accomodations to meet ADA standards. Town of Vestal, Broome County.	\$1,232,000	\$574,000	\$1,806,000

GATEWAY PROJECT				
Sponsor	Project	Federal Funds	Local / State Funds	Total Project Investment
NYSDOT	Reconfigure SR 363 from Varick to Washington St and provide new bike/ped facilities. City of Binghamton, Broome County.	\$19,168,000	\$4,792,000	\$23,960,000

PAVING and DRAINAGE PROJECTS				
Sponsor	Project	Federal Funds	Local / State Funds	Total Project Investment
NYSDOT	Resurface 16.32 lane miles on I-88, Rte 990G, & Rte 7 in the Towns of Dickinson, Fenton, Kirkwood & Village of Port Dickinson, Broome County.	\$2,837,000	\$463,000	\$3,300,000
NYSDOT	Phase 2 I-81/NY17 interchange reconstruction drainage repair, Exit 4 to Bevier St and Chenango to NY7. City of Binghamton, Broome County.	\$780,000	\$220,000	\$1,000,000

Operations and Maintenance

NYSDOT and local BMTS members annually budget funds for operations and maintenance of transportation facilities including the federally supported system. In addition, both federal and state funds are provided to NYSDOT's operations and maintenance forces for betterments to the system. NYSDOT Region 9 budgets approximately \$58 million per year for preventive, corrective and demand maintenance on highways and bridges. Specific activities include pavement and bridge maintenance, drainage improvements, guide rail repair, pavement markings, sign and signal maintenance, snow and ice control and numerous other maintenance activities. NYSDOT also provides funds to localities for maintenance through the Consolidated Local Street and Highway Improvement Program (CHIPs).

NYSDOT annually distributes Statewide Mass Transportation Operating Assistance (STOA) funds to approximately 130 transit operators. Broome County Transit is the principal recipient of these funds in the BMTS area. STOA is calculated based on a per passenger and per vehicle mile formula. STOA receivables in Broome County for SFY2018 are: \$3.6M

AIR QUALITY AND ENERGY CONSERVATION

The BMTS planning area is classified as an air quality attainment area under the Clean Air Act Amendments of 1990 (CAA). Therefore, no technical conformity analysis is required. The LRTP includes specific goals and objectives to assist in maintaining compliance with National Ambient Air Quality Standards (NAAQS), such as investing in public transit buses that limit Green House Gas (GHG) emissions, and in bicycle and pedestrian facilities that reduce automobile dependency. The TIP includes projects consistent with these specific goals and objectives.

In 2002 the New York State Energy Board issued the first New York State Energy Plan, with the aim of providing broad statewide energy policy direction to guide State agencies, Boards, Commissions, and Authorities in their decision making. In 2009, a new State Energy Plan was approved which includes the following public policy objectives related to the transportation sector:

- Redirect transportation funding toward energy-efficient transportation alternatives, including public transportation, walking and bicycling, and provide incentives to encourage greater use of related alternatives that improve transportation efficiency.
- Target open space funding to prevent suburban sprawl, promote Quality Communities, reduce vehicle miles traveled, support, adopt, and enhance transportation measures that reduce energy use and pollutant emissions.
- Support, adopt and enhance transportation measures that reduce energy use and pollutant emissions, such as Commuter Choice, Ozone Action Days, diesel vehicle retrofits, improved traffic signal coordination with LED technology, transportation system management, and other similar actions.

To support the state's energy plan, it is recommended that TIPs that involve regionally significant projects include a GHG analysis. Since this TIP does not include any regionally significant projects a GHG analysis has not been performed. However, the LRTP emphasizes transportation investments that optimize energy conservation efforts, including adaptive signal technologies and transit and bicycle/pedestrian projects and this TIP includes these types of investments. Further, BC Transit currently has 15 hybrid-diesel buses in their fixed route fleet which help reduce GHG emissions within our region.

URBAN HIGHWAY AND BRIDGE ELEMENT

The Urban Highway and Bridge Element of this TIP includes the following fund sources:

- National Highway Performance Program (NHPP)
- Surface Transportation Block Grant Flex (STBG Flex)
- Surface Transportation Block Grant Off System Bridge (STBG OFF)
- Highway Safety Improvement Program (HSIP)

STBG funds may be spent on projects on any public road functionally classified as collector or above. These funds can also, with MPO approval, be spent on transit projects, as well as bicycle or pedestrian projects. NHPP funds may only be spent on roads designated as part of the National Highway System. Federal law allows the State DOT, with approval from Federal Highway Administration, to shift monies between NHS and STP.

Federal regulation requires that TIP projects be selected by the State in cooperation with the MPO. This does not cause any significant changes in the way BMTS develops its TIP. It is the policy of the BMTS that the TIP Subcommittee of the Planning Committee, which includes NYSDOT representation, is responsible for developing the draft Surface Transportation Program and Highway Bridge Program. The BMTS Policy on Project Programming is followed, and funding allocation targets are provided by NYSDOT Main Office. NYSDOT takes the lead in developing the NYSDOT projects for the programs, because they must balance the needs of the metropolitan system with those of the remainder of the region. The TIP Subcommittee scrutinizes these project submissions and may request further information or offer priorities for these fund sources. The BMTS Subcommittee takes the lead on prioritizing the local non-state projects.

Federal law requires that the TIP include the projected cost of preliminary design, detailed design, right-of-way acquisition, and construction, and construction inspection (CI). FHWA programs provide an 80% Federal share of all costs, except for the Highway Safety Improvement Program (HSIP) which can be a 90% or 100% Federal share depending on eligibility. For projects sponsored by NYSDOT, the State pays the full non-Federal share. State match is typically provided from the State Dedicated Fund (SDF). For locally sponsored projects, the New York State Legislature created many years ago the Marchiselli Program. This provides $\frac{3}{4}$ of the non-Federal share, or 15% of the project cost, leaving a 5% share for the local sponsor. The availability of Marchiselli funds is subject to annual state appropriations process. Local project sponsors are always informed that they may have to assume the full non-Federal share of a project. The following tables include project narratives that show the split of non-Federal match for local projects. BMTS recognizes that it is important for each project on the TIP to have a well-defined scope. This is facilitated by the fact that candidate project submissions begin with a NYSDOT Initial Project Proposal (IPP) form.

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 1 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
TN of Vestal 900943 SAFETY <Exempt>	VESTAL HIGH SCHOOL PEDESTRIAN IMPROVEMENTS PROJECT. THIS PROJECT WILL INSTALL A HIGH-INTENSITY PEDESTRIAN ACTIVATED CROSSWALK SIGNAL ON RT 434 AT THE TOWN LIBRARY, 320 VESTAL PKWY EAST AND REPLACE SIDEWALKS ON THE EAST SIDE OF CLAYTON AVE FROM CHARLES ST TO RT 434 AS WELL AS ON THE WEST SIDE OF CLAYTON AVE FROM RT 434 TO WOODLAWN AVE / VESTAL HIGH SCHOOL MAIN ENTRANCE. THE PROJECT WILL IMPROVE SAFETY AND MOBILITY OF PEDESTRIANS AND STUDENTS ALONG THE PROJECT VICINITY. TN OF VESTAL, BROOME CO TOTAL FA AWARD = \$525,200. TAP 2017	TAP SM URBAN 05/2019 LOCAL 05/2019 TAP SM URBAN 11/2019 LOCAL 11/2019 TAP SM URBAN 11/2019 LOCAL 11/2019	0.000 0.000 0.064 0.016 0.351 0.088	ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.026 0.007 0.064 0.016 0.351 0.088						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.519		0.033	0.519	0.000	0.000	0.000	0.000
Broome Co DPW 900944 SAFETY <Exempt>	THE PROJECT WILL CONSTRUCT/RECONSTRUCT APPROXIMATELY 6,350 LINEAR FEET OF SIDEWALK ALONG CHENANGO STREET IN THE TOWN OF FENTON. THE PROJECT WILL ALSO INCLUDE THE INSTALLATION AND ADDITION OF ADA COMPLIANT CURB RAMPS, BUS STOPS, SIGNAGE AND STRIPING.	TAP FLEX 06/2019 LOCAL 06/2019 TAP FLEX 06/2019 LOCAL 06/2019 TAP FLEX 12/2019 LOCAL 12/2019 TAP FLEX 12/2019 LOCAL 12/2019 TAP FLEX 12/2020 LOCAL 12/2020 TAP FLEX 12/2020 LOCAL 12/2020	0.000 0.000 0.000 0.000 0.068 0.017 0.016 0.004 0.061 0.015 0.494 0.123	PRELDES PRELDES ROWINCD ROWINCD DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.037 0.009 0.057 0.014 0.068 0.017 0.016 0.004 0.061 0.015 0.494 0.123						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.798		0.117	0.105	0.693	0.000	0.000	0.000
NYS DOT 901655 R&P <Exempt>	THIS PREVENTITIVE MAINTENANCE PROJECT WILL RESURFACE 5.54 LANE MILES OF HIGHWAY ON RT 11 (FROM MP 16.90 TO 17.50) AND RT 12 (FROM MP 0 TO 0.71) TO BRING PAVEMENT TO A STATE OF GOOD REPAIR, TN OF CHENANGO, BROOME CO	NHPP 08/2019 SDF 08/2019 NHPP 03/2019 SDF 03/2019 NHPP 04/2020 SDF 04/2020 NHPP 04/2020 SDF 04/2020	0.000 0.000 0.000 0.000 0.160 0.040 1.600 0.400	DETLDES DETLDES PRELDES PRELDES CONINSP CONINSP CONST CONST	0.432 0.108 0.040 0.010 0.160 0.040 1.600 0.400						
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.200		0.590	2.200	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 2 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 90380A MOBIL <Exempt>	RTE 363 & 434, BINGHAMTON GATEWAY PROJECT. THIS PROJECT WILL INCREASE MOBILITY BY TRANSFORMING THE STATE RT 363 CORRIDOR FROM SUSQUEHANNA ST TO WASHINGTON ST, FURNISHING BETTER RIVER ACCESS AND CONSTRUCTING SEPARATED BIKE/PED FACILITIES, CITY OF BINGHAMTON, BROOME CO. STATEWIDE CAPITAL PROGRAM 2016. 90380A & 903826 COMBINED ARE CAPPED AT \$53.000M.	NHPP 04/2020 PIT BOND 04/2020 NHPP 04/2020 PIT BOND 04/2020 NHPP 02/2021 PIT BOND 02/2021 NHPP 02/2021 PIT BOND 02/2021	2.328 0.582 0.120 0.030 1.520 0.380 15.200 3.800	DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST		2.328 0.582 0.120 0.030 1.520 0.380 15.200 3.800					
AQC:N/A	BROOME	TPC: \$26-\$40 M	TOTAL 5YR COST :	23.960		0.000	3.060	20.900	0.000	0.000	0.000
NYSDOT 903826 MOBIL <Exempt>	RT 434 GREENWAY: PENNSYLVANIA AVE TO MURRAY HILL RD. THIS PROJECT WILL INCREASE MOBILITY BY PROVIDING 2.4 MILES OF AN ENHANCED BICYCLE & PEDESTRIAN CONNECTION BETWEEN PENNSYLVANIA AVE (CITY OF BINGHAMTON) & MURRAY HILL ROAD (TN OF VESTAL), BROOME CO. STATEWIDE CAPITAL PROGRAM 2016. 90380A & 903826 COMBINED ARE CAPPED AT \$53.000M.	NHPP 06/2020 PIT BOND 06/2020 NHPP 06/2020 PIT BOND 06/2020 NHPP 10/2019 PIT BOND 10/2019 NHPP 10/2019 PIT BOND 10/2019	1.451 0.362 14.500 3.624 0.662 0.166 1.201 0.300	CONINSP CONINSP CONST CONST DETLDES DETLDES ROWACQU ROWACQU		1.451 0.362 14.500 3.624 0.662 0.166 1.201 0.300					
AQC:N/A	BROOME	TPC: \$21-\$31 M	TOTAL 5YR COST :	22.266		0.000	22.266	0.000	0.000	0.000	0.000
NYSDOT 904139 R&P <Exempt>	THIS PREVENTATIVE MAINTENANCE PROJECT WILL RESURFACE 5.44 LANE MILES OF RT 17C (FROM MILEPOINT 4.19 TO 5.55) TO BRING THE PAVEMENT TO A STATE OF GOOD REPAIR. TN OF UNION & VIL OF ENDICOTT, BROOME CO	STBG FLEX 10/2018 SDF 10/2018 SDF 10/2018 STBG FLEX 10/2019 SDF 10/2019 STBG FLEX 10/2019 SDF 10/2019	0.000 0.000 0.000 0.120 0.030 1.600 0.400	DETLDES DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.240 0.060 0.058 0.120 0.030 1.600 0.400						
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.150		0.358	2.150	0.000	0.000	0.000	0.000
NYSDOT 904350 BRIDGE <Exempt>	THIS RECONSTRUCTION PROJECT WILL REPLACE THE DEFICIENT STRUCTURE (BIN 1008190) THAT CARRIES RT 11 (FRONT ST) OVER I-81 (NORTH & SOUTH BOUND) IN THE TN OF DICKINSON, BROOME CO	NHPP 06/2019 SDF 06/2019 NHPP 06/2019 SDF 06/2019 NHPP 10/2020 SDF 10/2020 NHPP 10/2020 SDF 10/2020	0.000 0.000 0.000 0.000 1.523 0.381 15.226 3.806	DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.571 0.143 0.013 0.003 1.523 0.381 15.226 3.806						
AQC:N/A	BROOME	TPC: \$21-\$31 M	TOTAL 5YR COST :	20.936		0.730	0.000	20.936	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 3 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 921330 BRIDGE <Exempt>	THIS RECONSTRUCTION PROJECT WILL REPLACE THE DEFICIENT STRUCTURE CARRYING RT 79 OVER THE CHENANGO RIVER ON A NEW ALIGNMENT. TN OF BARKER AND FENTON, BROOME CO (BIN 1030480)	STBG FLEX 03/2020 SDF 03/2020 STBG FLEX 08/2021 SDF 08/2021 STBG FLEX 08/2021 SDF 08/2021	0.732 0.172 0.941 0.235 9.413 2.353	ROWACQU ROWACQU CONINSP CONINSP CONST CONST		0.732 0.172	0.941 0.235 9.413 2.353				
AQC:N/A	BROOME	TPC: \$15-\$25 M	TOTAL 5YR COST :	13.846		0.000	0.904	12.942	0.000	0.000	0.000
NYSDOT 930723 BRIDGE <Exempt>	THIS PREVENTATIVE MAINTENANCE PROJECT WILL PERFORM SCOUR REPAIRS TO 3 STRUCTURES: RT 7 OVER LITTLE SNAKE CREEK (BIN 1054390); RT 7 OVER BELDEN BRK (BIN 1003760); AND RT 7A OVER SNAKE CRK (BIN1004350) IN ORDER TO EXTEND THE SERVICE LIFE OF THE STRUCTURES. TN OF COLESVILLE AND CONKLIN, BROOME CO	STBG FLEX 01/2019 SDF 01/2019 STBG FLEX 01/2019 SDF 01/2019 STBG FLEX 02/2020 SDF 02/2020 STBG FLEX 02/2020 SDF 02/2020 STBG FLEX 12/2020 SDF 12/2020 STBG FLEX 12/2020 SDF 12/2020	0.000 0.000 0.000 0.000 0.128 0.032 0.012 0.003 0.095 0.024 0.952 0.238	PRELDES PRELDES ROWINCD ROWINCD DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.012 0.003 0.004 0.001 0.128 0.032 0.012 0.003 0.095 0.024 0.952 0.238						
AQC:N/A	BROOME	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.484		0.020	0.175	1.309	0.000	0.000	0.000
NYSDOT 935839 R&P <Exempt>	THIS PREVENTATIVE MAINTENANCE PROJECT WILL RESURFACE 16.32 LANE MILES ON I-88 (MP 0.67 - 2.89, .99 - 3.22, 0 - .05, .14 - .35, 0 - .06, .08-.24), RTE 990G (MP 0 - 1.16), & RTE 7 (MP 13.60 - 14.10) IN ORDER TO BRING THE PAVEMENT TO A STATE OF GOOD REPAIR. TN OF DICKINSON, FENTON, KIRKWOOD & VIL OF PORT DICKINSON, BROOME CO	STBG FLEX 02/2019 SDF 02/2019 STBG FLEX 01/2019 SDF 01/2019 NHPP 10/2019 SDF 10/2019 STBG FLEX 10/2019 SDF 10/2019 NHPP 10/2019 SDF 10/2019 STBG FLEX 10/2019 SDF 10/2019	0.000 0.000 0.000 0.000 0.188 0.027 0.069 0.017 1.877 0.264 0.686 0.172	DETLDES DETLDES PRELDES PRELDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST	0.240 0.060 0.008 0.002 0.188 0.027 0.069 0.017 1.877 0.264 0.686 0.172						
AQC:N/A	BROOME	TPC: \$3.3-\$5.6 M	TOTAL 5YR COST :	3.300		0.310	3.300	0.000	0.000	0.000	0.000
NYSDOT 950117 R&P <Exempt>	PROJECT WILL RE-ESTABLISH DRAINAGE THAT WAS FOUND IN NEED OF REPLACEMENT DURING THE I81/NY17 INTERCHANGE RECONSTRUCTION, PHASE 2. DRAINAGE WORK NY7: EXIT 4 TO BEVIER ST MP 11.96 TO 12.26, BEVIER ST: CHENANGO ST TO NY 7 MP 0.14 TO 0.48. CITY OF BINGHAMTON, BROOME CO	NHPP 12/2019 SDF 12/2019 NHPP 12/2019 SDF 12/2019	0.080 0.020 0.800 0.200	CONINSP CONINSP CONST CONST		0.080 0.020 0.800 0.200					
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.100		0.000	1.100	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 4 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Tn of Vestal 975400 BRIDGE <Exempt>	THIS RECONSTRUCTION PROJECT WILL REPLACE THE DEFICIENT STRUCTURE THAT CARRIES WASHINGTON DR OVER FULLER HOLLOW CRK. TN OF VESTAL, BROOME CO (BIN 2226010)	STBG-OFF 10/2018 PIT BOND 10/2018 STBG-OFF 02/2019 PIT BOND 02/2019 STBG-OFF 10/2019 PIT BOND 10/2019 STBG-OFF 10/2019 PIT BOND 10/2019	0.000 0.000 0.000 0.000 0.071 0.018 0.669 0.167	DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.045 0.011 0.019 0.005 0.071 						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.925		0.080	0.925	0.000	0.000	0.000	0.000
City of Binghamton 975402 BRIDGE <Exempt>	THIS PROJECT WILL PROVIDE MINOR REHABILITATION TO THE STRUCTURES THAT CARRY BELDEN ST AND CONKLIN AVE OVER PIERCE CRK IN ORDER TO EXTEND THE LIFE OF THE BRIDGES. CITY OF BINGHAMTON, BROOME CO (BINS 2226260 & 2003610)	STBG FLEX 04/2019 PIT BOND 04/2019 STBG-OFF 04/2019 PIT BOND 04/2019 STBG FLEX 04/2019 PIT BOND 04/2019 STBG-OFF 04/2019 LOCAL 04/2019 PIT BOND 04/2019	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST	0.147 0.037 0.083 0.021 0.737 0.184 0.706 0.072 0.104						
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	0.000		2.091	0.000	0.000	0.000	0.000	0.000
Broome Co 975404 BRIDGE <Exempt>	THIS PROJECT WILL REHABILITATE 7 DEFICIENT STRUCTURES BY INCREASING WEARING SURFACE RATINGS AND WATERPROOFING DECK MEMBRANES IN ORDER TO EXTEND THE SERVICE LIVES OF THE BRIDGES. BROOME CO (BINS 3349280, 3349330, 3349390, 3349820, 3349110, 3349420, 3349610)	STBG-OFF 03/2019 LOCAL 03/2019 STBG-OFF 03/2019 LOCAL 03/2019 STBG-OFF 01/2020 LOCAL 01/2020 STBG-OFF 01/2020 LOCAL 01/2020	0.000 0.000 0.000 0.000 0.053 0.013 0.286 0.071	DETLDES DETLDES PRELDES PRELDES CONINSP CONINSP CONST CONST	0.021 0.005 0.023 0.006 0.053 						
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.423		0.055	0.423	0.000	0.000	0.000	0.000
Tn of Vestal 975406 BRIDGE <Exempt>	THIS PROJECT WILL REHABILITATE THE DEFICIENT STRUCTURE THAT CARRIES MEEKER ROAD OVER BIG CHOCONUT CREEK IN ORDER TO EXTEND THE LIFE OF THE BRIDGE. TN OF VESTAL, BROOME CO (BIN 2225940)	STBG-OFF 10/2018 LOCAL 10/2018 STBG-OFF 10/2019 LOCAL 10/2019 STBG-OFF 10/2020 LOCAL 10/2020 STBG-OFF 10/2020 LOCAL 10/2020	0.000 0.000 0.058 0.015 0.126 0.031 0.583 0.146	PRELDES PRELDES DETLDES DETLDES CONINSP CONINSP CONST CONST	0.052 0.012 0.058 0.015 0.126 						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.959		0.064	0.073	0.886	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 5 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Vil of Johnson City 975409 R&P <Exempt>	THIS PREVENTATIVE MAINTENANCE PROJECT WILL RESURFACE 0.62 LANE MILES OF ROADWAY FROM VALLEY PLAZA DR TO OAKDALE RD ON HARRY L DR IN THE VIL OF JOHNSON CITY, BROOME CO. PROJECT WILL IMPROVE PAVEMENT SURFACE, REPAIR DRAINAGE STRUCTURES, & MAINTAIN ADA COMPLIANCE.	STBG FLEX 12/2019 PIT BOND 12/2019 STBG FLEX 12/2019 PIT BOND 12/2019	0.036 0.009 0.220 0.055	CONINSP CONINSP CONST CONST		0.036 0.009 0.220 0.055					
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.320		0.000	0.320	0.000	0.000	0.000	0.000
Vil of Johnson City 975411 R&P <Exempt>	THIS PROJECT WILL RESURFACE 0.46 LANE MILES ON FLORAL AVE FROM LUSK ST TO ACKLEY AVE IN VIL OF JOHNSON CITY AND TN OF UNION, BROOME CO. PROJECT WILL IMPROVE THE PAVEMENT SURFACE, IMPROVE SAFETY & MOBILITY, BRING SIDEWALKS INTO ADA COMPLIANCE AND REPAIR DRAINAGE STRUCTURES.	STBG FLEX 01/2020 PIT BOND 01/2020 STBG FLEX 01/2020 PIT BOND 01/2020 STBG FLEX 10/2019 PIT BOND 10/2019 STBG FLEX 10/2019 PIT BOND 10/2019 STBG FLEX 10/2019 PIT BOND 10/2019	0.036 0.009 0.220 0.055 0.024 0.006 0.016 0.004 0.003 0.001	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDDES PRELDDES ROWINCD ROWINCD		0.036 0.009 0.220 0.055 0.024 0.006 0.016 0.004 0.003 0.001					
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.374		0.000	0.374	0.000	0.000	0.000	0.000
Broome Co 975412 BRIDGE <Exempt>	THIS PROJECT WILL REPLACE THE DEFICIENT STRUCTURE THAT CARRIES COLESVILLE RD (CR 52) OVER DUELL CRK IN THE TN OF KIRKWOOD, BROOME CO (BIN 3360400)	STBG FLEX 01/2019 LOCAL 01/2019 STBG FLEX 10/2019 PIT BOND 10/2019 STBG FLEX 10/2019 PIT BOND 10/2019	0.000 0.000 0.080 0.020 0.767 0.192	DETLDES DETLDES CONINSP CONINSP CONST CONST	0.060 0.014		0.080 0.020 0.767 0.192				
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.059		0.074	1.059	0.000	0.000	0.000	0.000
Broome Co 975415 BRIDGE <Exempt>	THIS PROJECT WILL REHABILITATE THE DEFICIENT STRUCTURE THAT CARRIES HOOPER ROAD OVER PATTERSON CRK, IN ORDER TO EXTEND THE LIFE OF THE BRIDGE. TN OF UNION, BROOME CO (BIN 3349750)	STBG FLEX 12/2019 LOCAL 12/2019 STBG FLEX 12/2019 LOCAL 12/2019 STBG FLEX 06/2021 LOCAL 06/2021 STBG FLEX 06/2021 LOCAL 06/2021 STBG FLEX 11/2022 LOCAL 11/2022 STBG FLEX 11/2022 LOCAL 11/2022	0.084 0.021 0.004 0.001 0.104 0.026 0.021 0.005 0.156 0.039 0.800 0.200	PRELDES PRELDES ROWINCD ROWINCD DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST		0.084 0.021 0.004 0.001 0.104 0.026 0.021 0.005 0.156 0.039 0.800 0.200					
AQC:N/A	BROOME	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.461		0.000	0.110	0.156	0.000	1.195	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 6 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Vil of Johnson City 975417 R&P <Exempt>	PROJECT WILL RESURFACE 2.02 LANE MILES OF REYNOLDS RD FROM OVERBROOK RD NORTH TO DEYO HILL RD, BRINGING SIDEWALKS INTO ADA COMPLIANCE, & REPAIRING DRAINAGE STRUCTURES TO IMPROVE MOBILITY, RELIABILITY, & SAFETY IN THE VIL OF JOHNSON CITY, BROOME CO	STBG FLEX 12/2019 LOCAL 12/2019 STBG FLEX 12/2019 LOCAL 12/2019	0.072 0.018 0.640 0.160	CONINSP CONINSP CONST CONST		0.072 0.018 0.640 0.160					
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.890		0.000	0.890	0.000	0.000	0.000	0.000
Tioga Co 975428 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PROVIDE MINOR BRIDGE MAINTENANCE TO 9 BRIDGES IN ORDER TO PRESERVE & EXTEND THE USEFUL LIFE OF THOSE STRUCTURES. TIOGA CO (BINS 2218720, 3334850, 3334860, 3335020, 3335130, 3335430, 3335490, 3335410, 2218960)	STBG FLEX 04/2019 LOCAL 04/2019 STBG-OFF 04/2019 LOCAL 04/2019 STBG FLEX 04/2019 LOCAL 04/2019 STBG-OFF 04/2019 LOCAL 04/2019	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.009 0.002 0.007 0.002 0.088 0.022 0.072 0.018					
AQC:N/A	PIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.000		0.220	0.000	0.000	0.000	0.000	0.000
Tioga Co 975429 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR 26 BRIDGES ON VARIOUS FEDERAL-AID AND NON-FEDERAL AID ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 07/2019 LOCAL 07/2019 STBG-OFF 07/2019 LOCAL 07/2019 STBG FLEX 07/2019 LOCAL 07/2019 STBG-OFF 07/2019 LOCAL 07/2019 STBG FLEX 03/2019 LOCAL 03/2019 STBG FLEX 03/2019 LOCAL 03/2019	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST DETLDES DETLDES PRELDDES PRELDDES		0.007 0.002 0.009 0.002 0.071 0.018 0.089 0.022 0.012 0.003 0.020 0.005					
AQC:N/A	PIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.000		0.260	0.000	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 7 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Tioga Co 975430 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR SELECTED BRIDGES ON FEDERAL AID ELIGIBLE AND NON-FEDERAL AID ELIGIBLE ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 03/2020 LOCAL 03/2020 STBG-OFF 03/2020 LOCAL 03/2020 STBG FLEX 03/2020 LOCAL 03/2020 STBG-OFF 03/2020 LOCAL 03/2020 STBG FLEX 12/2019 LOCAL 12/2019 STBG FLEX 10/2019 LOCAL 10/2019	0.008 0.002 0.008 0.002 0.080 0.020 0.080 0.020 0.012 0.003 0.020 0.005	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST DETLDES DETLDES PRELDDES PRELDDES		0.008 0.002 0.008 0.002 0.080 0.020 0.080 0.020 0.012 0.003 0.020 0.005					
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.260		0.000	0.260	0.000	0.000	0.000	0.000
Tioga Co 975431 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR SELECTED BRIDGES ON FEDERAL AID ELIGIBLE AND NON-FEDERAL AID ELIGIBLE ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 03/2021 LOCAL 03/2021 STBG-OFF 03/2021 LOCAL 03/2021 STBG FLEX 03/2021 LOCAL 03/2021 STBG-OFF 03/2021 LOCAL 03/2021 STBG FLEX 12/2020 LOCAL 12/2020 STBG FLEX 10/2020 LOCAL 10/2020	0.008 0.002 0.008 0.002 0.080 0.020 0.080 0.020 0.012 0.003 0.020 0.005	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST DETLDES DETLDES PRELDDES PRELDDES		0.008 0.002 0.008 0.002 0.080 0.020 0.080 0.020 0.012 0.003 0.020 0.005					
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.260		0.000	0.000	0.260	0.000	0.000	0.000
City of Binghamton 975437 SAFETY <Exempt>	THIS SAFETY PROJECT WILL IDENTIFY AND IMPLEMENT IMPROVEMENTS ON MAIN STREET FROM FLORAL AVE TO FRONT ST THAT WILL REDUCE THE NUMBER OF PEDESTRIAN AND BICYCLE ACCIDENTS. CITY OF BINGHAMTON, BROOME CO	HSIP 08/2019 HSIP 08/2019 HSIP 03/2019	0.000 0.000 0.000	CONINSP CONST ROWACQU	0.210 2.035 0.016						
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	0.000		2.261	0.000	0.000	0.000	0.000	0.000
Vil of Endicott 975440 SAFETY <Exempt>	THIS PROJECT WILL REPLACE THE DEFICIENT TRAFFIC SIGNAL AT THE INTERSECTION OF MCKINLEY AVE & WATSON BLVD. AN UPDATED SIGNAL WILL INCREASE MOBILITY AND SAFETY AND IMPROVE TRAFFIC. VIL OF ENDICOTT, BROOME CO	STBG FLEX 12/2019 LOCAL 12/2019 STBG FLEX 12/2019 LOCAL 12/2019	0.024 0.006 0.240 0.060	CONINSP CONINSP CONST CONST		0.024 0.006 0.240 0.060					
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.330		0.000	0.330	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 8 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Tn of Union 975455 SAFETY <Exempt>	THIS PROJECT WILL UPGRADE INTERSECTION TRAFFIC SIGNALS TO MEET CURRENT STANDARDS AND UPGRADE SIDEWALK AND CURB RAMPS TO ADAAG COMPLIANT FACILITIES ON HOOPER RD AT WATSON BLVD (MP 0.46-0.49) IN ORDER TO IMPROVE MOBILITY AND SAFETY. TN OF UNION, BROOME CO	STBG FLEX 07/2019 LOCAL 07/2019 STBG FLEX 02/2020 LOCAL 02/2020 STBG FLEX 02/2020 LOCAL 02/2020	0.000 0.000 0.040 0.010 0.194 0.048	ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.013 0.003 0.040 0.010 0.194 0.048						
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.292		0.016	0.292	0.000	0.000	0.000	0.000
Tioga Co 975457 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR SELECTED BRIDGES ON FEDERAL AID ELIGIBLE & NON-FEDERAL AID ELIGIBLE ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 03/2022 LOCAL 03/2022 STBG FLEX 03/2022 LOCAL 03/2022 STBG FLEX 12/2021 LOCAL 12/2021 STBG FLEX 10/2021 LOCAL 10/2021	0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDES PRELDES				0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005			
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.260		0.000	0.000	0.000	0.260	0.000	0.000
Tioga Co 975458 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR SELECTED BRIDGES ON FEDERAL AID ELIGIBLE & NON-FEDERAL AID ELIGIBLE ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 03/2023 LOCAL 03/2023 STBG FLEX 03/2023 LOCAL 03/2023 STBG FLEX 12/2022 LOCAL 12/2022 STBG FLEX 10/2022 LOCAL 10/2022	0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDES PRELDES					0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005		
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.260		0.000	0.000	0.000	0.260	0.000	0.000
Tioga Co 975459 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL REPAIR SELECTED BRIDGES ON FEDERAL AID ELIGIBLE & NON-FEDERAL AID ELIGIBLE ROUTES IN ORDER TO PRESERVE AND EXTEND THE USEFUL LIFE OF THOSE STRUCTURES BEFORE THEY REQUIRE REHABILITATION OR REPLACEMENT. TIOGA CO	STBG FLEX 03/2024 LOCAL 03/2024 STBG FLEX 03/2024 LOCAL 03/2024 STBG FLEX 12/2023 LOCAL 12/2023 STBG FLEX 10/2023 LOCAL 10/2023	0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDES PRELDES					0.016 0.004 0.160 0.040 0.012 0.003 0.020 0.005		
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.260		0.000	0.000	0.000	0.000	0.260	0.000
City of Binghamton 975463 MOBIL <Exempt>	THIS PROJECT WILL UPDATE 10 PEDESTRIAN SAFETY CROSSINGS BY ADDRESSING SIGNAGE, CROSSWALKS AND ADA RAMPS TO MAKE THE CROSSINGS SAFER FOR THE TRAVELING PUBLIC. CITY OF BINGHAMTON, BROOME CO	HSIP 04/2019 HSIP 04/2020 HSIP 04/2020 HSIP 10/2019	0.000 0.049 0.362 0.032	PRELDES CONINSP CONST DETLDES	0.047 0.049 0.362 0.032						
AQC:N/A	BROOME	TPC: <\$0.75 M	TOTAL 5YR COST :	0.443		0.047	0.443	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 9 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Vil of Endicott 975464 SAFETY <Exempt>	THIS PROJECT WILL UPDATE 61 PEDESTRIAN SAFETY CROSSING SITES BY ADDRESSING COUNTDOWN TIMERS, SIGNALS AND CROSSWALKS TO MAKE THE CROSSINGS SAFER FOR THE TRAVELING PUBLIC. VIL OF ENDICOTT, BROOME CO	HSIP 07/2019 HSIP 04/2019 HSIP 12/2019 HSIP 12/2019	0.000 0.000 0.063 0.622	DETLDES PRELDDES CONINSP CONST	0.050 0.025	0.063 0.622					
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.685		0.075	0.685	0.000	0.000	0.000	0.000
Tioga Co. 975480 BRIDGE <Exempt>	THIS RECONSTRUCTION PROJECT WILL REHABILITATE THE DEFICIENT STRUCTURE (BIN 3335200) THAT CARRIES WEST CREEK RD OVER WEST BRANCH OF OWEGO CRK. TOWN OF CANDOR, TIOGA CO. BRIDGE NY 2018. FEDERAL AWARD AMOUNT = \$1,856,110. (95% FEDERAL USING 15% TOLL CREDITS WITH 5% LOCAL MATCH).	NHPP 06/2019 LOCAL 06/2019 NHPP 03/2019 LOCAL 03/2019 NHPP 01/2020 LOCAL 01/2020 NHPP 01/2020 LOCAL 01/2020	0.000 0.000 0.000 0.000 0.157 0.008 1.367 0.072	DETLDES DETLDES PRELDDES PRELDDES CONINSP CONINSP CONST CONST	0.133 0.007 0.200 0.011	0.157 0.008 1.367 0.072					
AQC:N/A	TIOGA	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.604		0.351	1.604	0.000	0.000	0.000	0.000
Tioga Co 975481 BRIDGE <Exempt>	THIS PROJECT WILL REHABILITATE THE DEFICIENT STRUCTURE (BIN 3335400) THAT CARRIES WEST RIVER DR OVER PARKS CRK IN ORDER TO EXTEND THE SERVICE LIFE OF THE STRUCTURE. TN OF NICHOLS, TIOGA CO. BRIDGE NY 2018. FEDERAL AWARD AMOUNT = \$1,856,110. (95% FEDERAL USING 15% TOLL CREDITS WITH 5% LOCAL MATCH).	STBG-OFF 02/2019 LOCAL 02/2019 STBG-OFF 02/2019 LOCAL 02/2019 STBG-OFF 04/2020 LOCAL 04/2020 STBG-OFF 04/2020 LOCAL 04/2020	0.000 0.000 0.000 0.000 0.057 0.003 0.514 0.027	DETLDES DETLDES PRELDDES PRELDDES CONINSP CONINSP CONST CONST	0.048 0.002 0.076 0.004	0.057 0.003 0.514 0.027					
AQC:N/A	TIOGA	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.601		0.130	0.601	0.000	0.000	0.000	0.000
City of Binghamton 975487 SAFETY <Exempt>	THIS SIGNAL UPGRADE PROJECT WILL INCLUDE PEDESTRIAN ACCOMMODATIONS INCLUDING UPGRADED SIGNAL WITH COUNTDOWN AND AUDIO, ADA RAMPS AND CROSSWALKS AT THE INTERSECTION OF HAWLEY ST AND WASHINGTON ST IN ORDER TO INCREASE MOBILITY AND SAFETY AND PREPARE WASHINGTON ST TO BE WIDENED TO ALLOW TWO-WAY TRAFFIC (UNDER A SEPARATE PROJECT) CITY OF BINGHAMTON, BROOME CO	STBG FLEX 08/2019 LOCAL 08/2019 STBG FLEX 03/2019 LOCAL 03/2019 STBG FLEX 08/2019 LOCAL 08/2019 STBG FLEX 03/2019 STBG FLEX 04/2020 LOCAL 04/2020 STBG FLEX 04/2020 LOCAL 04/2020	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.040 0.010 0.403 0.100	DETLDES DETLDES PRELDDES PRELDDES ROWACQU ROWACQU ROWINCD CONINSP CONINSP CONST CONST	0.024 0.005 0.043 0.010 0.005 0.001 0.002 0.040 0.010 0.403 0.100						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.553		0.090	0.553	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 10 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
Vil of Endicott 975488 SAFETY <Exempt>	THIS SIGNAL UPGRADE PROJECT WILL INCLUDE PEDESTRIAN ACCOMMODATIONS INCLUDING UPGRADED SIGNAL AND ADA COMPLIANT CURB RAMPS AT THE INTERSECTION OF WATSON BLVD AND HAYES AVE IN ORDER TO INCREASE MOBILITY AND SAFETY. VIL OF ENDICOTT, BROOME CO	STBG FLEX 07/2019 LOCAL 07/2019 STBG FLEX 03/2019 LOCAL 03/2019 STBG FLEX 07/2019 LOCAL 07/2019 STBG FLEX 03/2019 LOCAL 03/2019 STBG FLEX 03/2020 LOCAL 03/2020 STBG FLEX 03/2020 LOCAL 03/2020	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.042 0.010 0.372 0.093	DETLDDES DETLDDES PRELDDES PRELDDES ROWACQU ROWACQU ROWINCD ROWINCD CONINSP CONINSP CONST CONST	0.044 0.011 0.016 0.004 0.012 0.003 0.020 0.004 0.042 0.010 0.372 0.093							
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.517		0.114	0.517	0.000	0.000	0.000	0.000	
Broome Co 975489 BRIDGE <Exempt>	THIS PROJECT WILL REPLACE THE DEFICIENT STRUCTURE THAT CARRIES OLD RT 17 (CR 28) BRIDGE (BIN 3350050) OVER HOTCHKISS CRK AND REPLACE THE CHESTNUT ST CULVERT OVER HOTCHKISS CRK WITH A BRIDGE. VIL OF WINDSOR, BROOME CO	STBG-OFF 10/2019 LOCAL 10/2019 STBG-OFF 10/2019 LOCAL 10/2019 STBG-OFF 10/2020 LOCAL 10/2020 STBG-OFF 10/2020 LOCAL 10/2020 STBG-OFF 12/2021 LOCAL 12/2021 STBG-OFF 12/2021 LOCAL 12/2021	0.132 0.033 0.012 0.003 0.128 0.032 0.012 0.003 0.144 0.036 1.280 0.320	PRELDDES PRELDDES ROWINCD ROWINCD DETLDDES DETLDDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST	0.132 0.033 0.012 0.003 0.128 0.032 0.012 0.003 0.144 0.036 1.280 0.320							
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.135		0.000	0.180	0.175	1.780	0.000	0.000	
Tioga Co 975490 BRIDGE <Exempt>	THIS PROJECT WILL REPLACE THE DEFICIENT STRUCTURE THAT CARRIES HARNICK RD OVER APALACHIN CRK. TN OF OWEGO, TIoga Co (BIN 2218720)	STBG-OFF 10/2021 LOCAL 10/2021 STBG-OFF 10/2021 LOCAL 10/2021 STBG-OFF 10/2022 LOCAL 10/2022 STBG-OFF 10/2022 LOCAL 10/2022 STBG-OFF 12/2023 LOCAL 12/2023 STBG-OFF 12/2023 LOCAL 12/2023	0.080 0.020 0.008 0.002 0.136 0.034 0.013 0.003 0.096 0.024 0.960 0.240	PRELDDES PRELDDES ROWINCD ROWINCD DETLDDES DETLDDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST				0.080 0.020 0.008 0.002 0.136 0.034 0.013 0.003 0.096 0.024 0.960 0.240				
AQC:N/A	TIOGA	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.616		0.000	0.000	0.000	0.110	0.186	1.320	

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 11 of 26

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
Broome Co 975491 BRIDGE <Exempt>	THIS PROJECT WILL PROVIDE MINOR REHABILITATION AND PAINTING TO THE DEFICIENT STRUCTURE THAT CARRIES THE COLESVILLE RD EXTENSION (CR177) OVER THE SUSQUEHANNA RIVER IN ORDER TO EXTEND THE LIFE OF THE BRIDGE. TN OF CONKLIN, BROOME CO (BIN 3358690)	STBG FLEX 10/2021 LOCAL 10/2021 STBG FLEX 10/2022 LOCAL 10/2022 STBG FLEX 12/2023 LOCAL 12/2023 STBG FLEX 12/2023 LOCAL 12/2023	0.120 0.030 0.108 0.027 0.136 0.034 1.600 0.400	PRELDDES PRELDDES DETLDES DETLDES CONINSP CONINSP CONST CONST					0.120 0.030 0.108 0.027 0.136 0.034 1.600 0.400			
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.455		0.000	0.000	0.000	0.150	0.135	2.170	0.000
Vil of Johnson City 975492 BRIDGE <Exempt>	THIS PROJECT WILL PROVIDE A NEW CONCRETE DECK ON THE DEFICIENT STRUCTURE THAT CARRIES LESTER AVE OVER THE NORFOLK SOUTHERN RAILROAD IN ORDER TO EXTEND THE LIFE OF THE BRIDGE. VIL OF JOHNSON CITY, BROOME CO (BIN 2225810)	STBG FLEX 05/2021 LOCAL 05/2021 STBG FLEX 10/2020 LOCAL 10/2020 STBG FLEX 10/2020 LOCAL 10/2020 STBG FLEX 05/2021 LOCAL 05/2021 STBG FLEX 12/2021 LOCAL 12/2021 STBG FLEX 12/2021 LOCAL 12/2021	0.123 0.031 0.185 0.046 0.026 0.007 0.008 0.002 0.272 0.068 1.766 0.442	DETLDES DETLDES PRELDDES PRELDDES ROWACQU ROWACQU ROWINCD ROWINCD CONINSP CONINSP CONST CONST				0.123 0.031 0.185 0.046 0.026 0.007 0.008 0.002 0.272 0.068 1.766 0.442				
AQC:N/A	BROOME	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.976		0.000	0.000	0.428	2.548	0.000	0.000	0.000
Vil of Endicott 975493 SAFETY <Exempt>	THIS PROJECT WILL REPLACE TWO DEFICIENT TRAFFIC SIGNALS AT THE INTERSECTIONS OF OAK HILL AVE WITH WITHERILL ST AND WATSON BLVD WITH OAK HILL AVE. VIL OF ENDICOTT, BROOME CO	STBG FLEX 10/2019 LOCAL 10/2019 STBG FLEX 10/2019 LOCAL 10/2019 STBG FLEX 10/2020 LOCAL 10/2020 STBG FLEX 10/2020 LOCAL 10/2020 STBG FLEX 12/2021 LOCAL 12/2021 STBG FLEX 12/2021 LOCAL 12/2021	0.020 0.005 0.038 0.010 0.060 0.015 0.022 0.006 0.068 0.017 0.560 0.140	PRELDDES PRELDDES ROWINCD ROWINCD DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST		0.020 0.005 0.038 0.010 0.060 0.015 0.022 0.006 0.068 0.017 0.560 0.140						
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.961		0.000	0.073	0.103	0.785	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 12 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
Tioga Co 975494 MISC <Exempt>	THIS PROJECT WILL REHABILITATE OR REPLACE DEFICIENT CULVERTS ON VARIOUS FEDERAL AID ELIGIBLE LOCATIONS ON THE LOCAL SYSTEM IN TIOGA COUNTY.	STBG FLEX 12/2021 LOCAL 12/2021 STBG FLEX 12/2021 LOCAL 12/2021 STBG FLEX 03/2022 LOCAL 03/2022 STBG FLEX 10/2021 LOCAL 10/2021	0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDDES PRELDDES					0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004		
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.375		0.000	0.000	0.000	0.375	0.000	0.000
Tioga Co 975495 MISC <Exempt>	THIS PROJECT WILL REHABILITATE OR REPLACE DEFICIENT CULVERTS ON VARIOUS FEDERAL AID ELIGIBLE LOCATIONS ON THE LOCAL SYSTEM IN TIOGA COUNTY.	STBG FLEX 12/2022 LOCAL 12/2022 STBG FLEX 12/2022 LOCAL 12/2022 STBG FLEX 03/2023 LOCAL 03/2023 STBG FLEX 10/2022 LOCAL 10/2022	0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDDES PRELDDES					0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004		
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.375		0.000	0.000	0.000	0.000	0.375	0.000
Tioga Co 975496 MISC <Exempt>	THIS PROJECT WILL REHABILITATE OR REPLACE DEFICIENT CULVERTS ON VARIOUS FEDERAL AID ELIGIBLE LOCATIONS ON THE LOCAL SYSTEM IN TIOGA COUNTY.	STBG FLEX 12/2023 LOCAL 12/2023 STBG FLEX 12/2023 LOCAL 12/2023 STBG FLEX 03/2024 LOCAL 03/2024 STBG FLEX 10/2023 LOCAL 10/2023	0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004	CONINSP CONINSP CONST CONST DETLDES DETLDES PRELDDES PRELDDES						0.024 0.006 0.240 0.060 0.020 0.005 0.016 0.004	
AQC:N/A	TIOGA	TPC: <\$0.75 M	TOTAL 5YR COST :	0.375		0.000	0.000	0.000	0.000	0.375	0.000
NYS DOT 980689 SAFETY <Exempt>	THIS PROJECT WILL REPLACE 3 TRAFFIC SIGNALS. SIGNAL #27 - US 11 @ NY12 & SIGNAL #176 - US 11 WHITNEY POINT CENTRAL SCHOOL IN BROOME COUNTY AND SIGNAL #832 NY42 AT CONCORD ROAD IN SULLIVAN COUNTY.	NHPP 06/2019 SDF 06/2019 STBG FLEX 06/2019 SDF 06/2019 NHPP 06/2019 SDF 06/2019 STBG FLEX 06/2019 SDF 06/2019	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST	0.073 0.018 0.039 0.010 0.728 0.182 0.392 0.098						
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	0.000		1.540	0.000	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 13 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 980722 MOBIL <Exempt>	THIS SAFETY PROJECT WILL IMPROVE AS MANY PEDESTRIAN FACILITIES AS POSSIBLE TO MEET THE SPIRIT AND INTENT OF THE STATES PEDESTRIAN SAFETY ACTION PLAN (PSAP) IN ALL REGION 9 COUNTIES; BROOME, CHENANGO, DELAWARE, OTSEGO, SCHOHARIE, SULLIVAN, AND TIoga	HSIP 06/2019	0.000	CONINSP	0.031						
		SDF 06/2019	0.000	CONINSP	0.004						
		HSIP 06/2019	0.000	CONST	0.316						
		SDF 06/2019	0.000	CONST	0.035						
		HSIP 03/2019	0.000	DETLDES	0.081						
		SDF 03/2019	0.000	DETLDES	0.009						
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.000		0.476	0.000	0.000	0.000	0.000	0.000
NYSDOT 980728 BRIDGE <Exempt>	PROJECT WILL PERFORM SCOUR REPAIRS 7 FEDERAL AID ELIGIBLE STRUCTURES IN BROOME, CHENANGO, DELAWARE, SCHOHARIE, AND SULLIVAN COS IN ORDER TO EXTEND THEIR SERVICE LIFE (BINS: 1030410, 1009360, 1018740, 1007740, 1038240, 1026580, 1035430).	STBG FLEX 01/2019	0.000	PRELDDES	0.012						
		SDF 01/2019	0.000	PRELDDES	0.003						
		STBG FLEX 06/2020	0.012	ROWINCD		0.012					
		SDF 06/2020	0.003	ROWINCD		0.003					
		NHPP 09/2021	0.003	CONINSP		0.001					
		SDF 09/2021	0.001	CONINSP		0.037					
		STBG FLEX 09/2021	0.037	CONINSP		0.009					
		SDF 09/2021	0.009	CONINSP		0.032					
		NHPP 09/2021	0.032	CONST		0.008					
		SDF 09/2021	0.008	CONST		0.368					
		STBG FLEX 09/2021	0.368	CONST		0.092					
		SDF 09/2021	0.092	CONST		0.128					
		STBG FLEX 11/2020	0.128	DETLDES		0.032					
		SDF 11/2020	0.032	DETLDES		0.008					
		STBG FLEX 11/2020	0.008	ROWACQU		0.002					
		SDF 11/2020	0.002	ROWACQU							
AQC:N/A	MULTI	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	0.735		0.015	0.015	0.720	0.000	0.000	0.000
NYSDOT 980730 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT OVERHEAD SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN BROOME AND SULLIVAN CO	NHPP 04/2022	0.160	DETLDES				0.160			
		SDF 04/2022	0.040	DETLDES		0.040					
		NHPP 10/2021	0.240	PRELDDES		0.240					
		SDF 10/2021	0.060	PRELDDES		0.060					
		NHPP 06/2023	0.200	CONINSP		0.200					
		SDF 06/2023	0.050	CONINSP		0.050					
		NHPP 06/2023	2.000	CONST		2.000					
		SDF 06/2023	0.500	CONST		0.500					
AQC:N/A	MULTI	TPC: \$2-\$4 M	TOTAL 5YR COST :	3.250		0.000	0.000	0.000	0.500	2.750	0.000
NYSDOT 9ADA20 MOBIL <Exempt>	THIS PROJECT WAS DEVELOPED TO REMOVE AND REPLACE CURB RAMPS AND SIDEWALKS THAT ARE NOT IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9.	STBG FLEX 07/2020	0.120	CONINSP		0.120					
		SDF 07/2020	0.030	CONINSP		0.030					
		STBG FLEX 07/2020	1.200	CONST		1.200					
		SDF 07/2020	0.300	CONST		0.300					
		STBG FLEX 12/2019	0.067	DETLDES		0.067					
		SDF 12/2019	0.017	DETLDES		0.017					
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.734		0.000	1.734	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 14 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9ADA22 MOBIL <Exempt>	THIS PROJECT WAS DEVELOPED TO REMOVE AND REPLACE CURB RAMPS AND SIDEWALKS THAT ARE NOT IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9.	SDF 03/2019 SDF 03/2019 SDF 09/2021 SDF 09/2021 STBG FLEX 07/2022 SDF 07/2022 STBG FLEX 07/2022 SDF 07/2022	0.000 0.000 0.160 0.028 0.104 0.026 1.040 0.260	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.240 0.014			0.160 0.028	0.104 0.026 1.040 0.260		
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.618		0.254	0.000	0.188	1.430	0.000	0.000
NYSDOT 9ADA24 MOBIL <Exempt>	THIS PROJECT WAS DEVELOPED TO REMOVE AND REPLACE CURB RAMPS AND SIDEWALKS THAT ARE NOT IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9.	SDF 03/2021 SDF 03/2021 SDF 09/2023 SDF 09/2023 STBG FLEX 07/2024 SDF 07/2024 STBG FLEX 07/2024 SDF 07/2024	0.240 0.014 0.160 0.028 0.120 0.030 1.200 0.300	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST				0.240 0.014	0.160 0.028	0.120 0.030 1.200 0.300	
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	2.092		0.000	0.000	0.254	0.000	0.188	1.650
NYSDOT 9FAS20 SAFETY <Exempt>	THIS SIGNAL PROJECT WILL REPLACE THE DEFICIENT TRAFFIC SIGNAL ON RTE 434 AT CLAYTON AVE. IN ADDITION, PEDESTRIAN ACCOMODATIONS WILL BE UPDATED THROUGHOUT THE PROJECT LOCATION TO MEET ADA STANDARDS. TN OF VESTAL, BROOME CO	SDF 03/2020 SDF 03/2020 STBG FLEX 12/2020 SDF 12/2020 STBG FLEX 12/2020 SDF 12/2020	0.250 0.016 0.112 0.028 1.120 0.280	DETLDES ROWACQU CONINSP CONINSP CONST CONST		0.250 0.016		0.112 0.028 1.120 0.280			
AQC:N/A	BROOME	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.806		0.000	0.266	1.540	0.000	0.000	0.000
NYSDOT 9FAS21 SAFETY <Exempt>	THIS SIGNAL PROJECT WILL MODIFY OR REPLACE DEFICIENT TRAFFIC SIGNALS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 10/2018 SDF 10/2018 SDF 11/2019 SDF 11/2019 STBG FLEX 10/2020 SDF 10/2020 STBG FLEX 10/2020 SDF 10/2020	0.000 0.000 0.112 0.016 0.112 0.028 1.120 0.280	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.168 0.007		0.112 0.016	0.112 0.028 1.120 0.280			
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.668		0.175	0.128	1.540	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 15 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9FAS22 SAFETY <Exempt>	THIS SIGNAL PROJECT WILL MODIFY OR REPLACE DEFICIENT TRAFFIC SIGNALS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 10/2019 SDF 10/2019 SDF 11/2020 SDF 11/2020 STBG FLEX 10/2021 SDF 10/2021 STBG FLEX 10/2021 SDF 10/2021	0.336 0.014 0.224 0.032 0.240 0.060 2.400 0.600	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST		0.336 0.014	0.224 0.032	0.240 0.060 2.400 0.600			
AQC:N/A	MULTI	TPC: \$3.3-\$5.6 M	TOTAL 5YR COST :	3.906		0.000	0.350	0.256	3.300	0.000	0.000
NYSDOT 9FAS24 SAFETY <Exempt>	THIS SIGNAL PROJECT WILL MODIFY OR REPLACE DEFICIENT TRAFFIC SIGNALS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 10/2021 SDF 10/2021 SDF 11/2022 SDF 11/2022 STBG FLEX 10/2023 SDF 10/2023 STBG FLEX 10/2023 SDF 10/2023	0.336 0.014 0.224 0.032 0.240 0.060 2.400 0.600	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST				0.336 0.014	0.224 0.032	0.240 0.060 2.400 0.600	
AQC:N/A	MULTI	TPC: \$3.3-\$5.6 M	TOTAL 5YR COST :	3.906		0.000	0.000	0.000	0.350	0.256	3.300
NYSDOT 9ITS20 TRAFFIC <Exempt>	PROJECT WILL BE USED TO FUND THE OPERATION OF THE TRANSPORTATION OPERATIONS CENTER (TOC), & TO FUND ITS EXPENSES, FROM 4/1/2020 TO 3/31/2021. BINGHAMTON URBAN AREA, BROOME CO	NHPP 04/2020 SDF 04/2020	0.800 0.200	OPER OPER		0.800 0.200					
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.000		0.000	1.000	0.000	0.000	0.000	0.000
NYSDOT 9ITS21 TRAFFIC <Exempt>	PROJECT WILL BE USED TO FUND THE OPERATION OF THE TRANSPORTATION OPERATIONS CENTER (TOC), AND TO FUND ITS EXPENSES FROM 4/1/2021 TO 3/31/2022, BINGHAMTON URBAN AREA, BROOME CO	NHPP 04/2021 SDF 04/2021	0.800 0.200	OPER OPER			0.800 0.200				
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.000		0.000	0.000	1.000	0.000	0.000	0.000
NYSDOT 9ITS22 TRAFFIC <Exempt>	PROJECT WILL BE USED TO FUND THE OPERATION OF THE TRANSPORTATION OPERATIONS CENTER (TOC), AND TO FUND ITS EXPENSES, FROM 4/1/2022 TO 3/31/2023. BINGHAMTON URBAN AREA, BROOME CO	NHPP 04/2022 SDF 04/2022	0.800 0.200	OPER OPER				0.800 0.200			
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.000		0.000	0.000	0.000	1.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 16 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
NYSDOT 9ITS23 TRAFFIC <Exempt>	PROJECT WILL BE USED TO FUND THE OPERATION OF THE TRANSPORTATION OPERATIONS CENTER (TOC), AND TO FUND ITS EXPENSES, FROM 4/1/2023 TO 3/31/2024. BINGHAMTON URBAN AREA, BROOME CO	NHPP 04/2023 SDF 04/2023	0.800 0.200	OPER OPER						0.800 0.200		
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.000		0.000	0.000	0.000	0.000	1.000	0.000	0.000
NYSDOT 9ITS24 TRAFFIC <Exempt>	PROJECT WILL BE USED TO FUND THE OPERATION OF THE TRANSPORTATION OPERATIONS CENTER (TOC), AND TO FUND ITS EXPENSES, FROM 4/1/2024 TO 3/31/2025. BINGHAMTON URBAN AREA, BROOME CO	NHPP 04/2024 SDF 04/2024	0.800 0.200	OPER OPER						0.800 0.200		
AQC:N/A	BROOME	TPC: \$0.6-\$1.5 M	TOTAL 5YR COST :	1.000		0.000	0.000	0.000	0.000	1.000	0.000	0.000
NYSDOT 9JOB0B BRIDGE <Exempt>	THIS JOB ORDER CONTRACT FOR BRIDGES IS A PREVENTIVE MAINTENANCE TYPE PROJECT WHICH IS USED TO REPAIR BRIDGES INCLUDING BEARINGS, PEDESTALS JOINTS AND APPROACH SLABS THROUGHOUT REGION 9. (BLOCK FUND)	STBG FLEX 02/2020 SDF 02/2020 STBG FLEX 02/2021 SDF 02/2021 STBG FLEX 02/2022 SDF 02/2022 STBG FLEX 02/2023 SDF 02/2023 STBG FLEX 02/2024 SDF 02/2024	2.640 0.660 2.640 0.660 2.640 0.660 2.640 0.660 2.640 0.660	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC		2.640 0.660		2.640 0.660	2.640 0.660	2.640 0.660	2.640 0.660	
AQC:N/A	MULTI	TPC: \$15-\$25 M	TOTAL 5YR COST :	16.500		0.000	3.300	3.300	3.300	3.300	3.300	0.000
NYSDOT 9LSS21 MISC <Exempt>	LANDSCAPING AND STORMWATER CONTRACT FFY21. VARIOUS FEDERAL-AID ELIGIBLE LOCATIONS, REGION 9.	SDF 01/2019 SDF 01/2019 SDF 03/2020 SDF 03/2020 STBG FLEX 07/2021 SDF 07/2021 STBG FLEX 07/2021 SDF 07/2021	0.000 0.000 0.030 0.016 0.012 0.003 0.120 0.030	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.020 0.007		0.030 0.016		0.012 0.003 0.120 0.030			
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.211		0.027	0.046	0.165	0.000	0.000	0.000	0.000
NYSDOT 9LSS23 MISC <Exempt>	LANDSCAPING & STORMWATER CONTRACT FFY23. VARIOUS FEDERAL-AID ELIGIBLE LOCATIONS, REGION 9.	SDF 02/2021 SDF 02/2021 SDF 03/2022 SDF 03/2022 STBG FLEX 07/2023 SDF 07/2023 STBG FLEX 07/2023 SDF 07/2023	0.020 0.007 0.030 0.016 0.012 0.003 0.120 0.030	PRELDDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST			0.020 0.007		0.030 0.016	0.012 0.003 0.120 0.030		
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.238		0.000	0.000	0.027	0.046	0.165	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 17 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9M1020 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 06/2019 SDF 03/2019 NHPP 12/2019 SDF 12/2019 NHPP 12/2019 SDF 12/2019	0.000 0.000 0.120 0.030 1.240 0.310	DETLDES PRELDES CONINSP CONINSP CONST CONST	0.040 0.010 0.120 0.030 1.240 0.310						
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.700		0.050	1.700	0.000	0.000	0.000	0.000
NYSDOT 9M1021 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 04/2020 SDF 12/2019 NHPP 10/2020 SDF 10/2020 NHPP 10/2020 SDF 10/2020	0.040 0.010 0.120 0.030 1.240 0.310	DETLDES PRELDES CONINSP CONINSP CONST CONST		0.040 0.010 0.120 0.030 1.240 0.310					
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.750		0.000	0.050	1.700	0.000	0.000	0.000
NYSDOT 9M1022 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 04/2021 SDF 12/2020 NHPP 10/2021 SDF 10/2021 NHPP 10/2021 SDF 10/2021	0.040 0.010 0.120 0.030 1.240 0.310	DETLDES PRELDES CONINSP CONINSP CONST CONST			0.040 0.010 0.120 0.030 1.240 0.310				
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.750		0.000	0.000	0.050	1.700	0.000	0.000
NYSDOT 9M1023 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 12/2021 SDF 04/2022 NHPP 10/2022 SDF 10/2022 NHPP 10/2022 SDF 10/2022	0.040 0.010 0.120 0.030 1.240 0.310	DETLDES PRELDES CONINSP CONINSP CONST CONST				0.040 0.010 0.120 0.030 1.240 0.310			
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.750		0.000	0.000	0.000	0.050	1.700	0.000
NYSDOT 9M1024 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 04/2023 SDF 12/2022 NHPP 10/2023 SDF 10/2023 NHPP 10/2023 SDF 10/2023	0.040 0.010 0.120 0.030 1.240 0.310	DETLDES PRELDES CONINSP CONINSP CONST CONST				0.040 0.010 0.120 0.030 1.240 0.310			
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.750		0.000	0.000	0.000	0.050	1.700	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 18 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9M1025 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BRIDGE WASHING PROJECT WILL WASH BRIDGES TO HELP EXTEND THEIR USEFUL SERVICE LIFE, VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9	SDF 12/2023 SDF 12/2023	0.040 0.010	DETLDES PRELDES						0.040 0.010	
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	0.050		0.000	0.000	0.000	0.000	0.050	0.000
NYSDOT 9PM020 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 05/2019 SDF 03/2019 STBG FLEX 01/2020 SDF 01/2020 STBG FLEX 01/2020 SDF 01/2020	0.000 0.000 0.224 0.056 2.240 0.560	DETLDES PRELDES CONINSP CONINSP CONST CONST	0.200 0.020 0.224 0.056 2.240 0.560						
AQC:N/A	MULTI	TPC: \$2-\$4 M	TOTAL 5YR COST :	3.080		0.220	3.080	0.000	0.000	0.000	0.000
NYSDOT 9PM021 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 05/2020 SDF 03/2020 NHPP 01/2021 SDF 01/2021 NHPP 01/2021 SDF 01/2021	0.100 0.010 0.148 0.028 1.484 0.276	DETLDES PRELDES CONINSP CONINSP CONST CONST	0.100 0.010 0.148 0.028 1.484 0.276						
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	2.046		0.000	0.110	1.936	0.000	0.000	0.000
NYSDOT 9PM022 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 05/2021 SDF 03/2021 STBG FLEX 01/2022 SDF 01/2022 STBG FLEX 01/2022 SDF 01/2022	0.100 0.010 0.112 0.028 1.120 0.280	DETLDES PRELDES CONINSP CONINSP CONST CONST	0.100 0.010 0.112 0.028 1.120 0.280						
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.650		0.000	0.000	0.110	1.540	0.000	0.000
NYSDOT 9PM023 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 05/2022 SDF 03/2022 NHPP 01/2023 SDF 01/2023 NHPP 01/2023 SDF 01/2023	0.100 0.010 0.170 0.030 1.700 0.300	DETLDES PRELDES CONINSP CONINSP CONST CONST	0.100 0.010 0.170 0.030 1.700 0.300						
AQC:N/A	MULTI	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.310		0.000	0.000	0.000	0.110	2.200	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 19 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
NYSDOT 9PM024 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 05/2023 SDF 03/2023 STBG FLEX 01/2024 SDF 01/2024 STBG FLEX 01/2024 SDF 01/2024	0.200 0.020 0.224 0.056 2.240 0.560	DETLDES PRELDES CONINSP CONINSP CONST CONST					0.200 0.020	0.224 0.056 2.240 0.560		
AQC:N/A	MULTI	TPC: \$2-\$4 M	TOTAL 5YR COST :	3.300		0.000	0.000	0.000	0.000	0.220	3.080	0.000
NYSDOT 9PM025 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL BE USED TO REPLACE WORN OR MISSING PAVEMENT MARKINGS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9.	SDF 03/2024 SDF 03/2024	0.100 0.010	DETLDES PRELDES						0.100 0.010		
AQC:N/A	MULTI	TPC: \$2-\$4 M	TOTAL 5YR COST :	0.110		0.000	0.000	0.000	0.000	0.000	0.110	0.000
NYSDOT 9RWS21 MISC <Exempt>	THIS PROJECT WILL REPAIR OR REPLACE EXISTING RETAINING WALLS IN NEED OF MAINTENANCE AS WELL AS INSTALL NEW WALLS OR STABILIZATION DEVICES ON THE ROADSIDE WHERE NECESSARY TO PROTECT THE ROADWAY. VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9.	SDF 01/2019 SDF 01/2019 SDF 03/2020 SDF 03/2020 STBG FLEX 07/2021 SDF 07/2021 STBG FLEX 07/2021 SDF 07/2021	0.000 0.000 0.100 0.016 0.120 0.030 1.200 0.300	PRELDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.150 0.007 0.100 0.016 0.120 0.030 1.200 0.300							
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.766		0.157	0.116	1.650	0.000	0.000	0.000	0.000
NYSDOT 9RWS23 MISC <Exempt>	THIS PROJECT WILL REPAIR OR REPLACE EXISTING RETAINING WALLS IN NEED OF MAINTENANCE AS WELL AS INSTALL NEW WALLS OR STABILIZATION DEVICES ON THE ROADSIDE WHERE NECESSARY TO PROTECT THE ROADWAY. VARIOUS FEDERAL AID ELIGIBLE LOCATIONS, REGION 9.	SDF 02/2021 SDF 02/2021 SDF 03/2022 SDF 03/2022 STBG FLEX 07/2023 SDF 07/2023 STBG FLEX 07/2023 SDF 07/2023	0.150 0.007 0.100 0.016 0.120 0.030 1.200 0.300	PRELDES ROWINCD DETLDES ROWACQU CONINSP CONINSP CONST CONST	0.150 0.007 0.100 0.016 0.120 0.030 1.200 0.300							
AQC:N/A	MULTI	TPC: \$1.2-\$2.5 M	TOTAL 5YR COST :	1.923		0.000	0.000	0.157	0.116	1.650	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 20 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
NYSDOT 9T730B R&P <Exempt>	THIS CONTRACT WILL REHABILITATE PAVEMENTS DUE TO POOR SURFACE CONDITIONS WITH SINGLE OR TWO COURSE OVERLAYS IN ORDER TO BRING THE PAVEMENT TO A STATE OF GOOD REPAIR. VARIOUS FEDERAL AID ELIGIBLE ROUTES, REGION 9 (BLOCK FUND)	SDF 01/2020	1.327	MISC		1.327						
		NHPP 01/2020	3.914	MISC		3.914						
		SDF 01/2020	0.714	MISC		0.714						
		STBG FLEX 01/2020	9.010	MISC		9.010						
		SDF 01/2020	2.250	MISC		2.250						
		SDF 01/2021	1.240	MISC		1.240						
		NHPP 01/2021	12.014	MISC		12.014						
		SDF 01/2021	2.122	MISC		2.122						
		STBG FLEX 01/2021	11.100	MISC		11.100						
		SDF 01/2021	2.785	MISC		2.785						
		SDF 01/2022	1.240	MISC		1.240						
		NHPP 01/2022	11.313	MISC		11.313						
		SDF 01/2022	1.998	MISC		1.998						
		STBG FLEX 01/2022	10.440	MISC		10.440						
		SDF 01/2022	2.610	MISC		2.610						
		SDF 01/2023	1.240	MISC		1.240						
		NHPP 01/2023	11.313	MISC		11.313						
		SDF 01/2023	1.998	MISC		1.998						
		STBG FLEX 01/2023	10.440	MISC		10.440						
		SDF 01/2023	2.610	MISC		2.610						
		SDF 01/2024	1.240	MISC		1.240						
		NHPP 01/2024	11.313	MISC		11.313						
		SDF 01/2024	1.998	MISC		1.998						
		STBG FLEX 01/2024	10.440	MISC		10.440						
		SDF 01/2024	2.610	MISC		2.610						
AQC:N/A	MULTI	TPC: \$100-\$225 M		TOTAL 5YR COST :	129.279		0.000	17.215	29.261	27.601	27.601	27.601
NYSDOT 9TBP20 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 06/2019	0.000	DETLDES	0.080							
		SDF 06/2019	0.000	DETLDES	0.020							
		STBG FLEX 04/2019	0.000	PRELDES	0.020							
		SDF 04/2019	0.000	PRELDES	0.005							
		NHPP 12/2019	0.160	CONINSP		0.160						
		SDF 12/2019	0.040	CONINSP		0.040						
		STBG FLEX 12/2019	0.160	CONINSP		0.160						
		SDF 12/2019	0.040	CONINSP		0.040						
		NHPP 12/2019	1.600	CONST		1.600						
		SDF 12/2019	0.400	CONST		0.400						
AQC:N/A	MULTI	TPC: \$3.3-\$5.6 M		TOTAL 5YR COST :	4.400		0.125	4.400	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 21 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9TBP21 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 01/2020 SDF 01/2020 STBG FLEX 01/2020 SDF 01/2020 NHPP 10/2020 SDF 10/2020 STBG FLEX 10/2020 SDF 10/2020 NHPP 10/2020 SDF 10/2020 STBG FLEX 10/2020 SDF 10/2020	0.080 0.020 0.020 0.005 0.300 0.075 0.180 0.045 3.000 0.750 1.800 0.450	DETLD ^E S DETLD ^E S PRELD ^E S PRELD ^E S CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.080 0.020 0.020 0.005 0.300 0.075 0.180 0.045 3.000 0.750 1.800 0.450					
AQC:N/A	MULTI	TPC: \$6-\$9.4 M	TOTAL 5YR COST :	6.725		0.000	0.125	6.600	0.000	0.000	0.000
NYSDOT 9TBP22 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 01/2021 SDF 01/2021 STBG FLEX 10/2020 SDF 10/2020 NHPP 10/2021 SDF 10/2021 STBG FLEX 10/2021 SDF 10/2021 NHPP 10/2021 SDF 10/2021 STBG FLEX 10/2021 SDF 10/2021	0.080 0.020 0.020 0.005 0.300 0.075 0.180 0.045 3.000 0.750 1.800 0.450	DETLD ^E S DETLD ^E S PRELD ^E S PRELD ^E S CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.080 0.020 0.020 0.005 0.300 0.075 0.180 0.045 3.000 0.750 1.800 0.450					
AQC:N/A	MULTI	TPC: \$6-\$9.4 M	TOTAL 5YR COST :	6.725		0.000	0.000	0.125	6.600	0.000	0.000
NYSDOT 9TBP23 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 01/2022 SDF 01/2022 STBG FLEX 10/2021 SDF 10/2021 NHPP 10/2022 SDF 10/2022 STBG FLEX 10/2022 SDF 10/2022 NHPP 10/2022 SDF 10/2022 STBG FLEX 10/2022 SDF 10/2022	0.080 0.020 0.020 0.005 0.240 0.060 0.240 0.060 2.400 0.600 2.400 0.600	DETLD ^E S DETLD ^E S PRELD ^E S PRELD ^E S CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.080 0.020 0.020 0.005 0.240 0.060 0.240 0.060 2.400 0.600 2.400 0.600					
AQC:N/A	MULTI	TPC: \$6-\$9.4 M	TOTAL 5YR COST :	6.725		0.000	0.000	0.000	0.125	6.600	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 22 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
NYSDOT 9TBP24 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 01/2023 SDF 01/2023 STBG FLEX 10/2022 SDF 10/2022 NHPP 10/2023 SDF 10/2023 STBG FLEX 10/2023 SDF 10/2023 NHPP 10/2023 SDF 10/2023 STBG FLEX 10/2023 SDF 10/2023	0.080 0.020 0.020 0.005 0.240 0.060 0.240 0.060 2.400 0.600 2.400 0.600	DETLDES DETLDES PRELDES PRELDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST					0.080 0.020 0.020 0.005 0.240 0.060 0.240 0.060 2.400 0.600 2.400 0.600			
AQC:N/A	MULTI	TPC: \$6-\$9.4 M	TOTAL 5YR COST :	6.725		0.000	0.000	0.000	0.000	0.125	6.600	0.000
NYSDOT 9TBP25 BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL PAINT BRIDGES AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 TO EXTEND THE SERVICE LIFE OF THE BRIDGES.	STBG FLEX 01/2024 SDF 01/2024 STBG FLEX 10/2023 SDF 10/2023	0.080 0.020 0.020 0.005	DETLDES DETLDES PRELDES PRELDES						0.080 0.020 0.020 0.005		
AQC:N/A	MULTI	TPC: \$6-\$9.4 M	TOTAL 5YR COST :	0.125		0.000	0.000	0.000	0.000	0.125	0.000	
NYSDOT 9TCR21 MISC <Exempt>	THIS PROJECT WILL REPLACE 5 DEFICIENT CULVERTS IN ORDER TO EXTEND THEIR SERVICE LIFE. 1 CULVERT IN THE TN OF MAINE, BROOME CO (C910122); 3 CULVERTS IN THE TN OF N. NORWICH & COVENTRY, CHENANGO CO (C920060, C920061,C920116), & 1 CULVERT IN THE TN OF NEVERSINK, SULLIVAN CO (C970027).	STBG FLEX 10/2019 SDF 10/2019 STBG FLEX 10/2019 SDF 10/2019 NHPP 03/2021 SDF 03/2021 STBG FLEX 03/2021 SDF 03/2021 NHPP 03/2021 SDF 03/2021 STBG FLEX 03/2021 SDF 03/2021	0.256 0.064 0.120 0.030 0.104 0.026 0.176 0.044 1.040 0.260 1.760 0.440	DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST		0.256 0.064 0.120 0.030 0.104 0.026 0.176 0.044 1.040 0.260 1.760 0.440						
AQC:N/A	MULTI	TPC: \$4.6-\$7.5 M	TOTAL 5YR COST :	4.320		0.000	0.470	3.850	0.000	0.000	0.000	

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 23 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
NYSDOT 9TCR23 MISC <Exempt>	THIS PROJECT WILL REHABILITATE OR REPLACE DEFICIENT CULVERTS IN VARIOUS FEDERAL AID ELIGIBLE RURAL LOCATIONS IN REGION 9 IN ORDER TO EXTEND THEIR SERVICE LIFE.	STBG FLEX 10/2019 SDF 10/2019 STBG FLEX 10/2019 SDF 10/2019 STBG FLEX 07/2021 SDF 07/2021 STBG FLEX 07/2021 SDF 07/2021 STBG FLEX 12/2022 SDF 12/2022 STBG FLEX 12/2022 SDF 12/2022	0.404 0.101 0.048 0.012 0.256 0.064 0.120 0.030 0.198 0.049 1.978 0.494	PRELDDES PRELDDES ROWINCD ROWINCD DETLDES DETLDES ROWACQU ROWACQU CONINSP CONINSP CONST CONST		0.404 0.101 0.048 0.012 0.256 0.064 0.120 0.030 0.198 0.049 1.978 0.494						
AQC:N/A	MULTI	TPC: \$3.3-\$5.6 M	TOTAL 5YR COST :	3.754		0.000	0.565	0.470	0.000	2.719	0.000	0.000
NYSDOT 9TCR25 MISC <Exempt>	THIS PROJECT WILL REHABILITATE OR REPLACE DEFICIENT CULVERTS IN VARIOUS FEDERAL AID ELIGIBLE LOCATIONS IN REGION 9 IN ORDER TO EXTEND THEIR SERVICE LIFE.	STBG FLEX 08/2021 SDF 08/2021 STBG FLEX 08/2021 SDF 08/2021 STBG FLEX 03/2021 SDF 03/2021 STBG FLEX 07/2023 SDF 07/2023 STBG FLEX 07/2023 SDF 07/2023	0.384 0.096 0.048 0.012 0.020 0.005 0.256 0.064 0.120 0.030	PRELDDES PRELDDES ROWINCD ROWINCD SCOPING SCOPING DETLDES DETLDES ROWACQU ROWACQU		0.384 0.096 0.048 0.012 0.020 0.005 0.256 0.064 0.120 0.030						
AQC:N/A	MULTI	TPC: \$4.6-\$7.5 M	TOTAL 5YR COST :	1.035		0.000	0.000	0.565	0.000	0.470	0.000	0.000
NYSDOT 9TGD22 SAFETY <Exempt>	THIS PREVENTATIVE MAINTENANCE PROJECT WILL REPLACE DETERIORATED AND NON-STANDARD GUIDERAIL AND DRAINAGE AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS ALONG STATE HIGHWAYS IN TIOGA CO	SDF 11/2019 SDF 12/2020 STBG FLEX 11/2021 SDF 11/2021 STBG FLEX 11/2021 SDF 11/2021	0.030 0.120 0.200 0.050 2.000 0.500	PRELDDES DETLDES CONINSP CONINSP CONST CONST	0.030 0.120 0.200 0.050 2.000 0.500							
AQC:N/A	TIOGA	TPC: \$2-\$4 M	TOTAL 5YR COST :	2.900		0.000	0.030	0.120	2.750	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

Friday, June 14, 2019

Page 24 of 26

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9TGR0B BRIDGE <Exempt>	THIS PREVENTIVE MAINTENANCE BLOCK WILL COMPLETE GENERAL REPAIRS ON BRIDGES ON FEDERAL AID ELIGIBLE ROUTES IN ORDER TO EXTEND THE USEFUL LIFE OF THE STRUCTURES. VARIOUS LOCATIONS, REGION 9. (BLOCK FUND)	STBG FLEX 01/2020 SDF 01/2020 NHPP 01/2021 SDF 01/2021 STBG FLEX 01/2021 SDF 01/2021 NHPP 01/2022 SDF 01/2022 STBG FLEX 01/2022 SDF 01/2022 NHPP 01/2023 SDF 01/2023 NHPP 01/2024 SDF 01/2024	2.060 0.516 7.715 1.929 0.544 0.136 7.750 1.938 3.168 0.880 10.918 2.730 10.918 2.730	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC		2.060 0.516 7.715 1.929 0.544 0.136 7.750 1.938 3.168 0.880 10.918 2.730 10.918 2.730					
AQC:N/A	MULTI	TPC: \$50-\$85 M	TOTAL 5YR COST :	53.932		0.000	2.576	10.324	13.736	13.648	13.648
NYSDOT 9TSB0B SAFETY <Exempt>	THIS SAFETY BLOCK WILL USE HSIP FUNDS TO PROGRESS FUTURE PROJECTS THAT ARE MOST LIKELY TO REDUCE THE NUMBER OF, OR POTENTIAL FOR, FATALITIES AND SERIOUS INJURIES. (BLOCK FUND)	HSIP 01/2020 SDF 01/2020 HSIP 01/2021 SDF 01/2021 HSIP 01/2022 SDF 01/2022 HSIP 01/2023 SDF 01/2023 HSIP 01/2024 SDF 01/2024	0.900 0.100 2.741 0.309 3.465 0.385 3.330 0.370 2.160 0.240	MISC MISC MISC MISC MISC MISC MISC MISC MISC MISC		0.900 0.100 2.741 0.309 3.465 0.385 3.330 0.370 2.160 0.240					
AQC:N/A	MULTI	TPC: \$12.5-\$19 M	TOTAL 5YR COST :	14.000		0.000	1.000	3.050	3.850	3.700	2.400
NYSDOT 9TSR20 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	NHPP 06/2019 SDF 06/2019 STBG FLEX 06/2019 SDF 06/2019 NHPP 06/2019 SDF 06/2019 STBG FLEX 06/2019 SDF 06/2019 SDF 03/2019 SDF 02/2019	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST DETLDES PRELDES	0.016 0.004 0.008 0.002 0.160 0.040 0.080 0.020 0.025 0.005						
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.000		0.360	0.000	0.000	0.000	0.000	0.000

**** Binghamton Metropolitan Transportation Study ****

Friday, June 14, 2019

Page 25 of 26

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9TSR22 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 04/2020 NHPP 06/2021 SDF 06/2021 STBG FLEX 06/2021 SDF 06/2021 NHPP 06/2021 SDF 06/2021 STBG FLEX 06/2021 SDF 06/2021 SDF 11/2020	0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025	PRELDDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST CONST DETLDES		0.005	0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025				
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.415		0.000	0.005	0.410	0.000	0.000	0.000
NYSDOT 9TSR23 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 01/2021 SDF 07/2021 NHPP 06/2022 SDF 06/2022 STBG FLEX 06/2022 SDF 06/2022 NHPP 06/2022 SDF 06/2022 STBG FLEX 06/2022 SDF 06/2022	0.025 0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020	DETLDES PRELDDES CONINSP CONINSP CONINSP CONST CONST CONST CONST			0.025 0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020				
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.415		0.000	0.000	0.030	0.385	0.000	0.000
NYSDOT 9TSR24 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 04/2022 NHPP 06/2023 SDF 06/2023 STBG FLEX 06/2023 SDF 06/2023 NHPP 06/2023 SDF 06/2023 STBG FLEX 06/2023 SDF 06/2023 SDF 11/2022	0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025	PRELDDES CONINSP CONINSP CONINSP CONST CONST CONST CONST CONST DETLDES				0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025			
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.415		0.000	0.000	0.000	0.005	0.410	0.000

**** Binghamton Metropolitan Transportation Study ****

Page 26 of 26

Friday, June 14, 2019

TIP Format Report for Selected Projects on Draft Program

FHWA funded TIP Projects 2020-2024

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, 2019						
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024
AQ CODE	COUNTY	TOTAL PROJECT COST									
NYSDOT 9TSR25 SAFETY <Exempt>	THIS PREVENTIVE MAINTENANCE PROJECT WILL MODIFY OR REPLACE DEFICIENT SIGNS AT VARIOUS FEDERAL AID ELIGIBLE LOCATIONS THROUGHOUT REGION 9.	SDF 04/2023 NHPP 06/2024 SDF 06/2024 STBG FLEX 06/2024 SDF 06/2024 NHPP 06/2024 SDF 06/2024 STBG FLEX 06/2024 SDF 06/2024 SDF 11/2023	0.005 0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025	PRELDDES CONINSP CONINSP CONINSP CONINSP CONST CONST CONST DETLDES					0.005	0.020 0.005 0.008 0.002 0.200 0.050 0.080 0.020 0.025	
AQC:N/A	MULTI	TPC: <\$0.75 M	TOTAL 5YR COST :	0.415		0.000	0.000	0.000	0.000	0.005	0.410 0.000

URBAN TRANSIT ELEMENT

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act, reauthorizing surface transportation programs through Federal Fiscal Year 2020. In general, there were not many significant changes to the federal transit programs that pertain to the Binghamton Urban Area. Any substantial changes will be noted in the program descriptions below. The preceding legislation, MAP-21, produced several significant changes in the structure of the Federal transit program since SAFETEA-LU and when that program structure was established by ISTEA. Some programs were eliminated and incorporated into existing programs, and planning requirements had minor changes. The most important planning requirement is the function of the MPO to coordinate among transit operators and the state. BMTS Central Staff, NYSDOT, and the Broome County officials responsible for the provision of public transportation have increased coordination to insure the proper consideration of public transit in the metropolitan transportation system and in TIP projects.

The Urban Transit Element of the TIP must include all projects within the urban area to be funded under §5307, 5310, and 5339 of the FTA program. Section 5307 (Urbanized Areas Formula Program Grants) is a general fund block grant that provides the major source of funding for urban bus systems. It can be used for both capital purchases and operating subsidies. The program remains largely unchanged. The FAST Act continues the eligibility of activities under the former Jobs Access Reverse Commute (JARC – Section 5316) program, to facilitate the provision of transportation services to low-income people entering the workforce, under the urbanized area formula program. This includes operating assistance with a 50% local match for employment-related activities. In addition, the urbanized area formula for distributing funds continues to include the number of low-income individuals as a factor. There is no floor or ceiling on the amounts that can be spent on job access and reverse commute activities. Additionally, these funds are not subject to the coordinated planning process nor do they require a solicitation to program the funds.

Section 5310 (Enhanced Mobility of Seniors and Individuals with Disabilities) program provides formula funding to increase the mobility of seniors and persons with disabilities. Funds are apportioned based on each State's share of the targeted populations and are apportioned to both State (for all areas under 200,000) and large urbanized areas (over 200,000). Services to those with disabilities that go above and beyond the requirements of the Americans with Disabilities Act (ADA) are also eligible to be funded under this program.

Projects awarded 5310 funds must be in the Coordinated Human Service and Public Transportation Plan. Operating assistance is an eligible expense for 5310. The program requires 55% of funding be planned and spent on projects that serve seniors and individuals with disabilities where public transit is not appropriate to serve their needs. The remainder of the funding can be used to initiate projects over and above ADA requirements to improve access to public transportation for individuals with disabilities. Funding levels are determined by statistics from the American Community Survey (ACS) rolling five-year program and will be updated each year for the subsequent apportionments.

Since the funds are apportioned to the urban areas, NYSDOT was determined to be the Designated Recipient for small urban areas, but the apportioned funds must stay within the urban area where it was originally allocated.

Section 5339 (Bus and Bus Facilities Program) – This formula grant program provides capital funding to replace, rehabilitate, and purchase buses and related equipment, and to construct bus-related facilities. Grantees may use up to 0.5% of their 5339 allocations on Workforce Development activities.

Two discretionary components have been added to the program: A bus and bus facilities competitive program based on asset age and condition, and a low or no emissions bus deployment program. A solicitation of proposals for competitive funding including requirements and procedures will be published in an annual Notice of Funding Availability (NOFA).

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

Transit Projects 2020-2024

Thursday, May 2, 2019

Page 1 of 2

SPONSOR 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, 2019								
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024		
AQ CODE	COUNTY	TOTAL PROJECT COST											
Broome Co 982150 TRANSIT <Exempt>	BROOME COUNTY TRANSIT PREVENTIVE MAINTENANCE FFY20-FFY24	FTA 5307 01/2020 LOCAL 01/2020 STATE 01/2020 FTA 5307 01/2021 LOCAL 01/2021 STATE 01/2021 FTA 5307 01/2022 LOCAL 01/2022 STATE 01/2022 FTA 5307 01/2023 LOCAL 01/2023 STATE 01/2023 FTA 5307 01/2024 LOCAL 01/2024 STATE 01/2024	1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200	OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER		1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200 1.600 0.200 0.200							
AQC:N/A	BROOME	TPC: \$7.5-\$12 M		TOTAL 5YR COST :	10.000		0.000	2.000	2.000	2.000	2.000	0.000	
Broome Co 982151 TRANSIT <Exempt>	BC TRANSIT FIXED ROUTE OPERATING ASSISTANCE FFY20 - FFY24	FTA 5307 01/2020 LOCAL 01/2020 STATE 01/2020 FTA 5307 01/2021 LOCAL 01/2021 STATE 01/2021 FTA 5307 01/2022 LOCAL 01/2022 STATE 01/2022 FTA 5307 01/2023 LOCAL 01/2023 STATE 01/2023 FTA 5307 01/2024 LOCAL 01/2024 STATE 01/2024	2.061 3.061 3.750 2.134 3.134 3.750 2.209 3.209 3.750 2.286 3.286 3.750 2.363 3.363 3.750	OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER		2.061 3.061 3.750 2.134 3.134 3.750 2.209 3.209 3.750 2.286 3.286 3.750 2.363 3.363 3.750							
AQC:N/A	BROOME	TPC: \$40-\$60 M		TOTAL 5YR COST :	45.856		0.000	8.872	9.018	9.168	9.322	9.476	0.000

**** Binghamton Metropolitan Transportation Study ****

TIP Format Report for Selected Projects on Draft Program

Transit Projects 2020-2024

Thursday, May 2, 2019

Page 2 of 2

SPONSOR 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, 2019							
					PRE FFY 2020	FFY 2020	FFY 2021	FFY 2022	FFY 2023	FFY 2024	POST FFY 2024	
AQ CODE	COUNTY	TOTAL PROJECT COST										
Broome Co, 982152 TRANSIT <Exempt>	THIS PROJECT WILL REPLACE DIESEL BUSES FROM FFY 20 THROUGH FFY 24 TO IMPROVE EFFICIENCY IN OPERATIONS. BROOME CO (FTA 5339)	FTA 5339 01/2020 LOCAL 01/2020 STATE 01/2020 FTA 5339 01/2021 LOCAL 01/2021 STATE 01/2021 FTA 5339 01/2022 LOCAL 01/2022 STATE 01/2022 FTA 5339 01/2023 LOCAL 01/2023 STATE 01/2023 FTA 5339 01/2024 LOCAL 01/2024 STATE 01/2024	0.341 0.043 0.043 0.348 0.044 0.044 0.355 0.044 0.044 0.362 0.045 0.045 0.369 0.046 0.046	OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER		0.341 0.043 0.043 0.348 0.044 0.044 0.355 0.044 0.044 0.362 0.045 0.045 0.369 0.046 0.046						
AQC:N/A	BROOME	TPC: \$2-\$4 M		TOTAL 5YR COST :	2.219		0.000	0.427	0.436	0.443	0.452	0.461
Broome Co 982153 TRANSIT <Exempt>	THIS PROJECT WILL REPLACE DIESEL BUSES FROM FFY 20 THROUGH FFY 24 TO IMPROVE EFFICIENCY IN OPERATIONS. BROOME CO (FTA 5339)	FTA 5339 ND 01/2020 LOCAL 01/2020 STATE 01/2020 FTA 5339 ND 01/2021 LOCAL 01/2021 STATE 01/2021 FTA 5339 ND 01/2022 LOCAL 01/2022 STATE 01/2022 FTA 5339 ND 01/2023 LOCAL 01/2023 STATE 01/2023 FTA 5339 ND 01/2024 LOCAL 01/2024 STATE 01/2024	0.879 0.110 0.110 0.896 0.112 0.112 0.914 0.115 0.115 0.932 0.116 0.116 0.951 0.119 0.119	OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER OPER		0.879 0.110 0.110 0.896 0.112 0.112 0.914 0.115 0.115 0.932 0.116 0.116 0.951 0.119 0.119						
AQC:N/A	BROOME	TPC: \$4.6-\$7.5 M		TOTAL 5YR COST :	5.716		0.000	1.099	1.120	1.144	1.164	1.189
Broome Co 982154 TRANSIT <Exempt>	THIS PROJECT WILL PROVIDE FUNDING FOR THE ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH DISABILITIES IN BROOME COUNTY.	FTA 5310 01/2020 FTA 5310 01/2021 FTA 5310 01/2022 FTA 5310 01/2023 FTA 5310 01/2024	0.324 0.330 0.337 0.344 0.351	OPER OPER OPER OPER OPER		0.324 0.330 0.337 0.344 0.351		0.330 0.337 0.344 0.351				
AQC:N/A	BROOME	TPC: \$1.2-\$2.5 M		TOTAL 5YR COST :	1.686		0.000	0.324	0.330	0.337	0.344	0.351

ILLUSTRATIVE PROJECT LIST

Federal law that addresses the TIP financial plan requirements allows for the inclusion of projects for which funding is not available. These projects shown on the illustrative list may be programmed if funding becomes available. These projects have not been adjusted for inflation, since year of expenditure is unknown. If a project is programmed, the appropriate year of expenditure adjustment will be made.

Project Name	Project Scope	County	Sponsor	Project Cost
Owego Rd Bridge over Tracy Creek	Project will replace existing deteriorated bridge with new bridge meeting required current geometry and live load capacity standards and will provide sidewalks and shoulders for pedestrians and bicycles.	Broome	Vestal	\$2,400,000
Park Avenue Phase I - City Line to Morgan Road	Enhance this entry into the City and increase pedestrian safety. Provide better roadway drainage and streetscaping (brush/trees within ROW on east side of street).	Broome	Binghamton (City)	\$3,800,000
Park Avenue Phase II - Morris Street to Vestal Avenue	Enhance this entry route into the City as well as access to the hospital, pedestrian safety at the intersection of Vestal Ave. and Park Ave., and to add additional on street parking and the replacement of foot bridges over Park Creek.	Broome	Binghamton (City)	\$3,071,000
Henry Street - Water Street to Brandywine Avenue	Make the corridor safer for pedestrians and cyclists, increase driver awareness, install mid-block crossings with proper signage and RRFBs, repair curb and sidewalks, address ADA concerns, update traffic signals and pedestrian signals with count-down and audio enhancements, striping and signage improvements.	Broome	Binghamton (City)	\$5,746,000

Project Name	Project Scope	County	Sponsor	Project Cost
Broome County Corporate Parkway - Resurfacing	Mill and pave the driving surface along Broome Corporate Parkway in the Town of Conklin.	Broome	Broome	\$2,190,000
Chenango Street Rehabilitation - Town of Fenton	Mill and pave the driving surface along Chenango Street. Add two 5-foot bicycle lanes and upgrade ADA curb ramps to enhance access and safety for all users.	Broome	Broome	\$1,293,000
Glenwood Road Bridge over Big Choconut Creek, Bridge Replacement (3349920)	Increase the hydraulic opening to meet or exceed current hydraulic criteria, increase the structure width to meet current design standards and reduce scour susceptibility.	Broome	Broome	\$2,170,000
Saddlemire Bridge over West Fork Little Snake Creek, Bridge Maintenance (3358690)	Repair identified deficiencies to restore the integrity of the structural elements to ensure the bridge remains serviceable for the next 20 years.	Broome	Broome	\$510,000
Bodie Hill Road, Taylor Road, Day Hollow Rd (spur)	Mill and pave 3.80 miles of interconnected roadway.	Tioga	Tioga	\$675,000
Southside Drive, Sulphur Springs Road (connecting section), Stanton Hill Road	Mill and pave 4.42 miles of interconnected roadway	Tioga	Tioga	\$785,000
Glenmary Drive	Mill and pave 5.65 miles of roadway	Tioga	Tioga	\$1,450,000
West Creek Road (portion located within MPO boundary)	Mill and pave 5.69 miles of the roadway	Tioga	Tioga	\$1,000,000
Halsey Valley Road (portion located within MPO boundary)	Mill and pave 8.48 miles of roadway	Tioga	Tioga	\$1,536,000

Project Name	Project Scope	County	Sponsor	Project Cost
I88 over I81 Bridge Deck Replacement and I88 Connector, I81 to Exit 2 Pavement Rehabilitation, Binghamton	Overlay the deck of the bridges connecting I88 and I81 that also cross the Chenango River. Crack & Seal concrete pavement and install multi-course HMA overlay. Upgrade deficient drainage system and replace deficient guide railing. Areas of full depth reconstruction will be required near overhead structures and new median barrier will be required.	Broome	NYSDOT	\$71,500,000
I81 Kirkwood to Binghamton City Line, Pavement Reconstruction	This project will reconstruct 10 lane miles of I-81 from Exit 2 (Kirkwood) to the Exit 3 (Broad Street) and upgrade deficient drainage systems, town of Kirkwood and city of Binghamton, Broome County.	Broome	NYSDOT	\$39,000,000
I86, Old Route 17 to Windsor, Pavement Rehabilitation	This project will mill and resurface 3 miles of I-86, including areas of full-depth pavement repairs, between Exit 78 (Old Route 17 Bridge) and Exit 79 (Windsor) in the town of Windsor, Broome County.	Broome	NYSDOT	\$13,000,000
I86, Owego to Broome County Line, Pavement Rehabilitation	This project will mill and resurface 10 miles of I-86 between Exit 64 (Owego Route 96) and the Broome County Line; town of Owego, Tioga County.	Tioga	NYSDOT	\$23,400,000
Route 434 and Glenn Bartle Drive (Binghamton University Entrance) Intersection Improvement Project	This project will add a second westbound left turn lane at the signalized intersection of Route 434 and Glenn Bartle Drive (Binghamton University Entrance).	Broome	NYSDOT	\$3,000,000

Project Name	Project Scope	County	Sponsor	Project Cost
Owego Culvert under NYS Rt.17 (I-86)	Replace the existing plate culvert under both lanes of NYS Rt. 17. (Interstate I-86) (This was submitted as a BridgeNY project by Town of Owego but was not selected)	Tioga	NYSDOT	\$5,500,000
Route 17C (Main Street) Corridor Reconstruction	Reconstruct pavement and shoulders and upgrade deficient drainage systems. Improve mobility for non-vehicular uses and foster access management practices where possible on Route 17C (Main Street) through the city of Binghamton, town of Union, and villages of Johnson City and Endicott, Broome County.	Broome	NYSDOT	\$90,000,000
Route 11 Pavement Improvements, Binghamton	Mill and fill pavement and shoulders and upgrade deficient drainage systems on Route 11 from Chapman Street to Binghamton City Line; city of Binghamton, Broome County.	Broome	NYSDOT	\$6,000,000
Route 201 Pedestrian Improvements	This project will enhance existing pedestrian and bicycle facilities and address gaps in the pedestrian network on this heavily-traveled corridor connecting Vestal with Johnson City, Broome County.	Broome	NYSDOT	\$6,000,000
I81 over Route 11 and Pease Hill Road Bridge Replacement	This reconstruction project will replace four deficient bridges: I81 over US Route 11 (BINs 1008291 & 1008292) and Pease Hill Road (BINs 1031241 & 1031242) in the towns of Chenango & Barker, Broome County	Broome	NYSDOT	\$30,000,000

Project Name	Project Scope	County	Sponsor	Project Cost
Route 17 over Susquehanna River Bridge Replacement, Endwell	Replace the two structures carrying Route 17 over the Susquehanna River between the towns of Vestal and Union (BINs 1054831 & 1054832); Broome County	Broome	NYSDOT	\$75,000,000
I81 over Loughlin Road and Colesville Road Bridge Replacement	This project will replace or rehabilitate the four deficient bridges that carry I-81 over Loughlin Road (BINs 1013111 & 1013112) and Colesville Road (1013132 & 1013150) in the town of Kirkwood, Broome County	Broome	NYSDOT	\$19,500,000
Route 11 Pavement Improvements, Kirkwood	Mill and fill pavement and shoulders, upgrade deficient drainage systems, improve mobility for non-vehicular uses and foster access management practices where possible on Route 11 from Binghamton City Line to Colesville Rd; Town of Kirkwood, Broome County.	Broome	NYSDOT	\$6,000,000
I81 over Route 990G Bridge Replacement	Reconstruction project to replace two deficient mainline structures carrying I-81 over Route 990G in the town of Kirkwood, Broome County.	Broome	NYSDOT	\$30,000,000

Project Name	Project Scope	County	Sponsor	Project Cost
Route 17 EB Nichols Rest Area Reconstruction	This project has design approval. This project provides replacement of the existing building at the Nichols site with a new, full service rest area. In addition to a new building, new truck and car parking areas will be constructed. A new wastewater system will be constructed (type to be determined) and the existing well water system will be upgraded, or a municipal system will be extended to the site. The project will also include new lighting for the picnic areas and landscaping.	Tioga	NYSDOT	\$13,700,000

PENNSYLVANIA FEDERAL-AID PROJECTS FOR INFORMATION ONLY

The Binghamton Urbanized Area extends into Pennsylvania. The area includes the Interstate 81 and US 11 corridor through Great Bend, Hallstead, and New Milford.

Based upon an agreement reached with the Pennsylvania Department of Transportation and the Northern Tier Regional Planning & Development Commission (designated as a Rural Planning Organization by PennDOT), Federal aid projects in the Pennsylvania portion of the BMTS area are to be included in the BMTS Transportation Improvement Program for information only and in the Pennsylvania Statewide TIP (STIP) for programming purposes.

MPMS #: 9580	Municipality: New Milford (Boro)					
Title: New Milford RR Bridge	Route: 1016				Section: 570	A/Q Status: Exempt
Improvement Type: Bridge Replacement		Exempt Code: Widen, narrow, pave, or recon bridges (No addt lanes)				
Est. Let Date: 07/12/2018						
Geographic Limits: Susquehanna County, New Milford Township, State Route 1016 (Montrose Street)						

Narrative: Replacement of the bridge carrying State Route 1016 (Montrose Street) over Norfolk Southern Railroad in New Milford Township, Susquehanna County.

Phase	Fund	TIP Program Years (\$000)					
		2019	2020	2021	2022	2nd 4 Years	3rd 4 Years
CON	BOF	\$ 350	\$ 470	\$ 391	\$ 0	\$ 0	\$ 0
CON	STP	\$ 756	\$ 100	\$ 0	\$ 0	\$ 0	\$ 0
CON	185	\$ 277	\$ 143	\$ 98	\$ 0	\$ 0	\$ 0
CON	581	\$ 527	\$ 889	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,910	\$ 1,602	\$ 489	\$ 0	\$ 0	\$ 0
Total FY 2019-2022 Cost \$ 4,001							