

2017 – 2021 *Federal Fiscal Years*

Transportation Improvement Program (TIP)



Greater Buffalo Niagara Regional Transportation Council
438 Main St, Suite 503 | Buffalo, NY 14202 | 716-856-2026 | www.gbnrtc.org



Policy Committee

Chairman

Commissioner
NYS Department of Transportation

Vice Chairman

Division Director
NYS Thruway Authority

Secretary

Executive Director
GBNRTC

Members

Chairman
Niagara County Legislature

Mayor
City of Niagara Falls

Chairman
Niagara Frontier Transportation Authority

Mayor
City of Buffalo

County Executive
Erie County (NY)

Planning and Coordinating Committee (PCC)

Chairman

Senior Planner
City of Niagara Falls

Members

Commissioner, Department of Public Works
Erie County (NY)

Commissioner, Department of Public Works
City of Buffalo

Deputy Division Director
NYS Thruway Authority

Manager, Government Affairs
Niagara Frontier Transportation Authority

Planning and Program Manager, Region 5
NYS Department of Transportation

Commissioner, Department of Public Works
Niagara County

This report was prepared with financial assistance of the U.S. Department of Transportation. However, the contents represent only the view of the authors and do not necessarily reflect the review or approval of the U.S. Department of Transportation.

TRANSPORTATION IMPROVEMENT PROGRAM

Federal Fiscal Years (FFY)

October 1, 2016 – September 30, 2021

and

State Fiscal Years (SFY)

April 1, 2016 – March 31, 2021





Greater Buffalo Niagara Regional Transportation Council

The Metropolitan Planning Organization for Erie and Niagara Counties

RESOLUTION 2016-14
Action Level: Policy Committee

2017-2021 Transportation Improvement Program (TIP)

WHEREAS, the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) has been designated by the Governor as the Metropolitan Planning Organization (MPO) for the Greater Buffalo-Niagara region, and

WHEREAS, Title 23, United States Code, Section 134, and Title 49, United States Code, Section 5303, require each MPO to develop and approve a Transportation Improvement Program (TIP), and

WHEREAS, GBNRTC in cooperation with the New York State Department of Transportation, has reviewed and documented compliance of the GBNRTC planning process with all existing federal rules and regulations, including Fixing America's Surface Transportation (FAST Act) requirements, and

WHEREAS, GBNRTC, in accordance with all federal requirements for a TIP has developed a staged five-year integrated program of federally funded highway, transit and other transportation projects for the Greater Buffalo-Niagara region, that:

- includes a priority listing of projects and project segments to be carried out within the time frame of the TIP,
- is financially constrained with realistic estimates of total project cost and revenues expected for the program periods,
- includes projects which are consistent with the 2040 Long Range Transportation Plan Update,
- includes projects identified based on the priority merit and certainty of financing developed through a program development process,
- includes consideration of elderly and disabled transportation services and the mandates of the Americans with Disabilities Act, and

WHEREAS, extended consultation efforts have been made with appropriate State and local agencies to increase involvement in the planning process and development of the TIP, and

WHEREAS, the United States Environmental Protection Agency (USEPA) promulgated the 2008 8-Hour Ozone National Ambient Air Quality Standards (NAAQS) on May 21, 2012 to be effective on July 20, 2012 classifying the Buffalo-Niagara Falls metropolitan statistical area as in attainment for the 2008 ozone standard,

WHEREAS, the USEPA promulgated a new rule on July 20, 2012 revoking the Transportation Conformity requirements for 1997 8-Hour Ozone NAAQS effective on July 20, 2013, and

WHEREAS, as a result, the GBNRTC will not be required to make a transportation conformity determination under the new 2008 8-Hour Ozone NAAQS.

THEREFORE BE IT RESOLVED, the GBNRTC endorses the five-year Transportation Improvement Program for the Federal Fiscal Years 2017-2021 and recommends the initiation of those projects and plans so specified, and

BE IT FURTHER RESOLVED, the GBNRTC certifies compliance of the planning process with all applicable federal rules and regulations, including FAST Act requirements, and

BE IT FURTHER RESOLVED, that GBNRTC endorses the 2017-2021 TIP as consistent with all current plans and programs the GBNRTC program development process, and the GBNRTC congestion management process, and

BE IT FURTHER RESOLVED, the TIP development process, including public involvement activities and timeline established for public comment, were explicitly used to satisfy the program-of-projects requirements of the Federal Transit Administration Urbanized Area Formula Program Section 5307(c), and

BE IT FURTHER RESOLVED, Council members agree as a condition of all TIP amendment approvals, the TIP continue to be fiscally constrained in accordance with federal regulations, and

BE IT FURTHER RESOLVED, that should any additional financial resources provide for expanding the 2017-2021 TIP beyond currently approved funding targets, all programming proposals shall be recommended by the GBNRTC-PCC for Policy Committee action, and

BE IT FURTHER RESOLVED, that projects approved in the previous TIP (FFY 2014-2018) are automatically incorporated into the 2017-2021 Annual Element if they are not obligated by September 30, 2016, as long as fiscal constraint is demonstrated, and

BE IT FURTHER RESOLVED, that the Committee authorizes the Secretary of the Council to forward the approved program to the New York State Department of Transportation, requesting that it take all necessary action to include the program in the Statewide Transportation Improvement Program and obtain federal approval.

Resolved this day, June 17, 2016

By: 
Chairman, GBNRTC Policy Committee

Recommended by the Greater Buffalo-Niagara Regional Transportation Council Planning and Coordinating Committee on June 1, 2016.

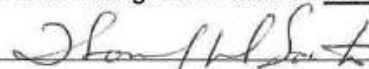
By: 
Chairman, GBNRTC-PCC

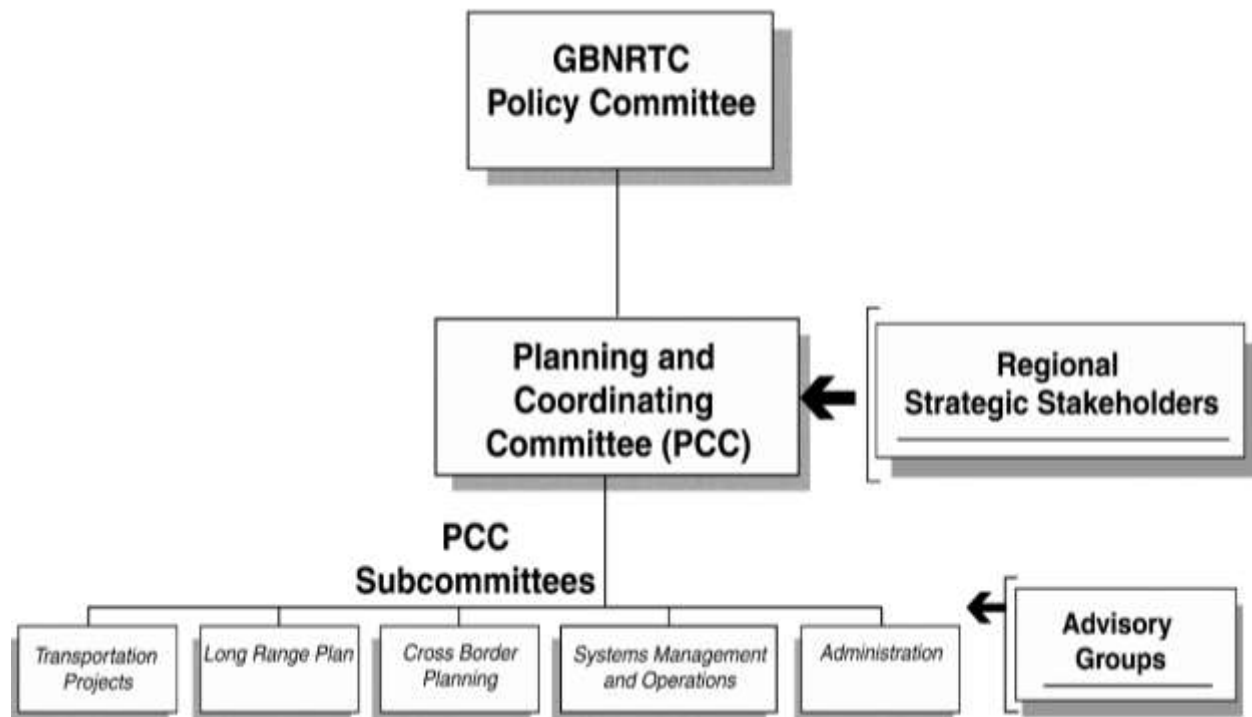
Table of Contents

Resolution	4
GBNRTC Organization and Membership	7
Geographic Location	8
Identification of Transportation Facilities	9
TIP Development.....	13
TIP Guidance	13
Transportation Performance Management	18
Program Development and Project Selection	19
Transit Plan Development	19
Agency Consultation	20
Additional Considerations	22
Public Outreach and Involvement.....	26
TIP Schedule and Milestones	27
2040 Metropolitan Transportation Plan (MTP) Project Status.....	29
Program Summary and Highlights	30
Financial Plan	33
Status of the Previous TIP (2014 – 2018)	51
Major Projects Completed	51
TIP Disposition.....	52
TIP Change Summary	83
2017 – 2021 TIP Detailed Project Listings	105
How to Read the TIP Listings.....	106
Annual Element (FFY 2017).....	111
Bicycle and Pedestrian (FFY 2017)	122
Complete Project Listings.....	124
Project Location Maps.....	285
Public Participation / Outreach Summary.....	301
Qualifying Preventive/Corrective Maintenance Work Types	315
TIP Change Guidelines.....	317
Glossary of Transportation Terms	321

GBNRTC Organization and Membership

The GBNRTC currently consists of the following seven members: City of Buffalo, City of Niagara Falls, County of Erie, County of Niagara, NYS Thruway Authority, the Niagara Frontier Transportation Authority and NYSDOT. The Seneca Nation of Indians, the Transportation Council of the Buffalo-Niagara Partnership and the Empire State Development Corporation formally serve as Regional Strategic Stakeholders.

A dedicated full-time staff of transportation planning professionals serves the seven GBNRTC member agencies. This staff is primarily responsible for completing the tasks defined in the Unified Planning Work Program (UPWP) including developing, managing and implementing the region's Transportation Improvement Program (TIP).



The GBNRTC Transportation Projects Subcommittee (TPS) is specifically charged with addressing any and all issues pertaining to the development, maintenance and monitoring of the TIP. Subcommittee members include transportation planning officials from each of the GBNRTC's seven member agencies.

TPS has among its tasks:

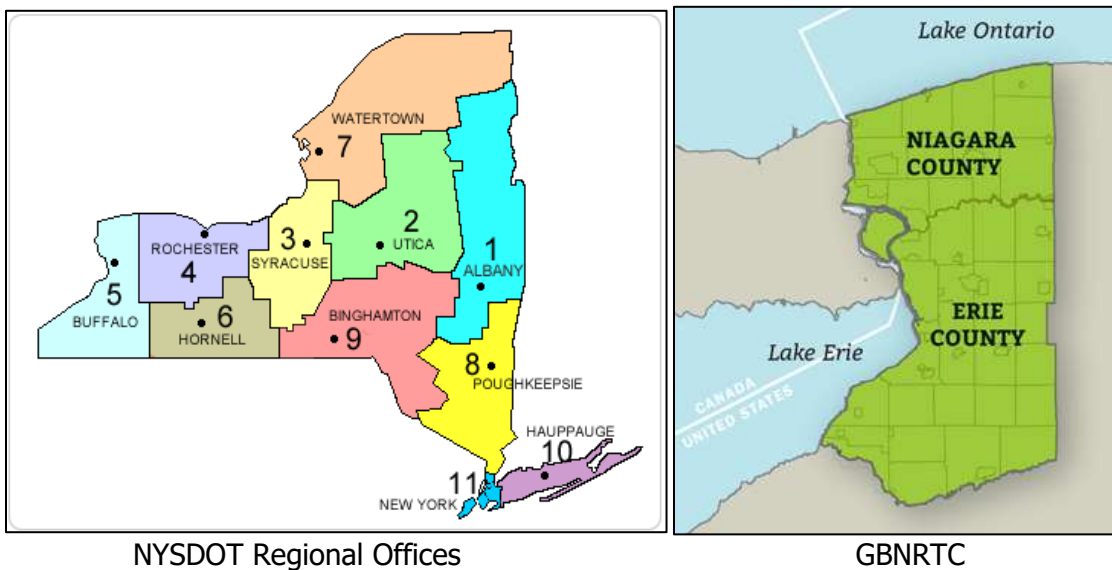
- Review descriptive data reports on the region's transportation infrastructure conditions
- Design and implement project selection procedures
- Prioritize and schedule regional projects

- Prepare and recommend a fiscally constrained multi-year TIP
- Review, assess and incorporate public feedback in project selection and scoping decisions
- Regularly review project status and assess cost or scheduling changes
- Recommend amendments to the TIP as necessary to maintain project viability and fiscal constraints

Geographic Location

GBNRTC and NYSDOT Region 5 staff work closely together to program TIP projects in Erie and Niagara Counties, including the densely settled urban areas in the Buffalo Metropolitan Planning Area (MPA).

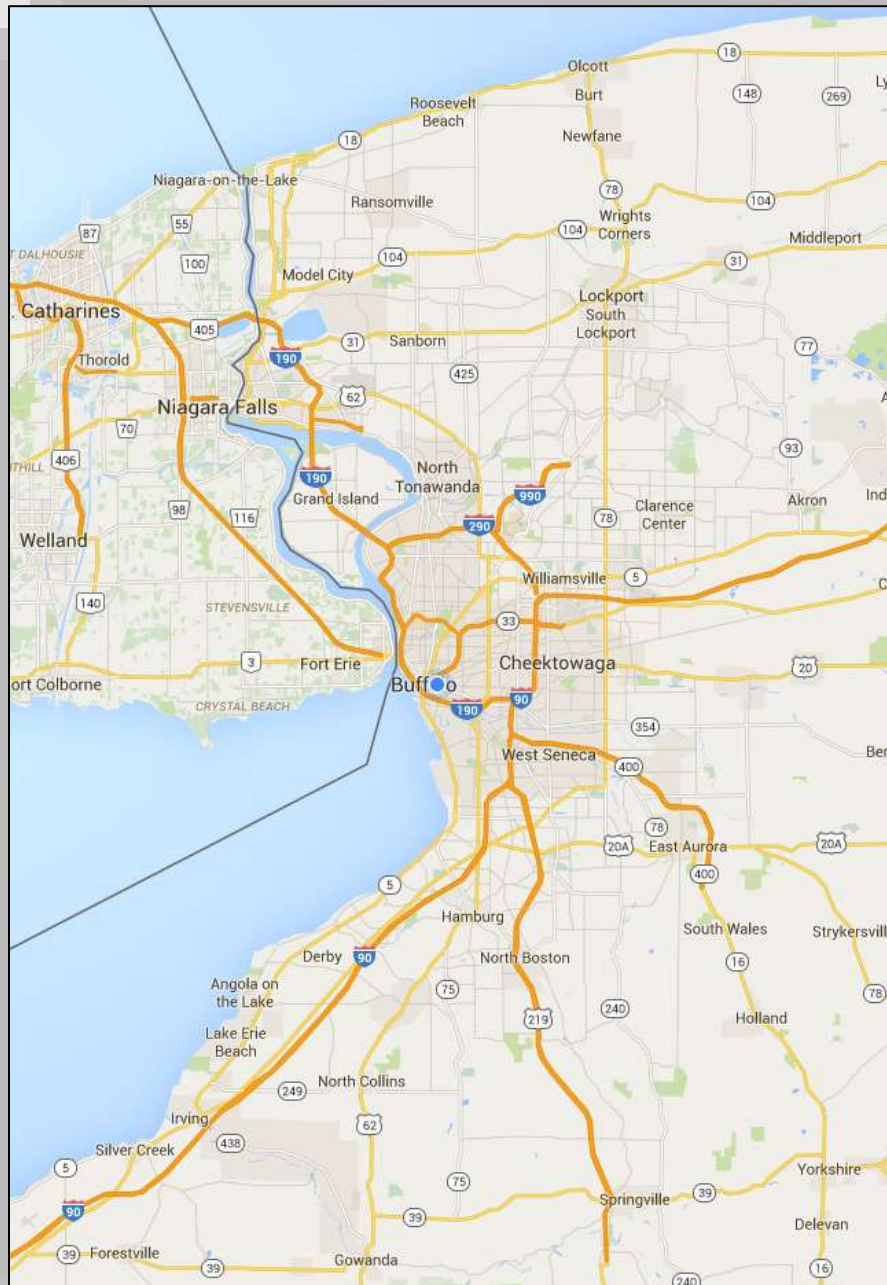
NYSDOT Region 5 is also responsible for programming projects in Chautauqua and Cattaraugus Counties which are to the south of Erie County. These projects are not included in the TIP but are listed in the Statewide Transportation Improvement Program (STIP) as they fall outside of the GBNRTC’s defined planning area.



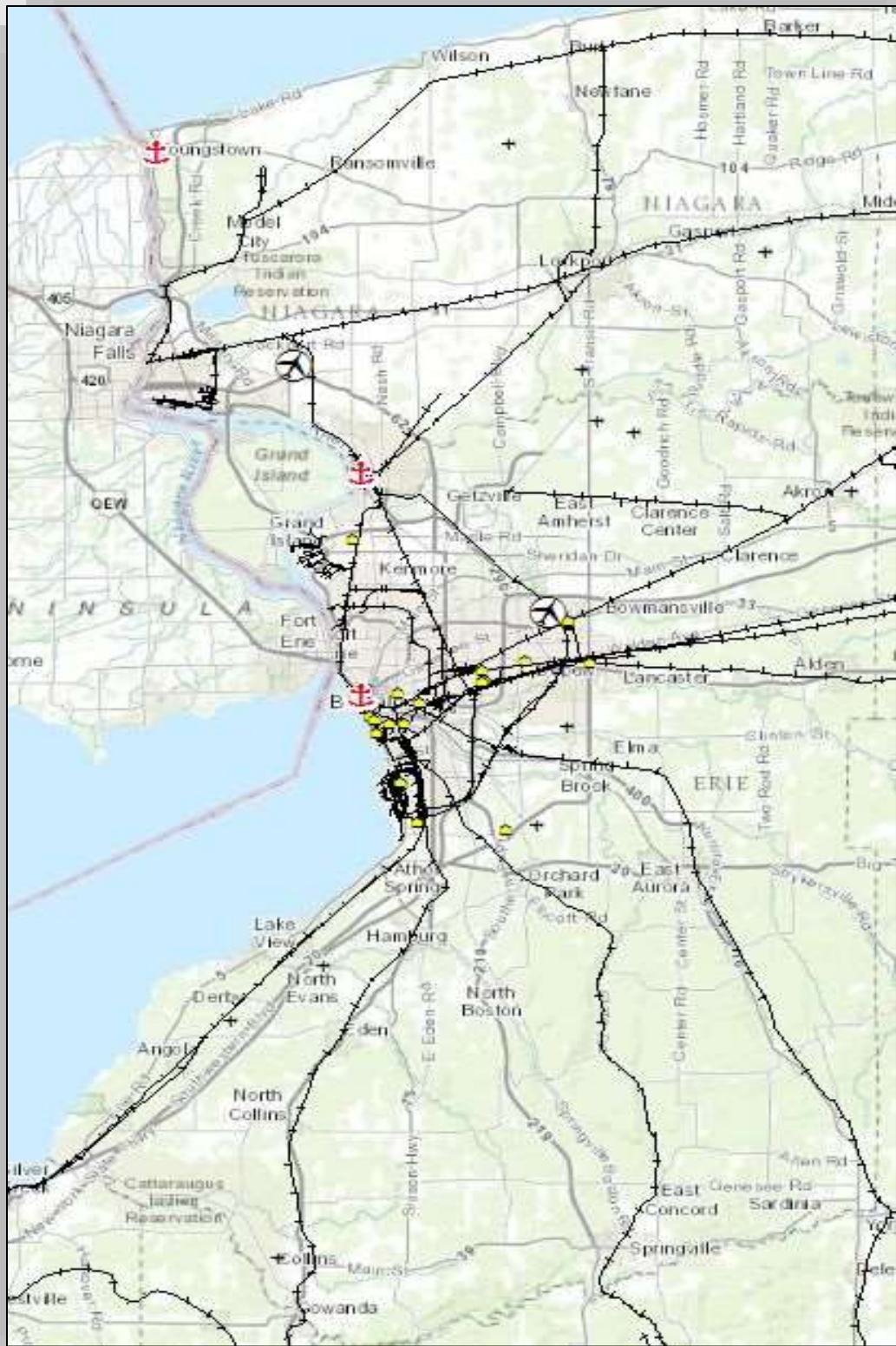
Identification of Transportation Facilities

The following pages represent a graphical inventory of the region's transportation assets including highway, non-highway, and transit facilities.

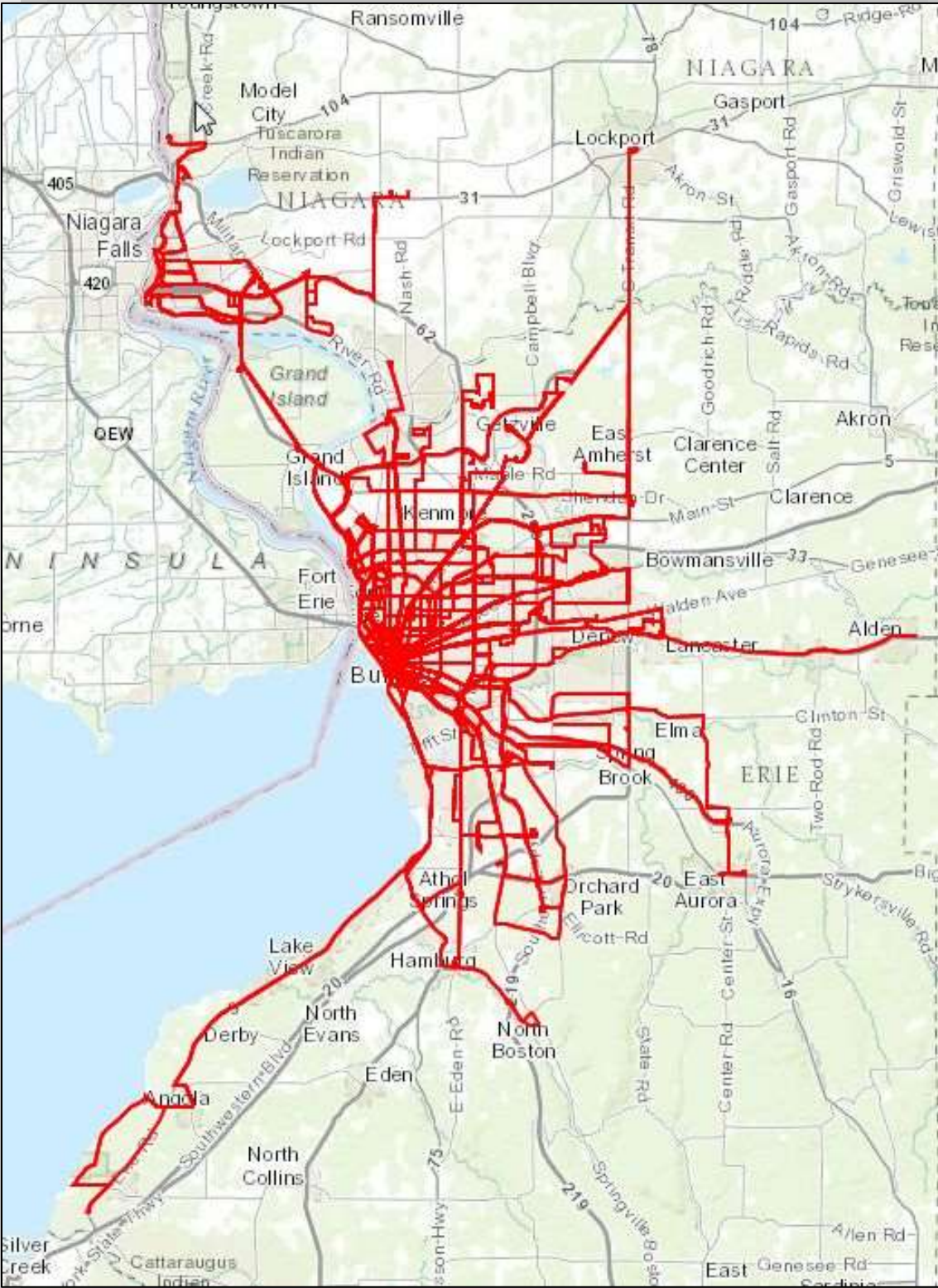
Roads and Highways



Non-Highway Facilities (Rail, Air, Marine, Intermodal)



NFTA Transit Route Coverage



TIP Development

The Transportation Improvement Plan is the complementary capital-programming component of the Long-Range Metropolitan Transportation Plan consisting of all federally funded roadways, transit and major transportation projects being considered within the region over the next five (5) years. Inclusion in the TIP is a prerequisite to federal funding approval for projects programmed from funding sources directly under the GBNRTC responsibility.

The 2017-2021 TIP represents a regional consensus on which priority transportation projects are essential to the Buffalo-Niagara region during the next five (5) years given current financial targets. Projects included in the program move the region towards implementing the current (2040) Long-Range/Metropolitan Transportation Plan, meeting short-range needs, and providing for the maintenance of the existing transportation system.

The program documented on the following pages is a priority listing of all federally funded transportation projects being considered for implementation in the period beginning October 1, 2016 (Federal Fiscal Year 2017) through September 30, 2021 (Federal Fiscal Year 2021). The listing includes highway, transit, bicycle and pedestrian projects, as well as transportation studies and programs within the GBNRTC planning area.

TIP Guidance

Federal Guidance and Requirements

The United States is utilizing performance management as a way to transform the Federal-aid highway program and provide a means to the most efficient investment of Federal transportation funds. This will be accomplished by refocusing on national transportation goals, increasing the accountability and transparency of the Federal-aid highway program, and improving project decision making through performance-based planning and programming.

The current federal legislation (23 USC 150 (b)) states that it is in the interest of the United States to focus the Federal-aid highway program on the following national goals:

- Safety - Achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- Infrastructure condition - Maintain the highway infrastructure asset system in a state of good repair.
- Congestion reduction - Achieve a significant reduction in congestion on the National Highway System.
- System reliability - Improve the efficiency of the surface transportation system
- Freight movement and economic vitality - 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 - Enhance the performance of the transportation system while protecting and enhancing the natural environment.
- Reduced project delivery delays - 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.

Federal requirements for a Transportation Improvement Program (TIP) are contained in 23 CFR 450.324, .326, .328, and .330. 23 CFR 450.324 requires the MPO to develop a TIP in cooperation with the state and any affected public transit operator(s) and specifically requires the following:

- Updating and approving the TIP on a cycle (at least every four years) compatible with development of the Statewide Transportation Improvement Program (STIP).
- Conformity determination by FHWA and FTA in nonattainment and maintenance areas.
- A reasonable opportunity for the public to comment and, in nonattainment Transportation Management Areas (TMAs), an opportunity for at least one formal public meeting during the TIP development process.
- Financially constrained and includes a financial plan identifying projects that can be implemented using current revenue sources and projects requiring proposed additional sources.
- Includes all transportation projects, including bicycle and pedestrian facilities, proposed for funding, including Federal Lands highway projects, but excluding safety projects funded under 23 USC 402, emergency relief projects, and planning and research activities not funded with National Highway System (NHS), Surface Transportation Program (STP) or minimum guarantee funds; all regionally significant transportation projects for which FHWA or FTA approval is required and, for informational purposes, all regionally significant projects to be funded from non-Federal sources; only projects that are consistent with the MTP.
- In nonattainment and maintenance areas, classifications must be consistent with the exempt project classifications contained in the U.S. Environmental Protection Agency (EPA) conformity requirements. (40 CFR part 51)
- In nonattainment and maintenance areas, the TIP shall describe progress in implementing required TCMs and include a list of all projects found to conform in a previous TIP and which are now part of the base case in determining conformity.

On December 4, 2015, President Obama signed into law the Fixing America's Surface Transportation Act, or "FAST Act." It is the first law enacted in over ten years that provides long-term funding certainty for surface transportation, meaning States and local governments can move forward with critical transportation projects, like new highways and transit lines, with the confidence that they will have a Federal partner over the long term.

The FAST Act provides five years of highway program authorizations. It transfers enough resources into the Highway Trust Fund —\$51.9 billion into the Highway Account and \$18.1 billion into the Mass Transit Account— to fund the full five years of program authorizations. The transfer of money from the general fund into the HTF is only a temporary fix. Without a permanent increase in current trust fund excise taxes or enactment of a new revenue source, the HTF will exhaust the funds provided under the FAST Act by the end of FY 2020. The Congressional Budget Office predicts Congress will need to find over \$100 billion in additional HTF revenues to fund the next five year authorization bill from FFY 2021 through FFY 2025 – an average of at least \$2 billion per year.

The FAST ACT requires the following additional areas must be considered in the development of a TIP:

- Resiliency and Reliability - Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.
- Tourism - Enhance travel and tourism.
- Transit – Support intercity transportation facilities, including intercity busses.

- Performance – Describe the performance measures and targets that will be used to measure system performance and progress in achieving the performance targets.
- Private Transportation Providers and Public Ports – Increase efforts to engage and include all sectors and users of the transportation network in the planning process.

NY State Guidance

The NYSDOT TIP/STIP Policy Guidance and Instructions published in September 2015 states that the metropolitan and statewide Transportation Improvement Program (TIP/STIP) update process will continue to encourage strong asset management practices. These asset management practices shall focus investments in current infrastructure on preventive, corrective and demand maintenance to preserve the functionality of the existing transportation system.

NYSDOT's Comprehensive Program Update incorporates the sustainability triple bottom line of economic competitiveness, social equity, and environmental stewardship in its investment decisions through its “Forward Four” guiding principles:

1. Preservation First – A preservation first strategy focuses on preventive, corrective and demand work using Asset Management principles and data driven decision making. The highest priority is to preserve the functionality of the existing highway system.
2. System Not Projects - The need to identify better ways to manage and operate the transportation system as a whole to most effectively use the capacity of the system we currently have.
3. Maximize Return on Investment - Given the significant needs of our transportation system, it is essential that we establish a strategy to invest in a way that produces the greatest possible return on investment.
4. Make It Sustainable - Focus on ways to preserve our existing transportation system incorporate sustainability considerations into our decisions and actions; and support opportunities for innovation, economic growth and development. This must be done in a fiscally responsible manner by considering life cycle cost as well as fiscal cycles.



A common theme integrated into these four principles and inherent in all of our investment decisions is stewardship of safety for the traveling public. Transportation facilities and services must be safe. Safety policies and activities help to minimize risk across all modes.

By adhering to these principles we can strive to keep our system safe and maximize the life of our existing infrastructure while working to improve livability and promote economic development within the context of limited financial resources.

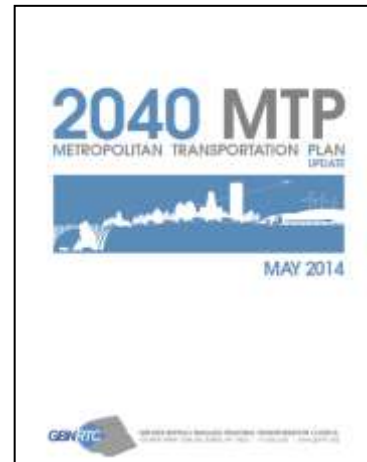
Regions and MPOs have been told to begin developing a prioritized set of preventive/corrective maintenance, system renewal and/or enhancement projects that are not achievable under current planning targets. Decisions on the use of statewide funds will be made by the Comprehensive Program Team (CPT) and Capital Program Delivery Committee (CPDC) and will be based on criteria that reflect not only improvements to asset conditions but the proposal’s importance to local, regional and statewide

economic vitality and quality of life. Additional guidance and forms for describing the proposals will be forthcoming.

Regional Guidance

Federal regulations require that the GBNRTC update the region's long-range metropolitan transportation plan every four years to determine its consistency with current trends and conditions and to maintain at least a 20-year planning horizon.

The 2040 Metropolitan Transportation Plan Update (MTP) was approved in May 2014. It is a multimodal blueprint for transportation systems and services aimed at meeting existing and anticipated transportation demands in the two counties. It serves to guide transportation investment and funding decisions, project selection criteria, and corridor-level planning in the region. It has been developed in partnership with both public and private agencies, community groups, interested residents, and other stakeholders.



The MTP includes a regional vision and a subsequent set of goals and objectives that establish the framework for TIP development. These all resulted from extensive public outreach process including a series of workshops, a public opinion survey, and input from a citizen's advisory group and GBNRTC member agencies.

The regional vision for the plan is to:

- Promote smart growth through transportation investment in priority development areas and areas with existing infrastructure.
- Foster regional economic competitiveness through targeted transportation investment.
- Create an environmentally healthy, resilient region.
- Promote safe, equitable regional service for all residents.

The MTP includes a set of five goals that establish the framework for TIP development and a set of performance measures for each goal to gauge regional progress.

1. Prioritized Preservation - The Buffalo-Niagara region will focus on transportation projects that preserve and enhance existing transportation facilities, with preference given to those projects located within priority development areas.

Performance Measures:

- *NHS roads no lower than 7/10; non-NHS roads no lower than 6/10*
- *NYS DOT bridge condition greater than 4.5/10*
- *Average Bus Fleet Age of 6 Years*
- *Bicycle Level of Service (BLOS) improved by 10%*

2. Economic Development - The Buffalo-Niagara region's transportation system will improve the region's economic competitiveness by providing transportation options that will enhance mobility, promote access to jobs, and support sustainable development patterns.

Performance Measures:

- *Unemployment rate lowered (amount undefined)*
- *Per capita income increased (amount undefined)*

3. Mobility and Accessibility - The Buffalo-Niagara region's transportation system will improve user mobility and accessibility.

Performance Measures:

- *Reduced travel time to work by 5%*
- *Increase miles of bikeway by 15%*
- *Increase transit ridership by 5%*
- *50%+ of region's population with .5 mile of transit service*
- *80%+ of region's population with .5 mile of transit service*

4. Land Use and Transportation Connection - The Buffalo-Niagara region will achieve better inter-jurisdictional coordination of transportation and land use planning

Performance Measures:

- *Urban expansion decreased (amount undefined)*
- *Vehicle Miles of Travel (VMT) rate increase less than NYS average*

5. Environment and Climate Change - The Buffalo-Niagara region will plan and develop a transportation system that enhances and protects the region's natural environment, transportation system, and facilities from potential threats of extreme weather events and climate change.

Performance Measures:

- *Maintain pollutant emissions at base year level*
- *Reduce overall accident rate by 5%*
- *Reduce the number of persons who drive alone by 5%*

The full 2040 Metropolitan Transportation Plan Update is available online (<http://www.gbnrtc.org/metropolitan-transportation-plan/>) or by contacting the GBNRTC offices.

Transportation Performance Management

The Federal Highway Administration is currently working with states and MPOs to transition toward and implement a performance based approach to carrying out the Federal Highway Program known as Transportation Performance Management. Transportation Performance Management (TPM) represents the opportunity to prioritize needs, and align resources for optimizing system performance in a collaborative manner. This transition began in the previous surface transportation legislation called "Moving Ahead for Progress in the 21st Century," also known as MAP-21 which integrated performance management into many federal transportation programs and contains several performance elements.

The national performance measures continue to be established and finalized through rulemaking by USDOT in accordance with 23 U.S.C. 150(c). A current status of the final rulemaking, as published by FHWA, is listed below.

Performance Areas	NPRM	Comments Due	Anticipated Final Rule
Safety Performance Measures	March 11, 2014	Closed June 30, 2014	Published March 15 2016
Highway Safety Improvement Program	March 28, 2014	Closed June 30, 2014	Published March 15 2016
Statewide and Metro Planning; Non-Metro Planning	June 2, 2014	Closed October 2, 2014	Published May 27 2016
Pavement and Bridge Performance Measures	January 5, 2015	Closed May 8, 2015	Anticipated November 2016
Highway Asset Management Plan	February 20, 2015	Closed May 29 2015	Anticipated November 2016
System Performance Measures	April 22, 2016	Open until August 20 2016 (120 days)	TBD

Once national performance measures are finalized, New York State and the GBNRTC are required to coordinate and establish targets that reflect the measures established by the USDOT. These targets must be established within than 1 year after the USDOT final rule on performance measures. Final Rules, including recorded webcasts and webinars, can be found at <http://www.fhwa.dot.gov/tpm/rule.cfm>.

Program Development and Project Selection

The GBNRTC shares responsibility with the New York State Department of Transportation for cooperatively developing transportation plans and programs that ensure an integrated multimodal transportation system serves and supports metropolitan community development and the social goals of the Greater Buffalo-Niagara region.

The intent of a Transportation Improvement Program (TIP) in its simplest terms is to carry out the region's transportation vision as explained in the previous section, within the constraints of available funding.

The GBNRTC has as its goal the selection of quality projects that address the current and near-future transportation needs of the region while adhering to defined regional, state and federal planning priorities.

The MTP and studies that have been completed through the Unified Planning Work Program (UPWP) are also used to guide project selection.

In order to accomplish this, the GBNRTC typically undergoes a defined project selection process:

- Review of current federal and state guidelines and legislation
- Identify and prioritize any project that had been moved off of previous TIP(s) and make sure they are included (if still valid/needed/wanted by sponsor) and fully funded
- Consideration of recommendations from other long and short-term regional plans
- Maintain focus on asset management and system preservation
- Needs identification involving a review of data sources, visualization techniques, and priority rankings
- Needs assessment focusing on program prioritization and performance management
- Solicit project proposals from member agencies
- Project proposals presented to TPS
- Overall program must always be in compliance with defined funding targets
- TPS develops final financially constrained project listing
- TPS recommends fiscally constrained project listing to PCC

Transit Plan Development

When the Niagara Frontier Transportation Authority (NFTA - the region's transit agency) assembles its program of projects through its annual budget and financial planning process, their Grants and Government Affairs staff works with the GBNRTC to ensure the new or existing TIP/STIP documents are aligned or modified to reflect the NFTA's capital budget and financial plan. All TIP/STIP Amendments and Administrative Modifications maintain fiscal constraint.

As required by Section 1299-s of the Public Authorities Law (PAL), the NFTA internally prepares a five-year Capital Plan (the Plan). The Plan sets goals and objectives for capital spending, identifies projects that will maintain system infrastructure and/or enhance the system, and itemizes estimated costs and funding sources for each project. The capital projects outlined in the Plan are supported by revenue assumptions that either flow through the operating budget as direct capital (i.e. NFTA local funds), or are supported by specific granting agencies and their respective funding programs (i.e. FTA, NYSDOT, NYSDTF, or Erie County). All capital projects included in the NFTA's Capital Plan supported by direct capital or specific

granting agencies are based on grant agreements or estimates of future revenues based on historical receipts.

Capital projects included in the Plan that contribute to the maintenance of the system are originally determined at the division-level of each business center. Here, NFTA management and staff continually evaluate system conditions to identify needed preventive or corrective maintenance projects. Such evaluations include on-going asset inspections, state-of-good-repair studies, and asset condition reporting to assess the asset's working condition, performance, level of maintenance, and age relative to FTA's Useful Life Policies (FTA C 5010.1D). The asset condition reporting system uses an FTA-suggested criteria that assigns a condition score on a scale ranging from 5 (excellent condition) to 0 (non-operable). Capital assets that have a condition rating of 2.5 or less, are deemed to present a safety issue, or are subject to regulatory mandate are subsequently prioritized and targeted for rehabilitation or replacement. These projects often include facility upgrades, equipment and vehicle replacements, and other transit infrastructure and safety projects.

In addition to the preventive maintenance projects described above, NFTA division-level management and staff continually work to identify and implement new and innovative capital projects to enhance the transit system. Potential projects are evaluated against available funding sources and their ability to increase ridership and revenues, improve the fiscal stability of the NFTA, and advance the NFTA's overall mission to enhance the quality of life of residents and visitors across Western New York. If a potential project meets these objectives and is supported by an identified funding source, it may be included in the Capital Plan. Examples of such projects include planning feasibility studies, fare collection system upgrades, and transit signal priority projects to name a few. Often, funding for these projects come from external grant sources that represent new funding to the region, therefore maintaining fiscal constraint.

Once the business center divisions submit their system maintenance and enhancement capital project proposals, NFTA's Executive Management (Executive Director, Chief Financial Officer, and Manager of Financial Planning and Analysis) meet with business center directors to finalize the Capital Plan and submit it to the NFTA Board of Directors for approval. Once approved, these projects are included in both the NFTA's Capital Plan and subsequently added to the TIP/STIP.

Agency Consultation

Federal transportation legislation directs MPOs to consult as appropriate with federal, state and local agencies responsible for land use management, natural resources, environmental protection, conservation and historic preservation in the development of transportation plans and programs.

To comply with these requirements, the GBNRTC notified and invited environmental resource agencies and others to review and offer feedback on the 2017-2021 Draft TIP.

Below is a list of twenty-six (26) resource agencies contacted as part of the TIP development.

Federal Agencies

- US Environmental Protection Agency
- National Park Service
- US Fish and Wildlife Service

- US Army Corps of Engineers
- US Department of Agriculture/Natural Resource Conservation Service
- Federal Aviation Administration
- National Marine Fisheries

State Agencies

- NYS Department of Environmental Conservation
- NYS Department of Agriculture (Agriculture Protection)
- NYS Soil and Water Conservation Committee
- NYS Office of Parks, Recreation and Historic Preservation
- Department of State Coastal Resources
- New York State Department of Health
- Empire State Development Corporation
- NYS Department of State
- NYS Parks Recreation and Historic Preservation

Local/Regional Agencies

- Niagara County Soil and Water Conservation District
- Erie County Soil and Water Conservation District
- Erie County Environmental Management Council
- Niagara County Center for Economic Development
- UB - Historic Preservation
- Preservation Buffalo Niagara
- Buffalo Sewer Authority
- Buffalo Riverkeeper
- City of Buffalo Strategic Planning

Other

- Seneca Nation of Indians

The GBNRTC will continue to utilize the linkages established with these consulting agencies especially regarding possible impacts and potential mitigation activities of projects identified in the long range plan or TIP.

Data related to cultural, natural, and historic resources in the region has been compiled for this TIP. This data was then cross-referenced with project locations. The result was a table and a set of geographic maps that identify projects within one mile of defined resource sensitive areas that can be found in the section titled, "Project Location Maps". This information was made available to the above agencies for comment during the 30-day TIP public review period.

An environmental assessment will be conducted for each project by its lead agency as it advances to ascertain the true nature of any potential impact.

Additional Considerations

Congestion Management Process

Federal transportation legislation requires that each metropolitan planning area in the United States have a Congestion Management Process (CMP). The Congestion Management Process is a planning tool used by GBNRTC to analyze the transportation system and plan and implement travel demand reduction and operational management strategies to reduce or minimize congestion. A CMP aims to:

- Manage or reduce the existing congestion
- Efficiently utilize existing transportation facilities
- Maximize the mobility of persons and goods
- Keep future congestion problems from occurring

The CMP is a systematic process for managing congestion that provides information on transportation system performance and on alternative strategies for alleviating congestion and enhancing the mobility of persons and goods to levels that meet State and local needs. It represents one component of the larger regional transportation planning process; it does not operate independently nor does it account for all aspects of planning. Congestion is obviously not the only variable that needs to be considered when determining transportation priorities. The role of the CMP is to provide public agencies and decision-makers with a tool to examine congestion in greater detail.

The process of congestion management is reasonably mature in the GBNRTC region, as the MPO specifically allocates resources in the TIP for congestion management projects. This integrated approach provides consistent and focused congestion management opportunities and operational analyses. Further, a comprehensive regional operations agency, the Niagara International Transportation Technology Coalition (NITTEC), has been in place and actively functioning to coordinate systems operation. This group includes all GBNRTC members as well as Canadian partners in a regional approach to systems operations efficiency. NITTEC is currently completing a Regional Concept of Transportation Operations document, which is fully embodied in the CMP, and an Integrated Corridor Management demonstration to cooperatively put operations management practices in place in a major Bi-National corridor.

This 2017-2021 TIP includes funding for projects which advance the specific strategies introduced in the Buffalo-Niagara metropolitan area that will contribute to a more effective use and improved safety of existing and future transportation systems. These projects include:

- Demand management measures
- Traffic operational improvements
- Public transportation improvements
- ITS technology Implementation

Safety

The ultimate goals relative to safety remain the same as in previous Transportation Improvement Plans:

- Reduce fatalities and severe injuries on public roadways in the Buffalo-Niagara region

- Positively impact transportation system performance through an overall reduction in the number of motor vehicle crashes in the Buffalo-Niagara region

To accomplish these goals, the GBNRTC explicitly considers safety as an integral part of capital investment, operations and daily management programs, early in the transportation planning process. Candidate projects proposed for the TIP reference emphasis areas outlined by the AASHTO Strategic Highway Safety Plan and internal accident analyses. Improvement projects and programs follow the strategies recommended for meeting the goals for improving safety relative to these emphasis areas. Effectively incorporating safety into plans, operations strategies and policies is an ongoing long-term process. It requires leadership commitments by establishing new institutional partnerships and strengthening existing ones.

The MPO policies to promote and support safer transportation of people and goods within the Buffalo-Niagara region include:

- Strengthening established local, state and federal partnerships, i.e., Governor’s Traffic Safety Committee (GTSC), National Highway Traffic Safety Administration (NHTSA), and other metropolitan planning organizations (MPOs) in New York State.
- Building new regional safety coalitions with county traffic safety boards and other stakeholders in the engineering, enforcement, research and educational communities.
- Maintaining consistency and supporting state and local highway safety plans and programs in effect throughout the region; particularly the NYS Strategic Highway Safety Plan.
- Sharing information, knowledge and resources with partners, while avoiding service duplication.
- Determining and communicating the impacts of safety countermeasure investments.
- Incorporating behavioral and infrastructure countermeasure strategies.

The GBNRTC and other metropolitan planning organizations in New York State take a consultative and comprehensive approach to addressing safety through a Safety Working Group (SWG). The SWG strives to build coalitions across organizational boundaries and with other stakeholders in the engineering, enforcement, education and emergency medical services (EMS) disciplines. This coalition of MPO staff also collaborates to advance safety initiatives intended to preserve, maintain, and improve safety for all users by sharing resources for safety planning research and training.

Security

Security became a separate planning factor to be considered in transportation plan development starting with the 2005 federal transportation enabling legislation named The Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

The FAST Act advances security by addressing key security provisions security issues that pertain to cybersecurity and other protections for the electric grid.

- The Driver Privacy Act establishes rights to the data stored by event data recorders in vehicles (often referred to as “black box” data).
- Provides \$400 million over the next four years to support Intelligent Transportation Systems (ITS), with particular attention to cybersecurity for such systems.

- Requires the Secretary of Transportation to issue a report and recommendations on the “Internet of things to improve transportation services in rural, suburban, and urban areas.” The report will review best practices to protect privacy and security.

New York’s Transportation Plan for 2030 identifies security as one of five Priority Results Areas. The Plan is centered on users’ expectations of the State’s transportation system and specifically mentions security for the traveling public, the State’s international entry ports, and all cargoes entering or exiting New York State. NYSDOT’s security goal is to develop, maintain, and implement effective incident/emergency management practices that will address preparedness, mitigation, response, and recovery for both natural and man-made disasters.

Continuing to recognize that planning has a role in critical elements of transportation security, the 2040 Metropolitan Transportation Plan Update revisits statewide, regional, and local emergency and security plans to ensure the most relevant information is incorporated into the transportation planning process.

Title VI and Environmental Justice

Both federal and state legislation require that the transportation planning process and outcome are fair, equitable and non-discriminatory.

On December 14, 2012 the GBNRTC approved the Transportation Equity Statement and Title VI Plan (Resolution 2012-22). The document contains written procedures that demonstrate the Council's commitment to ensuring nondiscrimination based on grounds of race, color, sex, age, disability or national origin, within any of its activities, programs or projects as required by federal non-discrimination statutes, regulations, and orders. Compliance with such regulations is demonstrated through annual planning process certification. Analyses from these efforts are used to advance project candidates and assess transportation program impacts.

A set of maps that overlay TIP project locations with defined Environmental Justice locations are included in this document in the “Project Location Maps” section.

For more information on the GBNRTC and Environmental Justice activities visit <http://www.gbnrtc.org/environmentaljusticetitlevi/>.

Coordinated Human Services Transportation Plan

GBNRTC policy concerning accommodation for older adults and individuals with disabilities is consistent with federal regulations. These regulations mandate that special efforts are made for the target group in planning and programming transportation projects in the Niagara Frontier Region.

In compliance with federal directives, the GBNRTC updated and approved the Coordinated Human Services Transportation Plan (HSTP) in December 2011. The purpose of the HSTP is to help improve transportation services for persons with disabilities, older adults, and individuals with limited incomes in the Erie and Niagara Counties. The plan provides a framework for the development of projects that will address the transportation needs of the target population by ensuring that this two-county area and its human service agencies coordinate transportation resources offered through multiple Federal Transit Administration programs, such as Enhanced Mobility of Seniors and Individuals with Developmental Disabilities / New Freedom funding (5310/5317), into a cohesive structure.

The HSTP identifies the following, through maps and the extensive analysis, in order to more clearly delineate and define transportation service gaps:

- Geographic distribution of low income household population
- Geographic distribution of disabled and elderly population
- Geographic distribution of employment centers/employment support services
- Geographic distribution of medical centers/support services and/or human service-related activities
- Identifying non-geographic barriers to transportation service use
- Identifying transportation gaps between the target population’s residential locations and employment or medical/human service opportunities

Analyses from this effort are used to advance project candidates and assess transportation program impacts. The full HSTP document may be downloaded from the GBNRTC website:

<http://www.gbnrtc.org/humanservicestransportationplan/>

Freight and Goods Movement

Even with only moderate economic growth—about 3 percent a year—freight movements across all modes are expected to increase significantly. Federal surface transportation acts emphasize the need for state and metropolitan multimodal and intermodal transportation planning and programming activities to include freight along with passenger transportation.

Over the last decade, the incorporation of freight issues into the transportation planning activities of state departments of transportation and metropolitan planning organizations has received significant focus. Much of this focus has been on integrating freight into the planning portion of the project delivery process.

The GBNRTC continues to develop and implement a framework for incorporating freight needs for all modes into transportation planning and priority programming. These needs have been (and continue to be) researched and documented in the following sources:

- GBNRTC Urban Area Freight Transportation Study
- New York State Rail Plan
- International Trade Gateway Organization (ITGO) Strategic Plan
- National Freight Strategic Plan
- New York State Freight Plan (2017)

The FAST Act largely emphasizes the importance of our nation’s freight system and the existing strains that need to be addressed. The Act authorizes two new funding programs:

1. A \$4.5 billion competitive grant program, prioritizing “nationally significant freight and highway projects” in urban and rural areas across the country. The program not only awards grants to a wide variety of applicants, such as metropolitan planning organizations, port

authorities, and other multi-state entities, but also covers an expansive number of eligible projects beyond highways, including those connected to major intermodal and port-related facilities.

2. A \$6.3 billion freight formula program, aiming to target investments on a newly-designated “National Highway Freight Network” in addition to other critical urban and rural freight corridors. While the measures used to distribute this funding remain fairly narrow—largely focusing on mileage, similar to what was proposed in previous legislation—the program helps orient future federal efforts on economic concerns, including “industries and businesses that create high-value jobs.”

The GBNRTC and other metropolitan planning organizations in New York State take a consultative and comprehensive approach to addressing freight issues, policy and needs through a Freight Working Group (FWG).

The GBNRTC also serves on the Infrastructure Working Group of the International Trade Gateway Organization (ITGO). ITGO is a public-private partnership seeking to market and develop the hard and soft logistics infrastructure/capabilities of the region and was developed as a direct result of recommendations from the GBNRTC’s Urban Area Freight Transportation Study (2009).

Public Outreach and Involvement

The GBNRTC officially adopted an updated Public Participation Plan on December 12, 2011 specifying actions to be followed for certain GBNRTC activities. The policy specifically outlines the opportunities and process to be followed for development of the TIP. The community participation program seeks to provide continuing opportunities for individuals and community groups to participate in the planning process. Opportunities are provided for public input at all stages of planning and project development process. The efforts undertaken in the development of the TIP are consistent with the GBNRTC official Public Participation Plan.

The GBNRTC assures that no person shall on the grounds of race, color, sex, age, disability or national origin, as provided by Title VI of the United States Civil Rights Act of 1964 and subsequent legislation, regulations, statutes and orders, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any MPO program or activity.



For this year’s 2017-2021 TIP development cycle, the public involvement and review period for the Draft TIP officially began May 2, 2016 and extended thirty (30) calendar days as required by the GBNRTC Public Participation Plan, through May 31, 2016. An email and social media blast was sent out to everyone on the GBNRTC’s email list or who subscribe to the GBNRTC’s social media sites. An announcement was also posted on the GBNRTC web site.

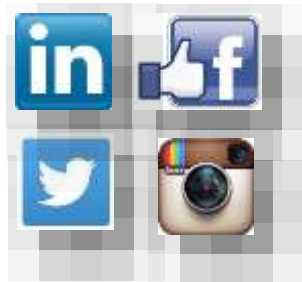
The following public meetings were scheduled and conducted to explain and discuss this draft TIP. Times and locations were purposefully staggered to provide for flexibility with busy schedules. A question and answer period followed the formal presentation.

- Buffalo and Erie County Public Library (Central Branch - Buffalo) – **May 23 from 4:00 to 5:30 pm**
- Earl W. Brydges Library Auditorium (Niagara Falls) – **May 25 from 5:30 to 7:00 pm**

Persons with special communication or accommodation needs were encouraged to contact the GBNRTC office at least one week prior to the meeting. Every reasonable effort to accommodate any such needs would be made.

Various social media outlets allowed the public to remain informed and involved throughout the TIP development and implementation process. These included:

- Web (www.gbnrtc.org)
- Twitter (@GBNRTC)
- Facebook (facebook.com/GBNRTC)
- Instagram (@GBNRTC)
- LinkedIn



Outreach efforts were fully documented and are presented later in this document. This includes any formal public comments received through any media type. All comments and questions were promptly acknowledged and answered. The GBNRTC TPS and PCC considered all comments received by May 31, 2016 prior to making their program recommendations to the Policy Committee.

TIP Schedule and Milestones

About one year prior to the TIP's release, the GBNRTC staff began to meet with member agencies at the monthly TPS meetings and compiled a completion schedule that included four major work tasks:

1. Project Development – Provide system condition data to member agencies and Intake project proposals
2. Project Review – Prioritize projects and develop a financially constrained list
3. Public Review – 30-day public review period including two (2) public information meetings
4. Approval – The TIP must be approved by the GBNRTC Policy Board, NYSDOT and FHWA

The complete TIP development and completion schedule follows.

<u>Major Activity</u>	<u>Sub-Activity</u>	<u>Date</u>
Project Development	Review system conditions and existing candidate projects	July – Sept 2015
	Distribute TIP guidebook	Sept, 2015
	Call for new projects	Sept – Oct 2015
	Project IPPs due	Nov 1, 2015
	Staff Processing of project proposals	Nov 13, 2015
	Project proposal presentation opportunity - TPS	Nov 15, 2015
Project Review	TPS meetings to review proposals, develop initial project list and refine initial project list	Nov 2015 – Mar 2016
	Initial TPS project list review	Mar - Apr, 2016
	Financially constrained project listing developed	April 20-26, 2016
	TPS recommends project listing to PCC	April 27, 2016
	PCC meeting to approve project listing and initiate public review	May 4, 2016
Public Review	Thirty day public review, Interagency Consultation	May 2 to May 31, 2016
	Public meetings	May 23 and May , 2016
	TPS consideration of public comments received and recommendation to PCC	May 2 to May 31, 2016
	PCC to review TPS recommendations and recommend to Policy Committee	June 1, 2016
Approval	Policy Committee approval	Mid June, 2016
	NYSDOT Main Office and FHWA approval	July – Sept, 2016
	New TIP takes effect	October 1, 2016

2040 Metropolitan Transportation Plan (MTP) Project Status

The Program Development section discusses how future projects identified in the 2040 Long-Range Metropolitan Plan are included in the TIP project selection process. Certain transportation improvement proposals have been/will be deemed conceptually complex and in need of future study. In these instances some long-range transportation items will become Unified Planning Work Program tasks or consultant-lead feasibility-type studies to further refine alternatives and establish costs.

The table below provides the current status of the projects defined in the 2040 MTP.

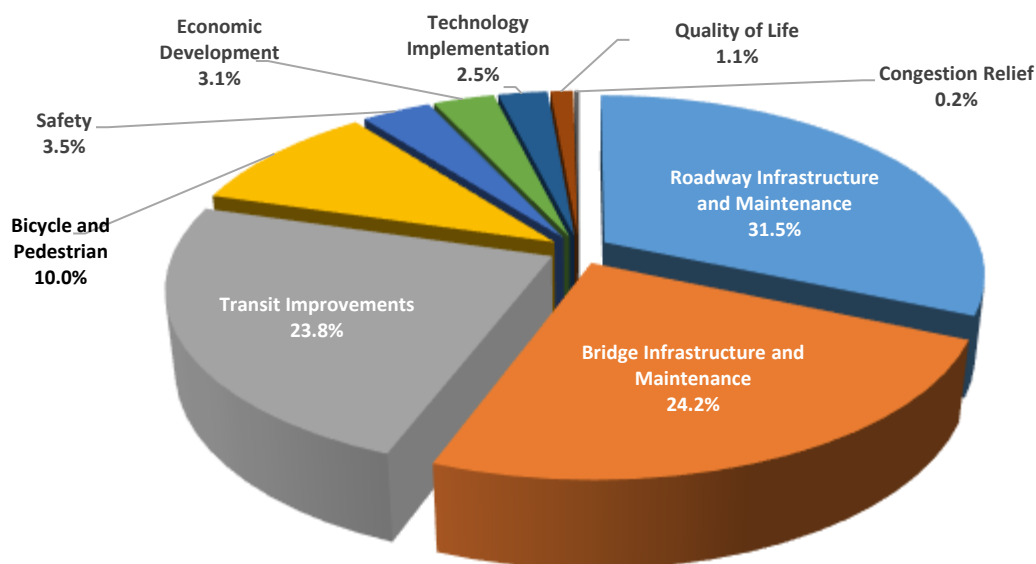
Project	Description	Agency	Status
Preservation and Local Capital Investments	Basic roadway & bridge investments to maintain current system	All	Ongoing Effort – See TIP project listings
Beyond Preservation Investments	Reconstruction & replacement of roads and bridges on current system	All	Ongoing Effort – See TIP project listings
Buffalo-Amherst Corridor Transit Enhancements	University Station to Crosspointe	NFTA	Ongoing Effort - Amherst-Buffalo Alternative Analysis Study (2013)
South Grand Island Bridge	New South Grand Island Bridge with six travel lanes	Thruway	Future Endeavor
Preventive Maintenance/Paratransit	Transit system investments	NFTA	Ongoing Effort – See TIP project listings
TIP FFY 2016-18 (committed)	Previously programmed projects	All	Ongoing Effort – See TIP project listings
Metro Bus Replacements	Vehicle replacements to meet average fleet age criteria	NFTA	Ongoing Effort – See TIP project listings
I-90 Widening between Exit 50 and Exit 53	Two lanes added in each direction subject to revision in Buffalo Corridor Study to bring highway to acceptable LOS in 2040.	Thruway	Future Endeavor
NYS Thruway Preservation and Capital Investments	Basic Thruway capital and maintenance needs in WNY	Thruway	Ongoing Thruway Authority Effort
Toll Barrier & Toll Collection Modernization	Re-strategize toll locations and collection operations	Thruway	Future NFTA Endeavor
Light Railcar Replacements	End of service life replacement of LRRT cars	NFTA	Ongoing Effort
I-90/290 Interchange Improvement (Exit 50)	Reconfigure interchange at Blue Water Tower (50%)	Thruway, NYSDOT	Future Endeavor
Tonawanda Corridor Transit Enhancements	LaSalle Station to Tonawanda City (Main and Niagara Street)	NFTA	No study/project planned at this time
Bicycle Pedestrian Projects	Implementation of the Bicycle/Pedestrian Master Plan	All	Ongoing Effort – See TIP project listings
Escalator Rebuilds	Rebuild LRRT station escalator systems	NFTA	Ongoing Effort – See TIP project listings
Canalside-Cobblestone District Transit Enhancements	Lower Main Street enhancements and amenities	NFTA	Ongoing Effort - NFTA Access Enhancement Study for Canalside and Cobblestone Districts (2014)
NFTA Program Management	Management oversight of transit projects	NFTA	Ongoing Effort – See TIP project listings
Light Rail Trackbed Replacement	Rebuild of LRRT trackbed	NFTA	Ongoing effort – Fourth phase of Cars on Main Street Project on Lower Main St (2017)

Program Summary and Highlights

The following pages provide a sampling of the major projects included in the 2017-2021 TIP. Although a project programmed in the TIP is expected to be implemented, it is important to note that it is not a guarantee. A project may be delayed or even dropped as regional priorities change, funding appropriations fail to meet authorization levels, or unforeseen delays occur. The Transportation Projects Subcommittee (TPS), an administrative subcommittee established by the GBNRTC, is charged with addressing any and all issues pertaining to the development, maintenance and monitoring of the region's TIP. The role of the TPS and the processes for managing the TIP were explained previously.

The 2017-2021 TIP contains 206 projects within the two-county area. While recognizing that most projects address more than one objective, the principal project purpose as shown in the table and pie chart below illustrate the variety of transportation projects constituting this current program and how approximately \$642.5 million of anticipated, matched federal funding is being allocated across competing regional priorities.

Project Type	\$M (Matched)
Roadway Infrastructure / Maintenance	\$202.565
Bridge Infrastructure / Maintenance	\$155.351
Transit Improvements	\$153.156
Bicycle/Pedestrian	\$64.032
Safety	\$22.570
Economic Development	\$19.879
Technology Implementation	\$16.046
Quality of Life	\$7.300
Congestion Relief	\$1.590
Total	\$642.489



The following listing is a sampling of some of the major projects programmed for implementation in the 2017-2021 TIP. The detailed list of projects can be found later in this document.

**Roadway
Infrastructure &
Maintenance**



- Buffalo Roadway Rehab
- BNMC; Allen St; Phase 3
- RT 400; RT 20a - Jamison Rd
- Maple Rd; North Forest - RT 78
- Walmore Rd; RT 62 - Lockport Rd
- Buffalo Ave: Cayuga Dr - 102nd St
- RT 324; Evans/Hopkins - RT 78

**Bridge
Infrastructure &
Maintenance**



- Elk St Over Norfolk Southern
- I-290 Over NFTA Corridor
- Ohio Street / Buffalo River Bridge Repairs
- RT 219 Bridges; Erie County
- RT 93 & 425 Bridge Over E. Branch 12 Mile Creek
- South Ogden/Buffalo River
- CR 82 (Mill St)/Cattaraugus Creek

**Transit
Improvements**



- Preventive Maintenance
- Purchase Revenue Vehicles
- Purchase Paratransit Vehicles

**Bicycle &
Pedestrian**



- Williamsville Picture Main St TEP
- Town Of Evans Multi-Use Pathway, Phase III
- West River Connector Trail, TAP 2014
- Niagara Gorge Bicycle/Ped Trail
- Buffalo Riverwalk Shoreline Trail Project
- Tonawanda Rails To Trails Extension
- Elmwood Ave Bike-Ped Improvements

Safety



- RT 5 @ Bayview
- RT 5 & Old Lakeshore Rd Intersection Improvements
- Safety Improvements @ Sibley Rd & Cr 409 & RT 240
- Colvin Blvd @ Brighton Rd; Safety Improvements
- Walden Ave @ Galleria Drive Intersection
- RT 62 @ Delevan Ave; Safety Improvements

Economic Development



- Cars On Main Street Buffalo; Lower Main
- John B Daly Blvd; Niagara St To Pine Ave

Technology Implementation



- NITTEC TOC Annual Staffing
- ITS Maintenance
- Overhead VMS Replacement On RT 400 NB
- Overhead VMS Replacement At I-990 SB

Quality of Life



- Niagara St Sustainable Corridor & Community Integration Project

Financial Plan

Funding for transportation plans and projects comes from a variety of sources including the federal government, state government, special authorities, local government contributions, and tolls.

For the purpose of developing the TIP, the MPO, the regional public transit agency and the State must cooperatively develop estimates of funds that are reasonable expected to be available to support program implementation. These estimates are included in this financial plan.

The financial plan is a federal requirement that must contain the following:

- Anticipated resources from public and private sources to pay for the plan
- Demonstration of how the TIP can be implemented
- Innovative/alternative project financing sources and techniques

Funding Programs

Federal legislation requires that revenue forecasts be developed cooperatively by the GBNRTC, the NYSDOT and the NFTA in order to identify how much funding is likely to be available for advancing transportation projects in an area. Fiscal constraint means the projects within the TIP can be realistically advanced in terms of available federal funding. In other words, it is not just a “wish list” of projects. While the TIP deals specifically with federally funded projects, the program development process creates an opportunity to comprehensively coordinate all regional transportation investments thereby maximizing funding impacts and long-range goal attainment.

The FFY 2017-2021 TIP includes the current federal transportation authorization act know as Fixing Americas Surface Transportation (FAST Act) which was signed into law on Friday, December 4, 2015. The FAST Act authorizes \$305 billion over fiscal years 2016 to 2020, including \$225.2 billion for highways and \$48.7 billion for transit. The law provides an increase of 5.1 percent (\$2.1 billion) for highway spending, which then continues to grow at 2.1 to 2.4 percent per year through FY 2020. The bill increases transit funding by nearly 18 percent over five years. The FAST Act continues nearly all of the highway and transit formula programs of MAP-21

TIP program development has been guided as in the past by an extensive analysis of financial resources available to the region. Included in the financial plan are federal resources from the Highway Trust Fund and U.S. General Fund allocated in FAST Act, state motor fuel taxes, bonding authority of the State of New York, and taxing and bonding authority of local municipalities.

Project proposals are not expected to identify potential funding sources for projects but are sponsors are encouraged to submit proposals that best meet their needs. The GBNRTC/NYSDOT Region 5 team will then identify funding programs for which the proposals are eligible.

The following is a representative, but not exhaustive, list of the types of projects eligible for these funding programs.

National Highway Performance Program (NHPP)

The National Highway Performance Program (NHPP) provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.

Under MAP-21, the enhanced NHS is composed of approximately 220,000 miles of rural and urban roads serving major population centers, international border crossings, intermodal transportation facilities, and major travel destinations. It includes:

- All Principal Arterials (including the Interstate System) and border crossings on those routes
- Intermodal connectors -- highways that provide motor vehicle access between the NHS and major intermodal transportation facilities
- STRAHNET -- the network of highways important to U.S. strategic defense
- STRAHNET connectors to major military installations

The following types of projects are eligible for NHPP funds:

- Construction, reconstruction, resurfacing, restoration, rehabilitation, preservation, or operational improvements of NHS segments
- Construction, replacement (including replacement with fill material), rehabilitation, preservation, and protection (including scour countermeasures, seismic retrofits, impact protection measures, security countermeasures, and protection against extreme events) of NHS bridges and tunnels
- Bridge and tunnel inspection and evaluation on the NHS and inspection and evaluation of other NHS highway infrastructure assets
- Construction, reconstruction, resurfacing, restoration, rehabilitation, and preservation of, and operational improvements for, a Federal-aid highway not on the NHS, and construction of a transit project eligible for assistance under 40 United States Code (USC) 14501, if the project is in the same corridor and in proximity to a fully access-controlled NHS route, if the improvement is more cost-effective (as determined by a benefit-cost analysis) than an NHS improvement, and will reduce delays or produce travel time savings on the NHS route and improve regional traffic flow;
- Dedicated bicycle and pedestrian facilities and bicycle and pedestrian facilities that are part of larger reconstruction, replacement, rehabilitation, and preventive maintenance projects on NHS segments
- Highway safety improvements on the NHS
- Capital and operating costs for traffic and traveler information, monitoring, management, and control facilities and programs
- Infrastructure-based ITS capital improvements
- Construction of publicly owned intracity or intercity bus terminals servicing the NHS.

Surface Transportation Program (STP)

The Surface Transportation Program (STP) provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.

The following types of projects are eligible for STP funds:

- Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for federal-aid highways, including designated routes of the Appalachian Development Highway System (ADHS) and local access roads under 40 USC 14501
- Replacement, rehabilitation, preservation, protection, and anti-icing/deicing for bridges and tunnels on any public road, including construction or reconstruction necessary to accommodate other modes
- Construction of new bridges and tunnels on a Federal-aid highway
- Inspection and evaluation of bridges, tunnels and other highway assets as well as training for bridge and tunnel inspectors
- Capital costs for transit projects eligible for assistance under 49 USC 53, including vehicles and facilities used to provide intercity passenger bus service
- Carpool projects, fringe and corridor parking facilities and programs, including electric and natural gas vehicle charging infrastructure, bicycle transportation and pedestrian walkways, and ADA sidewalk modification
- Highway and transit safety infrastructure improvements and programs, installation of safety barriers and nets on bridges, hazard eliminations, mitigation of hazards caused by wildlife, railway-highway grade crossings
- Capital and operating costs for traffic monitoring, management and control facilities and programs, including advanced truck stop electrification
- Dedicated bicycle and pedestrian facilities and bicycle and pedestrian facilities that are part of larger reconstruction, replacement, rehabilitation, and preventive maintenance projects
- Development and establishment of management systems
- Environmental mitigation efforts (as under National Highway Performance Program)
- Intersections with high accident rates or levels of congestion;
- Infrastructure-based ITS capital improvements;
- Congestion pricing projects and strategies, including electric toll collection and travel demand management strategies and programs
- Recreational trails projects
- Truck parking facilities
- Development and implementation of State asset management plan for the NHS, and similar activities related to the development and implementation of a performance based management program for other public roads
- Construction and operational improvements to a Rural Minor Collector in the same corridor and in proximity to an NHS route if the improvement is more cost-effective (as determined by

a benefit-cost analysis) than an NHS improvement and will enhance NHS level of service and regional traffic flow

Highway Safety Improvement Program (HSIP)

The Highway Safety Improvement Program (HSIP) provides funding to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned public roads and roads on tribal lands.

The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. A highway safety improvement project is any strategy, activity or project on a public road that is consistent with the data-driven New York State Strategic Highway Safety Plan (NYSSHSP) and corrects or improves a hazardous road location or feature or addresses a highway safety problem.

The NYSSHSP is available for download at:

<https://www.dot.ny.gov/divisions/operating/osss/highway/strategic-plan>

Formula based Regional HSIP allocations will account for approximately 50% of the available HSIP funds. The remaining 50% will be administered centrally. Centrally administered funds will be used to finance statewide safety project solicitations, pedestrian safety corridors and initiatives defined during the development of 3 action plans to address pedestrian, intersection and lane departure crashes.

When a new round of statewide safety funding is announced, NYSDOT will solicit projects and provide guidance to MPOs. Winning projects will be added to the TIP via established Change Guidelines (5/13).

Federal Transit Administration Section 5307 - Urbanized Area Formula Program

FTA Section 5307 provides grants to Urbanized Areas¹ (UZA) for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances. These funds constitute a core investment in the enhancement and revitalization of public transportation systems in the nation's urbanized areas, which depend on public transportation to improve mobility and reduce congestion.

Eligible activities include:

- Capital projects
- Planning
- Job access and reverse commute projects that provide transportation to jobs and employment, opportunities for welfare recipients and low-income workers
- Operating costs in areas with fewer than 200,000 in population

- Operating costs, up to certain limits, for grantees in areas with populations greater than 200,000, and which operate a maximum of 100 buses in fixed-route service during peak hours (rail fixed guideway excluded)

Federal Transit Administration Section 5309 - Fixed-Guideway Capital Investment Grants

Provides grants for new and expanded rail, bus rapid transit, and ferry systems that reflect local priorities to improve transportation options in key corridors. This program defines a new category of eligible projects, known as core capacity projects, which expand capacity by at least 10% in existing fixed guideway transit corridors that are already at or above capacity today, or are expected to be at or above capacity within five years. The program also includes provisions for streamlining aspects of the New Starts process to increase efficiency and reduce the time required to meet critical milestones.

Eligible activities include:

- New fixed-guideways or extensions to fixed guideways (projects that operate on a separate right-of-way exclusively for public transportation, or that include a rail or a catenary system)
- Bus rapid transit projects operating in mixed traffic that represent a substantial investment in the corridor
- Projects that improve capacity on an existing fixed-guideway system

Federal Transit Administration Section 5310 – Enhanced Mobility of Seniors & Individuals with Disabilities

This program supports transportation services planned, designed, and carried out to meet the special transportation needs of seniors and individuals with disabilities in all areas – large urbanized (over 200,000), small urbanized (50,000-200,000), and rural (under 50,000). Eligible projects include both traditional capital investment and nontraditional investment beyond the Americans with Disabilities Act (ADA) complementary paratransit services.

Eligible activities include:

- At least 55% of program funds must be used on capital or “traditional” 5310 projects. Examples include:
 - Buses and vans; wheelchair lifts, ramps, and securement devices; transit-related information technology systems including scheduling/routing/one-call systems; and mobility management programs.
 - Acquisition of transportation services under a contract, lease, or other arrangement. Both capital and operating costs associated with contracted service are eligible capital expenses. User-side subsidies are considered one form of eligible arrangement. Funds may be requested for contracted services covering a time period of more than one year. The capital eligibility of acquisition of services as authorized in 49 U.S.C. 5310(b)(4) is limited to the Section 5310 program.

- The remaining 45% is for other “nontraditional” projects. Under MAP-21, the program was modified to include projects eligible under the former 5317 program, described as: Capital and operating expenses for new public transportation services and alternatives beyond those required by the ADA, designed to assist individuals with disabilities and seniors. Examples include:
 - Travel training; volunteer driver programs; building an accessible path to a bus stop including curb-cuts, sidewalks, accessible pedestrian signals or other accessible features; improving signage, or way-finding technology; incremental cost of providing same day service or door-to-door service; purchasing vehicles to support new accessible taxi, rides sharing and/or vanpooling programs; and mobility management programs.
- Mobility management is eligible for 100% of 5310 funding.

Federal Transit Administration Section 5337 - State of Good Repair Grants

FTA’s first stand-alone initiative written into law that is dedicated to repairing and upgrading the nation’s rail transit systems along with high-intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT). These funds reflect a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development.

Eligible activities include:

- Capital projects to maintain a system in a state of good repair, including projects to replace and rehabilitate: rolling stock; track; line equipment and structures; signals and communications; power equipment and substations; passenger stations and terminals; security equipment and systems; maintenance facilities and equipment; and operational support equipment, including computer hardware and software
- Transit Asset Management Plan development and implementation

Federal Transit Administration Section 5339 – Bus and Bus Facilities

Provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.

Eligible activities include:

- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment
- Construction of bus-related facilities

Congestion Mitigation and Air Quality (CMAQ)

The CMAQ program was implemented to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief. The program provides funding to support transportation project in air quality non-attainment areas.

Projects must contribute to attainment of national ambient air quality standards by reducing pollutant emissions from transportation sources. Funding is distributed based on each state's share of the population of air quality non-attainment areas weighed by severity of air pollution.

CMAQ projects can generally be classified in one of the following categories:

- Transit Improvements
- Shared-Ride Services
- Traffic Flow Improvements (non-SOV construction)
- Demand Management Strategies
- Pedestrian and Bicycle Programs
- Inspection and Maintenance Programs

Effective on July 20, 2013, the GBNRTC is no longer considered to be in nonattainment status for Ozone, as standards reverted to a previous requirement. While the MPO area continues to be eligible for CMAQ funding, direct allocations of CMAQ funds are not being made to the GBNRTC planning area at this time. However, eligible projects may still be submitted to NYSDOT for consideration using unallocated state CMAQ funds.

Transportation Alternatives (TA)

The FAST Act's Transportation Alternatives set-aside of Surface Transportation Block Grant (STBG) funding supersedes the Transportation Alternatives Program (TAP) from the Moving Ahead for Progress in the 21st Century (MAP-21). These set-aside funds include all projects and activities that were previously eligible under TAP.

- The following activities when carried out as part of any program or project authorized or funded under this title, or as an independent program or project related to surface transportation
 - Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990
 - Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs

- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.
- Construction of turnouts, overlooks, and viewing areas.
- Community improvement activities, which include but are not limited to:
 - Inventory, control, or removal of outdoor advertising;
 - Historic preservation and rehabilitation of historic transportation facilities;
 - Vegetation management practices in transportation rights-of-way to improve roadway safety, prevent against invasive species, and provide erosion control; and
 - Archaeological activities relating to impacts from implementation of a transportation project eligible under title 23.
- Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation
 - To address storm water management, water pollution prevention, vehicle caused wildlife mortality, connectivity among terrestrial and aquatic habitats
- Recreational Trails Program (RTP)
- Safe Routes to School Program (SRTS)
- Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways

When a new round of funding is announced, NYSDOT, together with the GBNRTC, will schedule several informational workshops to inform prospective applicants and project sponsors of program requirements, the application process and requisites, and an overview of federal and state rules and regulations necessary to ensure projects are developed, designed and constructed in accordance with these requirements. Attendance at one of these workshops is required in order to be eligible for Transportation Alternatives (TA) funding.

Eligible applications will be evaluated, rated and prioritized by TA Regional Evaluation Teams using project rating criteria. All applications will be reviewed, rated and ranked by all members of an Evaluation Team to ensure a consistent, fair, equitable and transparent process is undertaken. Evaluation teams consist of MPOs and NYSDOT.

TA funds are additional federal transportation funds to the region and are not included in regional funding planning targets. Projects receiving TA awards will be added to the TIP following a 20-day public review and comment period via amendment in accordance to the established TIP Change Guidelines (5/13).

Statewide Priority Projects

NYS DOT has reserved 25% of expected National Highway Performance Program (NHPP) funds and Surface Transportation Program (STP) Off-System Bridge funds from each MPO for statewide distribution on a competitive basis. Statewide competition for these funds offers an opportunity to increase regional funding and to advance new projects considered critical to renew and strategically enhance the state's overall transportation system. Larger, strategic, beyond preservation projects which may be beyond the funding limitations of current planning targets would be eligible for this program.

When a new round of funding is announced, NYS DOT will solicit projects and provide guidance to MPOs. Projects receiving Statewide Priority awards will be added to the TIP following a 20-day public review and comment period via amendment in accordance to the established TIP Change Guidelines (5/13).

Transportation Investments Generating Economic Recovery (TIGER)

The Transportation Investment Generating Economic Recovery, or TIGER Discretionary Grant program, provides a unique opportunity for the DOT to invest in road, rail, transit and port projects that promise to achieve national objectives. The eligibility requirements of TIGER allow project sponsors at the State and local levels to obtain funding for multi-modal, multi-jurisdictional projects that are more difficult to support through traditional DOT programs.

The USDOT uses a rigorous process to select projects with exceptional benefits, explore ways to deliver projects faster and save on construction costs, and make investments in our Nation's infrastructure that make communities more livable and sustainable.

The TIGER program is very competitive and only a small number of the hundreds of applications received each year are selected.

Once a new round of funding is announced, applicants have the opportunity to submit a pre-application, and an application. GBNRTC staff is available to members to provide technical assistance during the application process.

TIGER funds are additional federal transportation funds to the region and are not included in regional funding planning targets. Projects receiving TIGER awards will be added to the TIP following a 20-day public review and comment period via amendment in accordance to the established TIP Change Guidelines (5/13).

Consolidated Local Street and Highway Improvement Program (CHIPS), PAVE-NY and BRIDGE-NY

The Consolidated Local Street and Highway Improvement Program (CHIPS), PAVE-NY and Bridge-NY programs provide State funds to municipalities to support the construction and repair of highways, bridges, highway-railroad crossings, and other facilities that are not on the State highway system.

A discussion of these funds is included in this section on federal funding because they may be used for the local match portion of federal-aid TIP projects or to supplement federal funding for projects (provide a larger local match).

The applicable rules for the CHIPS Program are contained in Section 10-c of the State Highway Law. Apportionments to municipalities are calculated annually by the New York State Department of Transportation (NYSDOT) according to formulas specified in this section of the Law.

Upon approval of the State Budget, NYSDOT determines each municipality's final CHIPS Capital apportionment for the new State fiscal year and notifies them of the available amount via the letter for the scheduled June payment and a posting to the Capital Apportionment Balances link on the CHIPS website. The 2016-17 New York budget provides \$438 million in direct funding for the CHIPS.

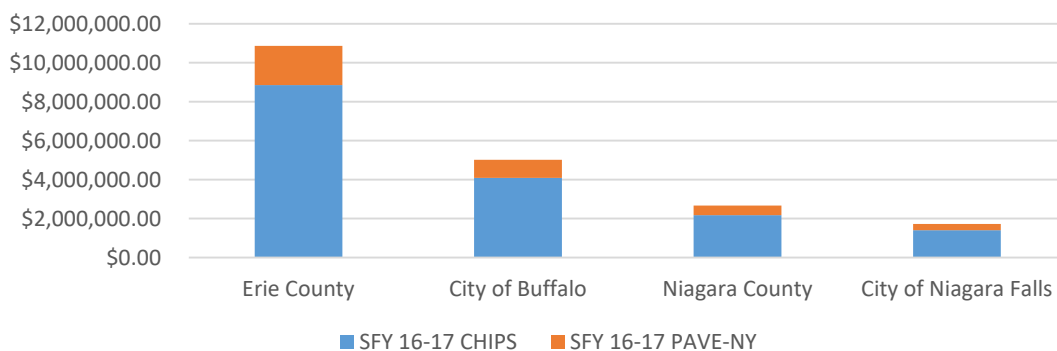
In order to be eligible for CHIPS Capital reimbursement, the capital project must:

1. Be undertaken by a municipality
2. Be for highway-related purposes
3. Have a service life of 10 years or more with normal maintenance or comply with the exceptions below
4. Follow the CHIPS Guidelines

The PAVE-NY program was recently established to replace, rehabilitate, pave and maintain state and local roads. An additional \$400 million (\$100 million a year over four years) of funding for local roads will be allocated through the CHIPS funding formula from the newly established PAVE-NY program.

A BRIDGE-NY program for local bridge replacement, rehabilitation and maintenance projects has also been announced. The program allocates \$400 million, but no final announcement on how the funds will be distributed/allocated to localities are available at this time.

The SFY 16-17 breakdown for the four municipalities in the GBNRTC planning area is listed below (\$M).



	SFY 16-17 CHIPS	SFY 16-17 PAVE-NY	Total
Erie County	\$8,847,968.89	\$2,019,636.95	\$10,867,605.86
City of Buffalo	\$4,085,251.79	932,499.38	\$5,017,751.18
Niagara County	\$2,175,387.67	\$496,553.88	\$2,671,941.56
City of Niagara Falls	\$1,405,704.92	\$320,866.14	\$1,726,571.06
Total	\$16,514,313.27	\$3,769,556.35	\$20,283,869.62

Planning Targets

Regional portions of the STIP must be constrained in order for the statewide roll-up of the STIP to meet federal fiscal constraint requirements. TIP/STIP project costs should incorporate inflation and be reflected in Year of Expenditure (YOE) dollars.

New York State Department of Transportation (NYSDOT) management has responsibility for federal transportation funds and generates apportionments of federal funds to each NYSDOT region throughout the state. NYSDOT Region 5 includes Cattaraugus and Chautauqua counties as well as the designated Metropolitan Planning area of Erie and Niagara counties (GBNRTC). NYSDOT Region 5 has developed a four-county Capital Program, with project inflation rates. The GBNRTC 2017-2021 TIP is a subset of that Capital Program and fully contained within it. NYSDOT has determined that the Capital Program is constrained in total and that the TIP can also be considered as fiscally constrained.

The NYSDOT Region 5 Capital Program contains federally funded projects for this 5-year period totaling \$379.1 million (unmatched federal dollars). This does not include the transit program.

NYSDOT provides funding targets for planning purposes only. The targets do not represent a commitment of funding on behalf of the Federal Highway Administration (FHWA) or the State. In addition, information is distributed for each region detailing specific planning targets and associated fund sources necessary to address core needs/preventive/corrective maintenance targets. All regions may expect some adjustments to address federal fund source availability; however overall, the level should remain the same as the current program.

The major use of planning target funds will continue to be the programming of preventive/corrective maintenance projects. Regional preventive/corrective maintenance targets were developed so that they would either:

- Meet at least 60% of their preventive/corrective maintenance needs, or,
- Spend 80% of the total planning target on preventive/corrective maintenance activities, whichever is lower.

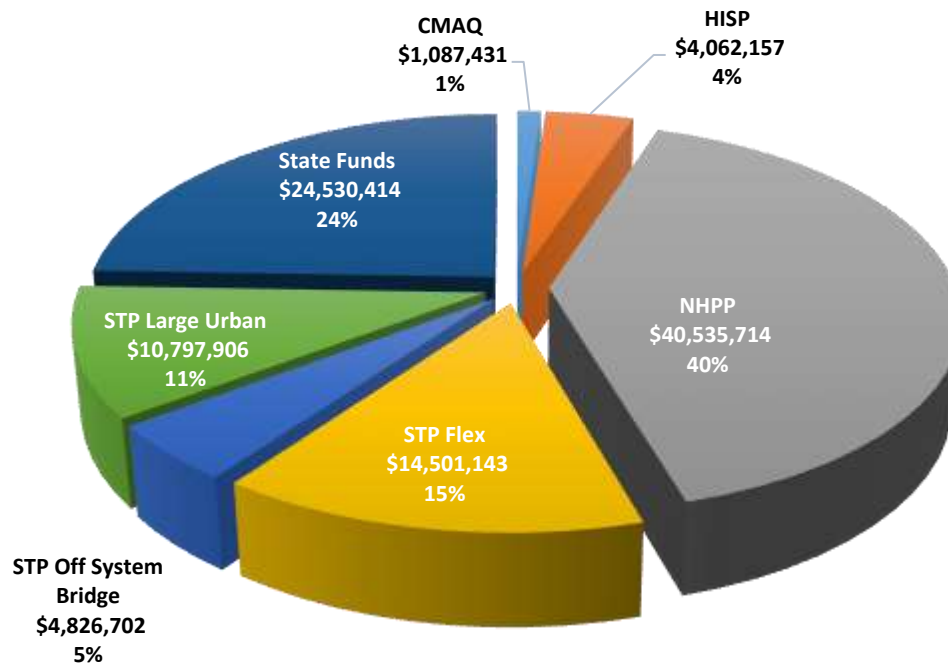
In September of 2015, Revised Funding Targets were issued by NYSDOT based on existing MAP-21 federal fund authorizations. Due to the passage of new federal surface transportation legislation (FAST Act), these targets may change slightly. However, NYSDOT Main Office has advised MPOs that the changes will not alter previous published planning targets.

Region 5 comprises four counties - Erie, Niagara, Cattaraugus, and Chautauqua. However, only Erie and Niagara Counties are located in the GBNRTC's defined MPO planning area.

In order to develop the planning targets for transit funds for the next round of TIP/STIP development an assumption was made that the final FFY 2017-2021 federal apportionments would remain flat from the FFY 2017 amounts and be held constant through FFY 2021.

Region 5 Planning Targets (Millions)

Fund Source	FFY 17	FFY 18	FFY 19	FFY20	FFY 21
CMAQ	1,087,431	1,087,431	1,087,431	1,087,431	1,087,431
HISP	4,062,157	4,062,157	4,062,157	4,062,157	4,062,157
NHPP	40,535,714	40,535,714	40,535,714	40,535,714	40,535,714
STP Flex	14,501,143	14,501,143	14,501,143	14,501,143	14,501,143
STP Off System Bridge	4,826,702	4,826,702	4,826,702	4,826,702	4,826,702
STP Large Urban	10,797,906	10,797,906	10,797,906	10,797,906	10,797,906
Federal Funds (Total)	75,811,053	75,811,053	75,811,053	75,811,053	75,811,053
State Funds	24,530,414	24,530,414	24,530,414	24,530,414	24,530,414
Total	100,341,468	100,341,468	100,341,468	100,341,468	100,341,468



Region 5 Structure Inspection Costs (Millions)

Fund Source	FFY 17	FFY 18	FFY 19	FFY20	FFY 21
NHPP	1,665,774	1,665,774	1,665,774	1,665,774	1,665,774
STP Flex	1,837,131	1,837,131	1,837,131	1,837,131	1,837,131
STP Off System Bridge	2,827,579	2,827,579	2,827,579	2,827,579	2,827,579
Federal Funds (Total)	5,790,454	2,895,227	2,895,227	2,895,227	2,895,227
State Funds	1,447,614	1,447,614	1,447,614	1,447,614	1,447,614
Structure Inspections (Total)	7,238,068	7,238,068	7,238,068	7,238,068	7,238,068

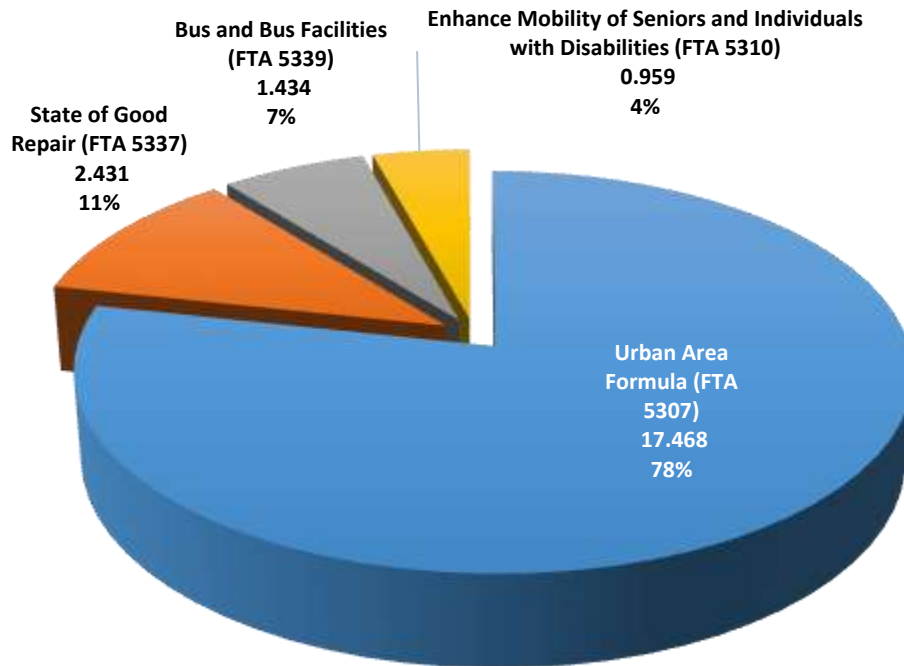
Notes:

- Total planning targets for all of Region 5 are \$93.103M (\$100.341M - \$7.238M) and includes all phases (engineering, construction and construction inspection)
- \$77.7M is the region-wide “preventative/corrective maintenance” target
- The above funding targets recognize that NYSDOT has reserved 25% of expected National Highway Performance Program funds and Surface Transportation Program Off-System Bridge funds for statewide distribution on a competitive basis
- 50% of HSIP (safety) funds will be allocated to the region. The other 50% will be set aside by the state and made available via statewide solicitation(s)
- An additional 5% of all federal funds were also reserved for emergencies and NYSDOT Commissioner Initiatives. These actions served to reduce regional targets and resulted in further reductions to local programs. Statewide competition for these funds does offer an opportunity to increase regional funding and to advance new projects considered critical to the state’s overall transportation system
- The region-wide Consolidated Local Street and Highway Improvement Program (CHIPS) is approximately \$40M (nearly \$25M for MPO members) and is not included in regional planning targets

FTA funding is based on the annual apportionments. Therefore future years of the funding are assumed and changed to actual appropriations will require subsequent changes to the TIP/STIP figures to maintain fiscal constraint.

Region 5 Transit Planning Targets (\$M)

Fund Source	FFY 17	FFY 18	FFY 19	FFY20	FFY 21 (EST)
Urban Area Formula (FTA 5307)	\$18,130,980	\$18,501,669	\$18,883,518	\$19,273,453	\$19,273,453
State of Good Repair (FTA 5337)	\$2,853,456	\$2,902,736	\$2,952,721	\$3,003,565	\$3,003,565
Bus and Bus Facilities (FTA 5339)	\$1,404,234	\$1,439,211	\$1,475,203	\$1,511,927	\$1,511,927
Total	\$22,388,670	\$22,843,616	\$23,311,422	\$23,788,945	\$23,788,945



Innovative/Alternative Funding Sources

To meet the current and future demand for transportation improvements, funding resources beyond those already in place will need to be investigated and considered. Finding new revenue sources is always challenging and support may only be achieved if there is a belief that the existing funds are being spent efficiently and providers of new financing are convinced that the benefits of the transportation investment exceed the additional cost. Some additional opportunities that could be considered include:

- User-based revenue sources
- Broadening the dedicated tax-based revenues
- Public-Private partnerships

The fiscal constraint achieved in this plan also relies upon the successful application and award of federal discretionary funds to the region. To advance larger projects, federal Transportation Improvements Generation Economic Recovery (TIGER) grants have been/continue to be used. This annual competitive grant program has allowed large projects such as Cars on Main Street (700, 600, 500, Lower Main blocks) and the Niagara Falls Intermodal Center to proceed.

Without these external innovative/alternative funding sources, many desirable projects will no longer be able to proceed.

Anticipated Future Resources

Projecting future revenues beyond the current TIP is a difficult undertaking because the revenues are derived primarily from federal, state, and local taxes as well as from programs with some revenues coming from user fees and private developers. Levels of funding from any of these sources fluctuate over time as a result of changing social or economic conditions. Federal and state programs generally depend upon legislative actions that may have higher or lower priority relative to other considerations. Local funds available to address transportation needs depend on local budget constraints that also consider competing needs. While projections of funding availability twenty-plus years into the future are not definite nor can be made with a high degree of probability, certain assumptions can be made to identify reasonable resource estimates needed for long-term planning.

Past plans have assumed that future funding estimates should be guided by a combination of historical trends, current funding program levels established by federal and state legislation, and any dedicated transportation funding programs. The revenue forecasts updated in this document primarily represent a continuation of authorized funding levels available from federal and state sources.

Utilizing these assumptions, the table on the following page estimates anticipated resources available for project implementation which were developed for the 2040 Metropolitan Transportation Plan Update (published 5/14). The table is broken up into three time periods, representing:

- 2015-2018: The period containing the last two years (2017 - 2018) of the current Transportation Improvement Program (TIP).
- 2019-2025: The time period containing the last three years (2019 – 2021) of the current TIP.
- 2026-2040: The final 15-year time period covering through the Metropolitan Transportation Plan horizon year.

2040 Metropolitan Transportation Plan Revenue Forecasts

FUNDING SOURCE	FY 14/15 - FY 17/18: 4 years <i>(Millions \$)</i>	FY 18/19 - FY 24/25: 7 years <i>(Millions \$)</i>	FY 25/26 - FY 39/40: 15 years <i>(Millions \$)</i>
Federal Aid Highway and Bridges ¹	\$194.443	\$340.275	\$729.161
Federal Aid Statewide Competition ²	\$53.196	\$93.093	\$199.486
Transportation Alternatives Program ³	\$5.902	\$10.328	\$22.131
Federal Aid Transit (5307,5337, 5339, 5310/5317) ⁴	\$87.102	\$152.428	\$326.632
Federal Discretionary (TIGER-like or equivalent) (Fixed Guideway Capital Investment) ¹⁰	\$20.000 \$0.000	\$35.000 \$0.000	\$75.000 \$232.000
Federal Aid Total	\$360.643	\$631.125	\$1,584.410
State Dedicated Funding ¹	\$58.873	\$103.028	\$220.774
SDF Statewide Competition ²	\$26.978	\$47.212	\$101.169
State Marchiselli Funding ⁵	\$18.573	\$32.503	\$69.649
Local Match to Federal Aid ⁵	\$6.191	\$10.834	\$23.216
State Dedicated Transit (10%)	\$10.888	\$19.054	\$40.829
Local Match to Federal Aid Transit (10%)	\$10.888	\$19.054	\$40.829
Transit 88c Funding ⁶	\$18.303	\$28.143	\$60.306
NYS Dedicated Transit Funding ⁶	\$15.325	\$0.000	\$0.000
State Transportation Financing ¹¹	\$0.000	\$0.000	\$210.000
Local Transit Capital Financing ¹¹	\$0.000	\$0.000	\$77.000
NYSTA Contribution ⁷	\$180.000	\$315.000	\$675.000
Local (Non-Federal) Infrastructure Investments ⁸	\$48.000	\$84.000	\$180.000
State Local Hwy Aid to Municipalities (CHIPS) ⁹	\$65.973	\$115.452	\$247.398
Non-Federal Totals	\$459.992	\$774.279	\$1,946.169
TOTAL	\$820.634	\$1,405.404	\$3,530.579

MTP Federal Funds (2015-2040)	\$2,576.177
MTP Non-Federal Funds (2015-2040)	\$3,180.440

Notes

1. Revised Allocation Source: NYSDOT Main Office 11/21/12 (MPO proportion of NYSDOT Region 5 total target allocation estimated at 60%)
2. 25% of Federal Funds Withheld (NHPP,STP,SDF) for Statewide Competition (Assume 7.3% returned to Reg 5; MPO share est. 60%)
3. T.A. estimate based on published GBNRTC sub-allocation of \$0.623268 for FFY 2013 + 60% of 'Anywhere, Small Urban, Rural' Reg 5 Target
4. Transit Estimates: New York State Department of Transportation: Public Transportation Bureau 1/31/13
5. Federal Aid funding match for Local Projects (40% share) estimated at 20% (15% assumed from State Marchiselli funding and 5% assumed from project sponsor)
6. NFTA Capital Program 2015-2019
7. NYSTA contribution above match assumed at \$45M annually
8. Local (non-federal) transportation investments assumed at \$12M annually as follows: Erie Co.=5M , Niagara Co.=2M , N. Falls=2M , Buffalo=3M
9. CHIPS estimated at ~\$16.5M annually based on SFY 13/14 budget of total allocations to Bflo=4.1M; N. Falls=1.4M; Erie Co.=8.8M and Niagara Co=2.2M
10. Federal Discretionary assumed at \$5M/year; Fixed Guideway Capital Investment assumed at \$232 M
11. Match and State Participation for *Fixed Guideway Capital Investment*

Demonstration of Fiscal Constraint of the GBNRTC TIP

Fiscal constraint remains a key component of program development and this transportation plan. Fiscally constrained means the region can only program projects for which revenues are reasonably expected to be available through federal, state, or local resources. Every effort has been made to assure revenue forecasts are reasonable and estimated project costs balance with those financial resources. Management controls are also in place to maintain fiscal integrity as projects advance.

Federal Regulation 23 CFR 450.326(k) states:

“For the TIP, financial constraint shall be demonstrated and maintained by year and shall include sufficient financial information to demonstrate which projects are to be implemented using current and/or reasonably available revenues, while federally supported facilities are being adequately operated and maintained. “

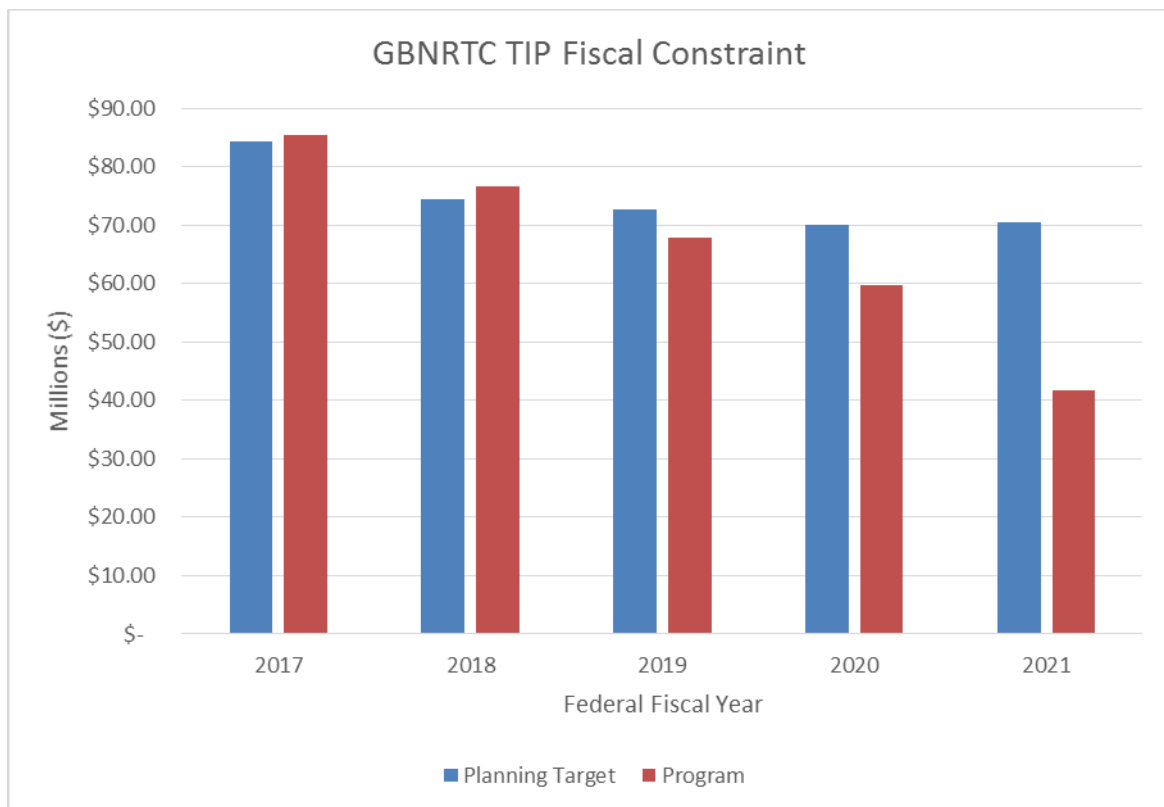
NYSDOT Region 5 works cooperatively with ECTC in the development of the MPO’s TIP and the Region’s portion of the STIP without a formal sub-allocation of planning targets to the MPO. The following fiscal constraint table shows Region 6’s entire planning target compared to the programing in the GBNRTC area.

The GBNRTC fiscal constraint table for the 2017 – 2021 TIP can be found on the following page.

NYSDOT has fiscal management tools available such as the use of Advanced Construction and the availability of fund source balances that gives them flexibility to accommodate some variations in fund source usage, and federal fund usage between years. NYSDOT has determined that the ECTC TIP is fiscally constrained to reasonably available revenues.

Should funding targets change during the life of the TIP, supplemental guidance will be issued from NYSDOT to implement changes. These changes will take place through the approved GBNRTC TIP Change Guidelines (5/13).

Subsequently, should NYSDOT planning targets decrease during the life of the TIP, existing projects will need to be modified/delayed in the current TIP in order to maintain fiscal constraint.



GBNRTC Fiscal Constraint Table

FFY 2017 - 2021

	Rollover	2017			2018			2019			2020			2021			Total		
	Ending Projected Balance*	Planning Target	Program	Balance	Planning Target	Program	Balance	Planning Target	Program	Balance	Planning Target	Program	Balance	Planning Target	Program	Balance	Planning Target	Program	Balance
CMAQ	\$1.575	\$1.087	\$0.000	\$2.663	\$1.087	\$0.000	\$3.750	\$1.087	\$0.000	\$4.838	\$1.087	\$0.000	\$5.925	\$1.087	\$0.000	\$7.013	\$5.437	\$0.000	\$7.013
HSIP	\$2.662	\$4.062	\$2.523	\$4.201	\$4.062	\$2.945	\$5.318	\$4.062	\$4.511	\$4.870	\$4.062	\$4.640	\$4.292	\$4.062	\$4.494	\$3.860	\$20.311	\$19.113	\$3.860
NHPP	-\$7.333	\$38.870	\$33.807	-\$2.270	\$38.870	\$27.077	\$9.523	\$38.870	\$34.708	\$13.685	\$38.870	\$33.622	\$18.933	\$38.870	\$24.391	\$33.412	\$194.350	\$153.605	\$33.412
STP FLEX	\$18.936	\$12.664	\$14.640	\$16.960	\$12.664	\$12.747	\$16.877	\$12.664	\$17.823	\$11.718	\$12.664	\$12.954	\$11.428	\$12.664	\$8.878	\$15.214	\$63.320	\$67.042	\$15.214
STP LG URBAN	\$10.040	\$10.798	\$15.629	\$5.209	\$10.798	\$25.231	-\$9.224	\$10.798	\$6.837	-\$5.263	\$10.798	\$7.196	-\$1.661	\$10.798	\$2.639	\$6.498	\$53.990	\$57.532	\$6.498
STP-OFF	\$6.406	\$2.539	\$4.526	\$4.419	\$2.539	\$4.223	\$2.735	\$2.539	\$1.326	\$3.948	\$2.539	\$1.319	\$5.168	\$2.539	\$0.739	\$6.968	\$12.696	\$12.133	\$6.968
Regional funded	\$32.287	\$70.021	\$71.125	\$31.182	\$70.021	\$72.223	\$28.980	\$70.021	\$65.205	\$33.796	\$70.021	\$59.731	\$44.085	\$70.021	\$41.141	\$72.965	\$350.103	\$309.425	\$72.965
Main Office Funded	\$0.000	\$14.335	\$14.335	\$0.000	\$4.458	\$4.458	\$0.000	\$2.644	\$2.644	\$0.000	\$0.000	\$0.000	\$0.000	\$0.477	\$0.477	\$0.000	\$21.914	\$21.914	\$0.000
Total	\$32.287	\$84.356	\$85.460	\$31.182	\$74.479	\$76.681	\$28.980	\$72.665	\$67.849	\$33.796	\$70.021	\$59.731	\$44.085	\$70.498	\$41.618	\$72.965	\$372.017	\$331.339	\$72.965

Status of the Previous TIP (2014 – 2018)

The TIP is a dynamic document that provides for the modification of existing projects, and the advancement of new ones throughout the program period. In preparation for the new 2017-2021 TIP, changes to the previously approved 2014-2018 Transportation Improvement Program were documented.

Major Projects Completed

As required by federal regulations (Title 23, Chapter 1, Subchapter E, Part 450.325(l)), the following table highlights the major projects that were completed in the previous TIP.

The GBNRTC has defined “major projects” as any TIP project with an overall cost of more than three million dollars.

PIN	Agency	Project Title	Tip Cost
501917	NYS DOT	Rt 265 & I-190/ Power Res; I-190/RT 31	\$ 29.36
576039	Buffalo	Cars on Main Street (500 Block)	\$ 18.75
546028	Niagara Falls	Rt 384; Veterans Dr - I-190, Ph I	\$ 17.12
582212	Buffalo	Cars on Main Street (600 Block)	\$ 14.93
541054	Miscellaneous	Rt 957A RMP @ JB Daly: Southern CBD Gateway Improvements	\$ 12.90
575543	Erie County	E Robinson (N French); Rt 62-Rt 952T	\$ 12.13
503498	NYS DOT	Rt 5 & 20/ Catt Ck	\$ 11.25
5B1402	Miscellaneous	Local Bridge Inspections; CY 2014-2015	\$ 8.00
575527	Erie County	Cemetery Rd/Erie Rd, Norfolk Southern & N BR Plum Bottom Creek	\$ 6.33
551251	NYS DOT	Rt 33; Rt 240 - Rt 952A	\$ 5.91
580780	NYS DOT	PMI-Bridge Painting; SFY 14/15	\$ 5.90
575546	Buffalo	Elmwood Ave; Forest Ave - Scajaquada	\$ 5.86
575710	Niagara County	Lockport Rd Intersection Improvements & Resurfacing from N Walmore Rd to Townline Rd Phases I & II	\$ 5.25
575533	Erie County	Maple Rd @ Flint Rd & N. Forest & Hopkins Intersections	\$ 4.51
575713	Niagara County	Lincoln Av ; Beattie Av-Akron Rd	\$ 4.14
575525	Erie County	Seneca St/Norfolk Southern	\$ 4.00
575759	Buffalo	BNMC Site Improvements Phase II	\$ 4.00
581149	NYS DOT	Large Culvert Replacements on Rts 5, 31, 277, 353	\$ 3.32
575538	Erie County	Pavement Rd/CSX & Norfolk Southern	\$ 3.32
575753	NYSTA	Erie Canalway Corridor - Restoration of Flight of 2 Locks	\$ 3.25
539241	NYS DOT	Rt 400; I-90 to Pound Rd	\$ 3.20

TIP Disposition

The first 2014 – 2018 TIP closeout item involves the status of each and every project on the previous TIP. This summary is useful to determine whether a 2014-2018 project was let, is under construction or has been completed. It also specifies whether a project has been modified, merged or deleted. A project is only considered officially “closed” after construction is completed, the construction has been inspected, and all billing and paperwork has been processed by NYSDOT.

Agency	PIN	Project Title	Let Date	Latest TIP Cost	Comments
Buffalo	575546	Elmwood Ave; Forest Ave - Scajaquada	9/4/2012	\$ -	Project is closed.
Buffalo	575580	Inner Harbor Trans. Infrastructure Facility (Const.)	6/1/2018	\$ 8.38	Project deleted.
Buffalo	575609	W Ferry St/Black Rock Canal	3/25/2014	\$ 7.61	AD Mod #11: Construction funds transferred to PIN 5756.09 from PIN 5758.99. Project currently under construction.
Buffalo	575634	Bailey Ave/Cazenovia Ck & Buffalo Rvr	4/19/2016	\$ 20.33	Project has been bid. Construction to start soon.
Buffalo	575681	Elmwood Ave/Chippewa St Signals	10/18/2011	\$ -	Project is closed.
Buffalo	575683	North Buffalo Rails- To-Trails	10/1/2014	\$ 1.17	Ad Mod #17: Additional CMAQ funds added to PIN 5756.83 from PIN 5755.54. Project will be completed in 2016.
Buffalo	575714	Niagara Street Gateway Project; Carolina/Virginia Sts - Niagara Square	3/26/2014	\$ 2.38	Project under construction. Should be completed in 2016.
Buffalo	575718	Kenmore Ave; Starin Av to Rt 5 Main St	6/1/2015	\$ 6.17	Project shared with Erie County. City of Buffalo is the lead on this project. Project under construction.
Buffalo	575743	Ohio Street Trail	2/26/2013	\$ -	Ad Mod #66 2011-2015 TIP: PIN 5757.43 was merged with PIN 5760.26. Project will be completed in 2016.
Buffalo	575759	BNMC Site Improvements Phase II	11/14/2012	\$ -	Project is closed.

Buffalo	575776	Fillmore Av, N Parade Av - E Ferry St	7/15/2013	\$	-	Project closed as of 3/2016.
Buffalo	575795	BNMC Phase III - Allen St Extension	4/25/2017	\$	4.18	Current let date is 4/25/2017.
Buffalo	575823	South Ogden/Mineral Springs Rd Bridge	12/13/2017	\$	2.55	Current let date is 12/13/2017.
Buffalo	575824	South Park Loop at South Park Lake	6/20/2017	\$	0.51	Current let date is 6/20/2017.
Buffalo	575825	Ohio St Lift Bridge	6/19/2017	\$	5.23	Current let date is 6/19/2017.
Buffalo	575895	Hamlin Park School #74 SRTS	7/28/2010	\$	-	Project is closed.
Buffalo	575940	Fruit Belt Corridor Project - Carlton; Michigan to Jefferson	7/15/2013	\$	-	Project is closed.
Buffalo	575965	Local Bridge Joints; Buffalo	10/31/2012	\$	-	Project is closed.
Buffalo	575968	Industrial Heritage Trail & Tiff Street Wharf	8/11/2011	\$	-	PIN 5759.44 merged with PIN 5759.68. Project closed 7/18/2014.
Buffalo	575969	Local Bridge Painting; Buffalo	1/15/2013	\$	-	PIN 5760.16 merged with PIN 5759.65. Project closed.
Buffalo	575987	Elk St at Smith St Bridge	12/1/2018	\$	-	PIN 5759.87 Deleted, all funds transferred to PIN 5761.73.
Buffalo	576016	Bridge Joint Replacement	5/15/2012	\$	-	PIN 5760.16 merged with PIN 5759.65. Project closed.
Buffalo	576017	Bridge Washing	5/16/2012	\$	-	Project is closed.
Buffalo	576022	Bicycle Mobility Project	12/11/2013	\$	-	Project was removed from TIP.
Buffalo	576026	Ohio Street Inner Harbor Infrastructure Improvements	9/18/2013	\$	-	Ad Mod #66 2011-2015 TIP: PIN 5757.43 was merged with PIN 5760.26. Project will be completed in 2016.
Buffalo	576033	Bridge Bearing Repairs	7/15/2013	\$	-	Project is closed.
Buffalo	576039	Cars on Main Street (500 Block)	7/10/2013	\$	-	Construction finished in 2015. Minor work needed to complete project to be finished in spring 2016.
Buffalo	576048	Bridge Washing & Sealing	12/13/2016	\$	0.38	Current let date is 12/13/2016.
Buffalo	576049	Bridge Painting & Concrete Repair	3/15/2015	\$	0.25	Project let 3/2015.
Buffalo	576050	Bridge Bearings & Hudson St Bridge	3/15/2015	\$	0.44	Project let 3/2015.

Buffalo	576058	Bridge Joints	12/13/2016	\$	0.71	Ad Mod #64: PIN 5760.58 merged with PIN 5761.40. PIN 5761.40 deleted.
Buffalo	576067	City of Buffalo SRTS Program	4/10/2017	\$	0.54	Current let date is 4/10/2017.
Buffalo	576081	Niagara St Sustainable Corridor & Community Integration Project	12/20/2016	\$	6.50	Current let date is 12/20/2016.
Buffalo	576096	Safety Improvements on Bailey Av @ Delevan Av	6/21/2017	\$	0.08	Current let date is 6/21/2017.
Buffalo	576098	Safety Improvements on Parkside Av Near Florence Av	11/25/2015	\$	0.50	Project has been let. Construction to start in 2016.
Buffalo	576105	Buffalo Riverwalk Shoreline Trail	4/10/2017	\$	1.52	Current let date is 4/10/2017.
Buffalo	576121	Cars on Main Street, Lower Main	4/19/2017	\$	17.55	Amendment #35: New project, PIN 5761.21, added to TIP.
Buffalo	576138	Bridge Concrete Repair	12/13/2016	\$	0.10	Amendment #21: New project, PIN 5761.38, added to TIP.
Buffalo	576139	Bridge Deck Joint Repairs	12/13/2016	\$	0.36	Amendment #21: New project, PIN 5761.39, added to TIP.
Buffalo	576140	Bridge Bearings & Concrete Repairs	6/1/2016	\$	0.30	Amendment #21: New project, PIN 5761.40, added to TIP. Ad Mod #64: PIN 5760.58 merged with PIN 5761.40. PIN 5761.40 deleted.
Buffalo	576141	Bridge Rocker Bearings	12/13/2016	\$	0.29	Amendment #21: New project, PIN 5761.41, added to TIP.
Buffalo	582212	Cars on Main Street (600 Block)	7/16/2012	\$	-	Project is closed.
Buffalo/NYS DOT	575944	Industrial Heritage Trail	8/11/2011	\$	-	PIN 5759.44 merged with PIN 5759.68. Project closed 7/18/2014.
Catt County	575731	CR 82 Mill St Bridge/Catt Creek	4/17/2017	\$	2.02	Current let date is 4/17/2017.
Erie County	575374	N Forest Rd, Rt 263 Millersport Hwy - Dodge Rd	6/23/2016	\$	0.50	Ad Mod #10: Funds from PIN 5753.74 moved into PINs 5757.30 & 5758.74.
Erie County	575525	Seneca St/Norfolk Southern	3/8/2012	\$	-	Project is closed.
Erie County	575527	Cemetery Rd/Erie Rd, Norfolk Southern & N BR Plum Bottom Creek	4/15/2011	\$	-	Project is closed.

Erie County	575533	Maple Rd @ Flint Rd & N. Forest & Hopkins Intersections	9/15/2011	\$	-	Project is completed and will be closed in 2016.
Erie County	575538	Pavement Rd/CSX & Norfolk Southern	4/15/2011	\$	-	Project closed as of 3/2016.
Erie County	575543	E Robinson (N French); Rt 62-Rt 952T	4/8/2013	\$	-	Construction finished in 2015. Minor work needed to complete project to be finished in spring 2016.
Erie County	575647	Harris Hill @ Wehrle & Pleasantview	7/12/2012	\$	-	Project is closed.
Erie County	575684	Tonawanda Rails-To-Trails	6/15/2016	\$	2.42	Amendment #6: Scope change terminates project at State St. Project is currently under construction.
Erie County	575685	Greiner Rd @ Shimerville Rd	9/16/2011	\$	-	Project is closed.
Erie County	575686	Colvin Blvd & Highland Ave	2/23/2012	\$	-	Project is closed.
Erie County	575718	Kenmore Ave; Starin Av to Rt 5 (Main St)	6/1/2015	\$	-	Project shared with City of Buffalo. City of Buffalo is the lead on this project. Project under construction.
Erie County	575728	Clarence Center Rd/Gott Creek	6/25/2015	\$	-	Project is completed and will be closed in 2016.
Erie County	575729	Swift Mills Rd/Murder Creek	4/28/2016	\$	0.88	Current let date is 4/28/2016.
Erie County	575730	Savage Rd/Dry Creek	3/15/2013	\$	-	Ad Mod #10: Funds from PIN 5753.74 moved into PINs 5757.30 & 5758.74. Project closed as of 10/2015.
Erie County	575749	Town of Evans Multi-Use Pathway Phase I-B	10/10/2013	\$	-	Project is currently under construction.
Erie County	575775	ECC Transportation Improvements	10/17/2016	\$	0.80	Project to be constructed under PIN 5808.28 by NYSDOT.
Erie County	575802	Town of Evans Multi-Use Trail Phase III	4/10/2017	\$	1.90	Current let date is 4/10/2017.
Erie County	575822	Strickler Rd and County Rd Intersection Safety Improvement	10/3/2013	\$	-	Project closed as of 3/2016.
Erie County	575840	Lake Av/ Smokes Creek Bridge	12/28/2012	\$	-	Project closed as of 10/2015.
Erie County	575874	Abbott Rd/Neumann Creek Bridge	6/4/2013	\$	-	Ad Mod #10: Funds from PIN 5753.74 moved into PINs 5757.30 & 5758.74.

						Project closed as of 3/2016.
Erie County	575991	Salt Rd Bridge/Beeman Creek	6/30/2016	\$ 1.36		PIN 5759.91 merged with PIN 5759.92. PIN 5759.92 to be deleted. Project to be let in 2016.
Erie County	575992	Salt Rd Bridge/Beeman Creek	5/1/2016	\$ -		PIN 5759.91 merged with PIN 5759.92. PIN 5759.92 to be deleted. Project to be let in 2016.
Erie County	575993	Maintenance of French Rd over Slate Bottom Creek				Project is a TIP candidate only.
Erie County	575995	Stony Rd Bridge/Ellicott Creek	12/19/2016	\$ 1.60		Current let date is 12/19/2016.
Erie County	576027	Bridge Painting	5/15/2013	\$ -		Project is closed.
Erie County	576028	Bridge Washing	5/15/2013	\$ -		Project is closed.
Erie County	576029	Bridge Deck Sealing	5/15/2013	\$ -		Project is closed.
Erie County	576030	Bridge Joint Repairs	5/15/2013	\$ -		Project is closed.
Erie County	576041	Bridge Painting	9/11/2014	\$ -		Project closed as of 10/2015.
Erie County	576042	Bridge Deck Sealing	10/15/2014	\$ -		Project closed as of 3/2016.
Erie County	576043	Bridge Joint Repairs	11/15/2014	\$ -		Project is done, will be closed in 2016.
Erie County	576054	Bridge Painting	8/15/2015	\$ -		Amendment #40: Deleted PIN 5760.54 and transfer funds to PIN 5761.30.
Erie County	576055	Bridge Washing	9/10/2015	\$ 0.52		Project is currently under construction.
Erie County	576056	Vertical Down/Bridge Joints; Erie County	11/5/2015	\$ 0.62		Project is currently under construction.
Erie County	576097	Safety Improvements on Colvin Blvd @ Brighton Rd	12/21/2017	\$ 0.34		Current let date is 12/21/2017.
Erie County	576099	Safety Improvements, Rt 240 & Genesee Rd & Sibley Rd	12/15/2017	\$ 0.76		Amendment #17: New project, PIN 5760.99, added to TIP.
Erie County	576102	Tonawanda Rails-To-Trails Extension	4/10/2017	\$ 0.83		Target letting 4/10/17. Expected construction complete 8/28/18.
Erie County	576103	Elmwood Av Bike/Ped Improvements (Village of Kenmore)	4/10/2017	\$ 0.70		Target letting 4/10/17. Expected construction complete 8/14/18.
Erie County	576104	Erie County Shoreline Trail Bethlehem Steel Section	4/10/2017	\$ 0.66		Target letting 4/10/2017.

Erie County	576130	Bridge Painting & Bridge Repairs	6/23/2016	\$ 1.58	Amendment #21: New project, PIN 5761.30, added to TIP. Amendment #40: Deleted PIN 5760.54 and transfer funds to PIN 5761.30.
Erie County	576131	Bridge Washing	12/15/2017	\$ 0.21	Amendment #21: New project, PIN 5761.31, added to TIP.
Erie County	576132	Bridge Deck Sealing	6/23/2016	\$ 0.21	Amendment #21: New project, PIN 5761.32, added to TIP.
Erie County	576133	Bridge Steel Deck Repairs	6/23/2016	\$ 1.10	Amendment #21: New project, PIN 5761.33, added to TIP.
Miscellaneous	541054	Rt 957A RMP @ JB Daly: Southern CBD Gateway Improvements	8/15/2014	\$ 5.00	Expected construction complete 4/28/16. Expected project complete 10/31/17.
Miscellaneous	575358	Peace Bridge Congestion Relief	6/16/2015	\$ 1.05	No schedule dates.
Miscellaneous	575579	Access Rd; Lake Ave - Milestrip Rd	12/15/2005	\$ -	Project was deleted.
Miscellaneous	575676	Sherwood - Two Mile Creek Greenway	6/14/2013	\$ -	Project was merged with PIN 5086.02.
Miscellaneous	575711	Buffalo/Niagara Demand Mgmt & Transp Alts Program	12/1/2006	\$ 0.66	Project is a study.
Miscellaneous	575712	Regional Signal Coordination Feasibility Study	10/1/2007	\$ -	Project is a study.
Miscellaneous	575727	Taylor Rd/Durkee Bridge/Niagara River	3/26/2013	\$ -	Project is closed.
Miscellaneous	575752	Meadow Dr Extension	6/18/2013	\$ -	Project is closed.
Miscellaneous	575757	Niagara St/ Two Mile Creek Culvert Replacement	12/5/2014	\$ -	Project expected to be completed 12/23/16.
Miscellaneous	575769	Rt 62 S Park Av & Lake Av	1/10/2013	\$ -	Project is closed.
Miscellaneous	575779	Niagara Gorge Bike/Ped Trail (Lewiston Scenic Pathway)	9/12/2017	\$ 1.67	NYS DOT is working preliminary design. Project has a current let date of 9/12/2017.
Miscellaneous	575791	Niagara Gorge Corridor Access (North CBD Gateway)	5/1/2009	\$ -	Study is complete. Preliminary design underway but project still needs funds for construction.
Miscellaneous	575796	Buffalo NY Intermodal Center Parking Facility	6/15/2011	\$ -	Project removed from TIP.

Miscellaneous	575817	Buffalo Harbor Bridge & Transportation Infrastructure Improvements, Inner Harbor	STUDY	\$ 1.02	Project is a study.
Miscellaneous	575837	Forest Dr/Smokes Creek Bridge	3/6/2014	\$ -	Project closed 10/15/2014.
Miscellaneous	575838	Rein Rd/Ellicott Creek Bridge	7/2/2014	\$ -	Project is closed.
Miscellaneous	575864	Project Development Technical Services	N/A	\$ -	Project withdrawn.
Miscellaneous	575868	Ellis Rd Bridge	6/13/2013	\$ -	Project deleted.
Miscellaneous	575899	Local Bridge Maintenance Program; SFY 14/15	6/16/2014	\$ -	Project deleted, funds transferred to PIN 5761.00.
Miscellaneous	575900	Local Bridge Maintenance Program; SFY 15/16	6/15/2015	\$ -	Project deleted, funds transferred to PIN 5761.23.
Miscellaneous	575902	HSIP Local Road Program; 13/14	12/16/2013	\$ -	Project closed 7/27/2015.
Miscellaneous	575903	HSIP Local Road Program; 15/16	12/14/2015	\$ -	Project deleted, funds transferred to PIN 5760.76.
Miscellaneous	575904	HSIP Local Road Program; 16/17	12/13/2016	\$ -	Project deleted, funds transferred to PIN 5760.77.
Miscellaneous	575970	Rogers Rd & Cloverbank Rd Railroad Quiet Zone	9/25/2013	\$ -	Project closed 1/26/2015.
Miscellaneous	576000	State St Bridge/Murder Creek	12/1/2019	\$ 0.67	Cadidate project. Target letting 12/1/2019.
Miscellaneous	576023	Local Bridge Maintenance Program; SFY 16/17	10/16/2017	\$ 2.43	Expected target letting 10/16/17. Expected construction completion 12/4/18.
Miscellaneous	576024	Local Bridge Maintenance Program; SFY 17/18	10/13/2017	\$ 1.00	Expected target letting 10/13/17. Expected construction completion 3/22/19.
Miscellaneous	576025	Tonawanda, Delaware St Reconstruction	4/22/2014	\$ -	Project closed 8/12/2015.
Miscellaneous	576065	Town of Amherst SRTS Program	8/19/2014	\$ -	Project closed 9/24/2015.
Miscellaneous	576066	GoBike Buffalo's SRTS Program		\$ 0.00	Project currently active.
Miscellaneous	576068	Grand Island SRTS Program	2/25/2015	\$ -	Project closed 11/30/2015.
Miscellaneous	576069	Village of Orchard Park SRTS Program	6/16/2015	\$ 0.29	Construction phase of project is complete. Educational phase still

						waiting to be administered.
Miscellaneous	576070	Village of Williamsville SRTS Program	9/10/2014	\$ -		Project closed 12/26/2015.
Miscellaneous	576071	Village of Gowanda SRTS Program	6/16/2016	\$ 0.36		Project in final design. NYSDOT will bid and construct project.
Miscellaneous	576072	Lockport SRTS Program	12/22/2014	\$ -		Project closed 9/16/2015.
Miscellaneous	576073	Town of Porter SRTS Program	4/18/2014	\$ -		Educational materials purchased. Final bill submitted and project will be closed.
Miscellaneous	576074	Lewiston Police Department SRTS Program	N/A	\$ -		Project closed 6/1/2015.
Miscellaneous	576075	Great Lakes Seaway Trail Niagara River Waterfront Multi-Use		\$ -		NYSDOT Albany is the lead for this project. Design is Phase 1 of the project. Construction will take place under a new PIN.
Miscellaneous	576076	HSIP Local Road Program; 17/18	12/13/2017	\$ 1.20		Expected target letting 12/13/17. Expected construction completion 10/31/18.
Miscellaneous	576077	HSIP Local Road Program; 18/19	12/14/2018	\$ 1.20		Expected target letting 12/14/18. Expected construction completion 11/1/19.
Miscellaneous	576085	Pendleton Recreational Pathways Expansion Project	4/19/2017	\$ 0.60		Expected target letting 4/19/17. Expected construction completion 6/27/18.
Miscellaneous	576087	Newstead Trailway Expansion Project	4/17/2017	\$ 0.40		Expected target letting 4/17/17. Expected construction completion 6/25/18.
Miscellaneous	576088	Town of Holland Sidewalk Connection & Beautification Project	12/1/2016	\$ 0.30		Expected target letting 12/1/16. Expected construction completion 5/8/18.
Miscellaneous	576089	Newfane Streetscape Improvements	10/5/2016	\$ 0.35		Expected target letting 10/5/16. Expected construction completion 12/15/17.
Miscellaneous	576091	Amherst Sidewalks for Safety	2/9/2016	\$ 0.51		Expected target letting 2/9/16. Expected construction completion 4/6/17.
Miscellaneous	576092	Williamsville Picture Main Street	6/12/2017	\$ 2.59		Expected target letting 6/12/17. Expected

						construction completion 9/25/18.
Miscellaneous	576093	Clarence - Transit Rd to Harris Hill Rd Sidewalk Improvement	4/10/2017	\$	0.81	Working on final design for project. Amendment #39: Additional funds added to project from PINs 5809.98, 5809.99 & 5T16.36.
Miscellaneous	576101	Town of Hamburg Quiet Zone Ph II	6/24/2016	\$	0.22	Amendment #18: New project, PIN 5760.11, added to TIP. Currently working on final design for project.
Miscellaneous	576106	Lancaster TAP	9/14/2016	\$	0.29	Working on final design for project.
Miscellaneous	576107	Hamburg Healthy Neighborhood Corridor	9/15/2016	\$	0.71	Working on final design for project.
Miscellaneous	576110	Cheektowaga Safe Crossing	9/15/2016	\$	0.16	Working on final design for project.
Miscellaneous	576111	West Niagara River Trail (Grand Island)	4/14/2017	\$	1.87	Preliminary design underway.
Miscellaneous	580486	NITTEC TOC Annual Staffing	N/A	\$	10.24	NITTEC Annual Staffing.
Miscellaneous	582195	Buffalo Inner Harbor Redevelopment Project (Museum)	3/15/2011	\$	-	Funds transferred to NFTA for bus purchase.
Miscellaneous	5B1402	Local Bridge Inspections; CY 2014-2015	N/A	\$	-	Construction completed 12/31/15. Expected project completion 12/31/16.
Miscellaneous	5B1602	Local Bridge Inspections; CY 2016-2017	N/A	\$	8.20	Expected construction completion 12/31/17.
Miscellaneous	5B1802	Local Bridge Inspections; CY 2018-2019	N/A	\$	-	Project deleted.
Miscellaneous/ EC	575801	East Aurora and Roycroft Campus Corp. Beautification Project	5/30/2013	\$	-	Project closed 10/1/2014.
NFTA	575866	Replacement Bus Purchase CMAQ SFY 11/12	6/15/2011	\$	2.07	Amendment #11: Obligation date changed.
NFTA	575866	Replacement Bus Purchase CMAQ SFY 12/13	6/15/2012	\$	1.04	Amendment #11: Obligation date changed.
NFTA	575866	Replacement Bus Purchase CMAQ SFY 13/14	6/15/2013	\$	1.07	Amendment #25: Obligation date changed.
NFTA	575866	Replacement Bus Purchase CMAQ SFY 14/15	6/15/2014	\$	1.10	Amendment #25: Obligation date changed.

NFTA	575866	Replacement Bus Purchase CMAQ SFY 15/16	6/15/2015	\$ 1.13	Amendment #25: Obligation date changed.
NFTA	582227	NFTA Rail Car Rebuild	3/1/2011	\$ 9.60	Ad Mod #6 & Amendment #10: Restored this project PIN 5822.27 to the current TIP.
NFTA	582356	Bus and LRRT Fare Collection		\$ -	Amendment #11: PIN 5823.56 deleted from program.
NFTA	582357	Purchase Revenue Vehicles		\$ -	Amendment #25: PIN 5823.57 deleted from program. Amendment #11: \$4.162M subtracted from PIN 5823.57.
NFTA	582358	Purchase Replacement Non-Revenue Vehicles LR		\$ -	Amendment #25: PIN 5823.58 deleted from program.
NFTA	582359	Bus Facility HVAC/Building System		\$ -	Amendment #25: PIN 5823.59 deleted from program.
NFTA	582360	Replace 800 MHZ EDACS Radio System		\$ -	Amendment #25: PIN 5823.60 deleted from program.
NFTA	582361	Associated Capital Maintenance		\$ -	Amendment #25: PIN 5823.61 deleted from program. Amendment #11: \$1.578M subtracted from PIN 5823.61.
NFTA	582362	Paratransit Operating Assistance		\$ -	Amendment #25: PIN 5823.62 deleted from program. Amendment #11: \$4.282M subtracted from PIN 5823.62.
NFTA	582363	Preventive Maintenance	5/1/2015	\$ -	Amendment #25: PIN 5823.63 deleted from program. Amendment #11: \$2.516M subtracted from PIN 5823.63.
NFTA	582364	Associated Transportation Improvements	5/1/2015	\$ -	Amendment #25: PIN 5823.64 deleted from program. Amendment #11: \$0.284M subtracted from PIN 5823.64.
NFTA	582365	Track Foundation & Fastener Replacement		\$ -	Amendment #11: PIN 5823.65 deleted from program.
NFTA	582366	Project Administration		\$ -	Amendment #25: PIN 5823.66 deleted from program. Amendment #11: \$0.273M subtracted from PIN 5823.66.

NFTA	582368	LRRT Station Rehab		\$	-	Amendment #25: PIN 5823.68 deleted from program. Amendment #11: \$0.362M subtracted from PIN 5823.68.
NFTA	582369	Track Foundation & Fastener Replacement		\$	-	Amendment #25: PIN 5823.69 deleted from program. Amendment #11: \$0.031M subtracted from PIN 5823.69.
NFTA	582370	Preventive Maintenance	5/1/2015	\$	-	Amendment #25: PIN 5823.70 deleted from program. Amendment #11: \$6.158M added to PIN 5823.70.
NFTA	582371	LRRT Fare Collection Replacement		\$	-	Amendment #25: PIN 5823.71 deleted from program. Amendment #11: \$1.466M subtracted from PIN 5823.71.
NFTA	582372	Catenary & Insulators Replacement		\$	-	Amendment #25: PIN 5823.72 deleted from program. Amendment #11: Obligation date changed.
NFTA	582373	LRV Wheel Truing Machine		\$	-	Amendment #25: PIN 5823.73 deleted from program. Amendment #11: Spend date changed.
NFTA	582374	LRV Traction Motor		\$	-	Amendment #25: PIN 5823.74 deleted from program. Amendment #11: Obligation date changed.
NFTA	582375	Purchase Revenue Vehicles	5/1/2015	\$	-	Amendment #25: PIN 5823.75 deleted from program. Amendment #11: \$0.107M added to PIN 5823.75.
NFTA	582376	Bus Fare Collection Replacement		\$	-	Amendment #25: PIN 5823.76 deleted from program. Amendment #11: Obligation date changed.
NFTA	582377	Bus Facility HVAC/Building System		\$	-	Amendment #25: PIN 5823.77 deleted from program.
NFTA	582378	Amherst-Buffalo Corridor Analysis Project		\$	1.61	Ad Mod #8: Unexpended transit funds from past fiscal years was reprogrammed into PINs 5823.78, 5823.79, & 5823.80.

NFTA	582379	Niagara Street Corridor Project		\$ 4.47	Ad Mod #8: Unexpended transit funds from past fiscal years was reprogrammed into PINs 5823.78, 5823.79, & 5823.80.
NFTA	582380	NFTA CFG Fueling System		\$ 2.45	Ad Mod #8: Unexpended transit funds from past fiscal years was reprogrammed into PINs 5823.78, 5823.79, & 5823.80.
NFTA	582381	Transit Planning		\$ 0.20	Amendment #11: PIN assigned to project.
NFTA	582382	Purchase Paratransit Vehicles	5/1/2015	\$ 1.10	Amendment #11: PIN assigned to project.
NFTA	582383	Bus Maintenance Project		\$ 0.67	Amendment #11: PIN assigned to project.
NFTA	582386	Cantalician Center		\$ 0.02	Amendment #1: New project added to TIP.
NFTA	582387	NFTA		\$ 0.29	Amendment #1: New project added to TIP.
NFTA	582388	Heritage Centers		\$ 0.25	Amendment #1: New project added to TIP.
NFTA	582389	Hearts and Hands		\$ 0.14	Amendment #1: New project added to TIP.
NFTA	582390	WNY Independent Living Center		\$ 0.06	Amendment #1: New project added to TIP.
NFTA	582391	EC Department of Senior Services		\$ 0.10	Amendment #1: New project added to TIP.
NFTA	582392	Amherst Senior Transportation Services		\$ 0.04	Amendment #1: New project added to TIP.
NFTA	582396	Preventive Maintenance		\$ 21.00	Amendment #25: New project added to TIP.
NFTA	582397	Preventive Maintenance		\$ 21.00	Amendment #25: New project added to TIP.
NFTA	582398	Preventive Maintenance		\$ 21.00	Amendment #25: New project added to TIP.
NFTA	582400	Associated Transportation Improvements		\$ 0.21	Amendment #25: New project added to TIP.
NFTA	582401	Associated Transportation Improvements		\$ 0.21	Amendment #25: New project added to TIP.
NFTA	582402	Associated Transportation Improvements		\$ 0.21	Amendment #25: New project added to TIP.
NFTA	582404	Preventive Maintenance		\$ 3.03	Amendment #25: New project added to TIP.
NFTA	582405	Preventive Maintenance		\$ 3.03	Amendment #25: New project added to TIP.

NFTA	582406	Preventive Maintenance		\$	3.03	Amendment #25: New project added to TIP.
NFTA	582407	Purchase Revenue Vehicles		\$	1.73	Amendment #25: New project added to TIP.
NFTA	582409	Purchase Paratransit Vehicles		\$	1.73	Amendment #25: New project added to TIP.
NFTA	582410	Purchase Paratransit Vehicles		\$	1.73	Amendment #25: New project added to TIP.
NFTA	582411	Catholic Health System, Inc	1/1/2015	\$	0.10	Amendment #31: New project added to TIP.
NFTA	582412	County of Erie DBA Dept of Senior Services	1/1/2015	\$	0.08	Amendment #31: New project added to TIP.
NFTA	582413	Community Services for the Developmentally Disabled, Inc	1/1/2015	\$	0.18	Amendment #31: New project added to TIP.
NFTA	582414	Heritage Centers, Inc	1/1/2015	\$	0.31	Amendment #31: New project added to TIP.
NFTA	582415	Lord of Life Adult & Child Services, Inc	1/1/2015	\$	0.08	Amendment #31: New project added to TIP.
NFTA	582416	Niagara County Chapter, NYSARC, Inc	1/1/2015	\$	0.14	Amendment #31: New project added to TIP.
NFTA	582417	People, Inc	1/1/2015	\$	0.29	Amendment #31: New project added to TIP.
NFTA	582418	Southeast Works	1/1/2015	\$	0.31	Amendment #31: New project added to TIP.
NFTA	582419	The Summit Center	1/1/2015	\$	0.12	Amendment #31: New project added to TIP.
NFTA	582420	Town of Hamburg Dept of Youth, Recreation, & Senior Services	1/1/2015	\$	0.12	Amendment #31: New project added to TIP.
NFTA	582421	United Cerebral Palsy Association of Niagara County, Inc	1/1/2015	\$	0.08	Amendment #31: New project added to TIP.
NFTA	582422	County of Erie DBA Dept of Senior Services	1/1/2015	\$	0.59	Amendment #31: New project added to TIP.
NFTA	582423	Heritage Centers, Inc	1/1/2015	\$	0.18	Amendment #31: New project added to TIP.
NFTA	582424	Hearts and Hands Faith in Action, Inc	1/1/2015	\$	0.50	Amendment #31: New project added to TIP.
NFTA	582425	NFTA	1/1/2015	\$	0.29	Amendment #31: New project added to TIP.
NFTA	582426	Community Services for the Developmentally Disabled, Inc	1/1/2015	\$	0.20	Amendment #31: New project added to TIP.
NFTA	582427	County of Erie DBA Dept of Senior Services	1/1/2015	\$	0.63	Amendment #31: New project added to TIP.

NFTA	582428	People, Inc	1/1/2015	\$	0.16	Amendment #31: New project added to TIP.
NFTA	582429	ECMC Lifeline Foundation, Inc	1/1/2015	\$	0.03	Amendment #31: New project added to TIP.
NFTA	582430	Heritage Centers, Inc	1/1/2015	\$	0.01	Amendment #31: New project added to TIP.
NFTA	5T1651	Purchase Non-Revenue Vehicles	1/1/2012	\$	0.30	Completed
NFTA	5T1661	Bus Facility Rehabilitation	1/1/2012	\$	2.06	Ongoing
NFTA	5T1675	Training	1/1/2012	\$	0.10	Completed
NFTA	5T1680	Associated Capital Maintenance	1/1/2012	\$	0.48	Completed
NFTA	5T1685	Paratransit Operating Assistance	1/1/2012	\$	2.78	Completed
NFTA	5T1690	Preventive Maintenance	1/1/2012	\$	10.61	Completed
NFTA	5T1694	Transit Enhancements/Bus Shelters	1/1/2011	\$	0.28	Completed
NFTA	5T1695	Transit Enhancements/Bus Shelters	1/1/2012	\$	0.28	Ongoing
NFTA	5T1703	Project Administration	1/1/2012	\$	0.20	Completed
NFTA	5T1759	Bus Facility Rehabilitation		\$	-	Amendment #25: PIN 5T17.59 deleted from program. Amendment #11: \$0.191M added to PIN 5T17.59.
NFTA	5T1762	Purchase Paratransit Vehicles	1/1/2012	\$	0.68	Completed
NFTA	5T1769	Training	1/1/2013	\$	0.10	Ongoing
NFTA	5T1772	Associated Capital Maintenance	1/1/2013	\$	-	Amendment #25: PIN 5T17.72 deleted from program.
NFTA	5T1775	Paratransit Operating Assistance	1/1/2013	\$	2.85	Completed
NFTA	5T1778	Preventive Maintenance	1/1/2013	\$	-	Amendment #25: PIN 5T17.78 deleted from program. Amendment #11: \$5.644M added to PIN 5T17.78.
NFTA	5T1781	Transit Enhancements/Bus Shelters	1/1/2013	\$	0.29	Ongoing
NFTA	5T1784	Project Administration	1/1/2011	\$	0.20	Ongoing
Niagara County	575710	Lockport Rd Intersection	3/15/2015	\$	-	Ad Mod #3: PIN 5760.82 created from PIN

		Improvements & Resurfacing from N Walmore Rd to Townline Rd Phases I & II				5757.10. Work on PIN 5757.10 to be completed in Spring 2016.
Niagara County	575713	Lincoln Av ; Beattie Av-Akron Rd	4/30/2014	\$	-	Project to be completed in 2016.
Niagara County	575723	Ewings Rd Bridge/18 Mile Creek (South)	9/20/2011	\$	-	Project is closed.
Niagara County	575830	Wisterman Rd Bridge/Mud Creek	9/19/2018	\$	1.10	Project currently has a let date of 9/19/2018.
Niagara County	575832	Wilson-Burt Rd Bridge/18 Mile Creek	4/30/2014	\$	-	Project to be completed in 2016.
Niagara County	575854	Upper Mountain Rd Pavement Preservation Maintenance	3/1/2016	\$	1.35	Construction to start in 2016.
Niagara County	575857	Feigle Rd Pavement Rehab	3/21/2016	\$	2.20	Construction to start soon and be completed in 2016.
Niagara County	575901	Ransomville Rd & Braley Rd	2/19/2015	\$	-	Construction is completed. Project will be closed in 2016.
Niagara County	575996	Carmen Rd Over Golden Hill Creek	9/19/2018	\$	0.90	Project currently has a let date of 9/19/2018.
Niagara County	576002	Youngstown Rd Over 6 Mile Creek	2/10/2015	\$	-	Construction is completed. Project will be closed in 2016.
Niagara County	576015	NC Bridge Vertical Down	9/25/2012	\$	-	Project closed.
Niagara County	576044	Bridge Deck Overlay	2/3/2014	\$	-	Ad Mod #58 2011-2015 TIP : PIN 5760.44 merged with PIN 5760.45. Ad Mod #9 2014-2018 TIP: Additional funding was added to project after additional work was required for Minnick Rd bridge. Project closed as of 3/2016.
Niagara County	576045	Bridge Joint Replacement	2/3/2014	\$	-	Ad Mod #58 2011-2015 TIP : PIN 5760.44 merged with PIN 5760.45. Ad Mod #9 2014-2018 TIP: Additional funding was added to project after additional work was required for Minnick Rd bridge. Project closed as of 3/2016.

Niagara County	576046	Bridge Washing; Niagara County	3/3/2014	\$ -	Construction is completed. Project will be closed in 2016.
Niagara County	576082	Lockport Rd, Townline Rd to Bear Ridge Rd; Resurfacing Phase III	12/12/2016	\$ 1.60	Ad Mod #3: PIN 5760.82 created from PIN 5757.10. Design work done under PIN 5757.10.
Niagara County	576134	Bridge Washing & Deck Sealing	4/28/2016	\$ 0.18	Amendment #21: New project, PIN 5761.34, added to TIP. Ad Mod #62 TIP: PIN 5761.34 merged with PIN 5761.35.
Niagara County	576135	Bridge Deck Sealing	6/1/2016	\$ -	Amendment #21: New project, PIN 5761.35, added to TIP. Ad Mod #62 TIP: PIN 5761.34 merged with PIN 5761.35.
Niagara County	576136	Bridge Deck Overlay & Joint Repairs	6/21/2016	\$ 0.26	Amendment #21: New project, PIN 5761.36, added to TIP. Ad Mod #63 TIP: PIN 5761.36 merged with PIN 5761.37.
Niagara County	576137	Bridge Joint Repairs	6/1/2016	\$ -	Amendment #21: New project, PIN 5761.37, added to TIP. Ad Mod #63 TIP: PIN 5761.36 merged with PIN 5761.37.
Niagara Falls	546028	Rt 384; Veterans Dr - I-190, Ph I	4/3/2012	\$ -	Construction is completed. Project will be closed in 2016.
Niagara Falls	575542	Niagara Falls Signals; 3 Intersections	3/6/2012	\$ -	Project is closed.
Niagara Falls	575557	John B Daly Blvd; Niagara St - Pine Ave	12/1/2019	\$ 4.60	Project currently has a let date of 12/1/2019.
Niagara Falls	575628	Niagara Falls Intermodal Center	3/5/2014	\$ -	Construction will be finished in 2016.
Niagara Falls	575691	Niagara Riverview Trail Phase II	6/15/2018	\$ -	
Niagara Falls	575709	Lockport St; Main St - Seneca Ave	6/13/2017	\$ 1.20	Amendment #27: Funds from deleted PINs 5758.28 & 5758.29 and from PIN 5760.23 were transferred in to PIN 5757.09. Amendment #38: Project limits changed to Seneca Av - North Av and let date change.

Niagara Falls	575716	Buffalo Ave; I-190 - Cayuga Dr Phase II	6/30/2016	\$	2.51	Project currently has a let date of 6/30/2016.
Niagara Falls	575792	CSX RR Bridges/Rt 104 Main St	6/15/2010	\$	-	Project is closed.
Niagara Falls	575804	Niagara Falls Historic Customhouse Restoration	4/15/2010	\$	-	Project is closed.
Niagara Falls	575828	Rt 265 S Military Rd/Cayuga Creek Bridge	4/28/2016	\$	-	Amendment #27: All funds were transferred to PINs 5757.09, 5760.23 & 5761.44. PIN 5758.28 was deleted.
Niagara Falls	575829	Pine Av/Gill Creek Bridge	4/28/2016	\$	-	Amendment #27: All funds were transferred to PIN 5760.23. PIN 5758.29 was deleted.
Niagara Falls	575858	Military Rd Reconstruction Phase I	6/15/2018	\$	-	Project is now pavement rehabilitation - PIN 5761.89
Niagara Falls	575859	Pine Av Paving	6/15/2018	\$	-	Removed from TIP
Niagara Falls	575966	Bridge Washing & Sealing, NF	4/5/2012	\$	-	Project is closed.
Niagara Falls	575967	Bridge Joint Replacement, NF	4/5/2012	\$	-	Project is closed.
Niagara Falls	575989	Bridge Maintenance, NF	6/15/2015	\$	0.89	Project deleted.
Niagara Falls	576018	Bridge Painting NF SFY 11/12	4/1/2014	\$	-	Construction is completed. Project will be closed in 2016.
Niagara Falls	576019	Bridge Cleaning , Deck Sealing, & Bearing/Joint Replacement NF SFY 11/12	2/19/2013	\$	-	Project is closed.
Niagara Falls	576142	Bridge Washing	6/1/2017	\$	0.13	Amendment #21: New project, PIN 5761.42, added to TIP. Ad Mod #63 TIP: PIN 5761.42 merged with PIN 5761.43.
Niagara Falls	576143	Bridge Sealing	6/1/2016	\$	-	Amendment #21: New project, PIN 5761.43, added to TIP. Ad Mod #63 TIP: PIN 5761.42 merged with PIN 5761.43.
Niagara Falls	576144	Rt 384 Bridge over Cayuga Creek Repairs	6/22/2017	\$	0.22	Amendment #27: New project, PIN 5761.44, added to TIP.
NYSDOT	500113	Culvert Inspections, SFY 13/14 & 14/15	N/A	\$	-	Non-let project.

NYSDOT	501134	New Sidewalk Installation, Rt 93; Beattie Rd - Raymond Rd	11/17/2016	\$ 0.77	Amendment #18: New project, PIN 5011.34, added to TIP.
NYSDOT	501917	Rt 265 & I-190/ Power Res; I-190/RT 31	7/23/2013	\$ -	Expected project completion 2/8/17.
NYSDOT	503498	Rt 5 & 20/ Catt Ck	3/28/2013	\$ -	Expected project completion 8/24/16.
NYSDOT	505111	Lewiston/Queenston Bridge Plaza Access Ramp	6/9/2020	\$ 3.20	Target letting 6/9/20.
NYSDOT	505530	Overhead Sign Inspections, SFY 13/14 & 14/15	N/A	\$ -	Completed
NYSDOT	510182	Rt 219/Cattaraugus Creek; Bridge Replacement	12/18/2018	\$ 22.85	Amendment #26: New project, PIN 5101.82, added to TIP.
NYSDOT	510186	Rt 219 Bridges; Erie County	12/1/2016	\$ 4.75	Target letting 12/1/16.
NYSDOT	510538	Rt 39 Over Catt Creek Branch & Otis Creek Bridge Replacement	11/17/2014	\$ 3.99	Expected construction completion 12/22/16.
NYSDOT	511188	Rt 5 & Old Lakeshore Rd Intersection Improvements	7/7/2017	\$ 1.00	Target letting 7/7/17.
NYSDOT	511192	Rt 20 Reconstruction under NSRR Bridge	3/1/3016	\$ -	Amendment #34: New project, PIN 5111.92, added to TIP. Merged with PIN 5811.09
NYSDOT	513432	Rt 5 Athol Springs Shore Protection	6/17/2015	\$ 2.41	Expected construction completion 5/10/16.
NYSDOT	513437	Rt 5 @ Bayview Rd	2/9/2017	\$ 1.39	Target letting 2/9/17.
NYSDOT	526848	Rt 240; Mineral Springs Rd-Clinton St	6/16/2016	\$ 12.13	Ad Mod #16: PIN 5V14.44 funds used as offset for PIN 5268.478. PIN 5V14.44 deleted from NYSDOT Capital Program.
NYSDOT	530830	Rt 62 NFB; Sy Rd TO Cayuga Rd, Ph III	2/18/2016	\$ 6.55	Target letting 2/18/16.
NYSDOT	530831	Rt 62 South Park Av @ Sowles Rd	4/7/2016	\$ 1.85	Target letting 4/7/16. Construction completion 5/22/17.
NYSDOT	539237	Rt 400/Rt 240 Harlem Rd	10/26/2015	\$ 7.04	Expected construction completion 12/1/16.
NYSDOT	539241	Rt 400; I-90 to Pound Rd	10/14/2015	\$ -	Project is closed.
NYSDOT	547022	Rt 198; Scajaquada Corridor; Phase 2	6/16/2016	\$ 2.31	Ad Mod #2: PIN 5470.30 created from PIN 5470.22.

NYSDOT	547030	Elmwood Av over Rt 198	3/1/2015	\$ 0.02	Ad Mod #2: PIN 5470.30 created from PIN 5470.22.
NYSDOT	551251	Rt 33; Rt 240 - Rt 952A	6/12/2014	\$ -	Project is closed.
NYSDOT	558044	I-290/Rt 256 & NFTA Ph I	2/20/2014	\$ 13.25	Amendment #2: PIN 5580.44 merged with PIN 5580.45. Delete PIN 5580.45.
NYSDOT	558045	I-290/Rt 384	2/20/2014	\$ -	Amendment #2: PIN 5580.44 merged with PIN 5580.45. Delete PIN 5580.45.
NYSDOT	558046	I-290/Rt 324	6/1/2018	\$ 5.09	Target letting 6/1/18.
NYSDOT	558047	I-290/Parker Blvd	4/7/2016	\$ 6.29	Target letting 4/7/16.
NYSDOT	558049	I-290/NFTA Ph II	7/6/2017	\$ 6.70	Target letting 7/6/17.
NYSDOT	575777	Rt 277 Union Rd & Rt 952Q Walden Av Ped Improvements	6/21/2013	\$ -	Project closed 6/17/2015.
NYSDOT	576040	American Falls Bridges Replacement	7/15/2018	\$ 28.18	Amendment #33: New project, PIN 5760.40, added to TIP and additional funds transferred in to PIN 5760.40 from PIN 5760.23.
NYSDOT	576080	US NY Gateway Connections Improvement to Peace Bridge	8/25/2014	\$ 19.50	Ad mod #20: \$11M CBI funds added to PIN 5760.80. Project is in design phase currently. Construction to be complete 5/2017.
NYSDOT	580584	ITS Contract Maintenance, SFY 11/12-15/16	6/1/2011	\$ 1.15	Expected construction completion 12/31/18.
NYSDOT	580665	ITS Contract Maintenance, SFY 16/17 - 20/21	6/1/2016	\$ 1.51	Expected construction completion 12/31/23.
NYSDOT	580780	PMI-Bridge Painting; SFY 14/15	11/6/2014	\$ -	Ad Mod #21: PINs 5807.80 & 5807.87 broken down into five smaller projects to complete work more efficiently. New PINs created are 5812.48, 5812.65, & 5812.66.
NYSDOT	580781	PMI-Bridge Painting; SFY 15/16	12/9/2015	\$ -	Amendment #22: PIN 5807.81 to become Bridge Painting, Erie & Niagara Counties and create two new projects with funds from PIN

						5807.81 and transfer additional funds to PIN 5812.58.
NYSDOT	580782	PMI-Bridge Painting; SFY 16/17	10/20/2016	\$ 4.25		Target letting 10/20/16. Expected construction completion 10/23/17.
NYSDOT	580786	PMI-Bridge Cleaning; Erie & Niagara Counties; SFY 13/14	12/5/2013	\$ -		Project is closed.
NYSDOT	580787	PMI-Bridge Cleaning; EC&NC, SFY 14/15	12/4/2014	\$ -		Ad Mod #21: PINs 5807.80 & 5807.87 broken down into five smaller projects to complete work more efficiently. New PINs created are 5812.48, 5812.65, & 5812.66.
NYSDOT	580788	PMI-Bridge Cleaning; SFY 15/16	12/10/2015	\$ 1.25		
NYSDOT	580789	PMI-Bridge Cleaning; SFY 16/17	11/17/2016	\$ 0.60		Target letting 11/17/16. Expected project completion 4/11/19.
NYSDOT	580792	Pavement Markings w/ CARDS	10/23/2014	\$ -		Expected project completion 2/1/17.
NYSDOT	580799	Signal Replacement; SFY 15/16	4/16/2015	\$ 1.28		Expected construction completion 9/30/16. Expected project completion 4/2/18.
NYSDOT	580800	Signal Replacement; SFY 16/17	9/22/2016	\$ 1.32		Target letting 9/22/16.
NYSDOT	580801	Drainage; SFY 14/15	6/11/2014	\$ -		Project deleted.
NYSDOT	580802	Drainage; SFY 15/16	6/11/2015	\$ -		Project deleted.
NYSDOT	580803	Drainage; SFY 16/17	6/9/2016	\$ -		Amendment #29: Scope change to PIN 5812.50 to include removal of abandoned RR bridge over Rt 78; additional funds added to PIN 5812.50 from PINs 5808.03 & 5812.58. PIN 5808.03 deleted.
NYSDOT	580828	Safety Improvements on Elm St & Oak St @ N&S Division Sts	9/8/2016	\$ 4.55		Target letting 9/8/16.

NYSDOT	580829	ADA Compliance Project; SFY 15/16	12/11/2015	\$ 0.79	Expected construction completion 8/15/16. Expected project completion 1/3/18.
NYSDOT	580830	ADA Compliance Project; SFY 16/17	4/7/2016	\$ 1.35	Expected construction completion 10/26/16. Expected project completion 5/1/18.
NYSDOT	580910	Drainage; SFY 16/17	6/7/2017	\$ 1.25	Target letting 6/7/17.
NYSDOT	580911	PMI - Bridge Painting; SFY 17/18	12/13/2017	\$ 3.80	Target letting 12/13/17.
NYSDOT	580912	PMI - Bridge Cleaning; SFY 17/18	12/13/2017	\$ 1.00	Target letting 12/13/17.
NYSDOT	580915	Signal Replacement; SFY 17/18	6/15/2017	\$ 1.66	Target letting 6/15/17.
NYSDOT	580919	ADA Compliance Project; SFY 17/18	4/6/2017	\$ 0.27	Target letting 4/6/17.
NYSDOT	580921	Drainage; SFY 16/17	6/15/2018	\$ 1.60	Target letting 6/15/18.
NYSDOT	580923	PMI - Bridge Painting; SFY 17/18	12/13/2018	\$ 3.80	Target letting 12/13/18.
NYSDOT	580924	PMI - Bridge Cleaning; SFY 17/18	12/17/2018	\$ 1.00	Target letting 12/17/18.
NYSDOT	580927	Signal Replacement; SFY 17/18	9/6/2018	\$ 1.40	Target letting 9/6/18.
NYSDOT	580931	ADA Compliance Project; SFY 17/18	4/5/2018	\$ 0.81	Target letting 4/5/18.
NYSDOT	580951	Guiderail Replacement; SFY 15/16	6/11/2015	\$ 1.31	Construction completed 11/3/15. Expected project completion 9/28/17.
NYSDOT	580952	Guiderail Replacement; SFY 16/17	12/1/2016	\$ 0.88	Target letting 12/1/16.
NYSDOT	580953	Guiderail Replacement; SFY 17/18	6/12/2017	\$ 0.88	Target letting 6/12/17.
NYSDOT	580954	Guiderail Replacement; SFY 18/19	6/15/2018	\$ 1.00	Target letting 6/15/18.
NYSDOT	580973	BNRAMS; Rts 952Q, 325, 324, 384, 62, 240; Ph 3	4/6/2017	\$ 2.10	Target letting 4/6/17.
NYSDOT	580974	BNRAMS; Buffalo CBD; Ph 4	4/6/2017	\$ 1.00	Target letting 4/6/17.
NYSDOT	580995	Rt 277 Union Rd Sidewalk Installation from I-90 to Rt 5	2/23/2017	\$ 0.36	Target letting 2/23/17.
NYSDOT	580996	Bike/Ped Block Project; SFY 16/17	12/16/2016	\$ 0.41	Project deleted.
NYSDOT	580997	Bike/Ped Block Project; SFY 17/18	6/12/2017	\$ 0.42	Project deleted.

NYSDOT	580998	Bike/Ped Block Project; SFY 18/19	6/18/2018	\$	0.45	Project deleted.
NYSDOT	581004	Rt 952T Sweethome Rd; Maple Rd to UB Entrance	4/21/2016	\$	2.83	Expected construction completion 4/28/17.
NYSDOT	581106	Walden Av @ Galleria Dr Intersection	11/17/2016	\$	2.30	Target letting 11/17/16.
NYSDOT	581109	Walden Av @ Central Av Intersection	2/1/2016	\$	1.77	Expected construction completion 1/20/17.
NYSDOT	581149	Large Culvert Replacements on Rts 5, 31, 277, 353	11/19/2014	\$	3.32	Construction completed 1/29/16. Expected project completion 5/30/17.
NYSDOT	581150	Large Culvert Replacements Repairs on Rt 98	4/13/2015	\$	2.26	Expected construction completion 8/24/16. Expected project completion 1/3/18.
NYSDOT	581151	Large Culvert Program SFY 15/16	11/3/2016	\$	3.13	Target letting 11/3/16.
NYSDOT	581183	Large Culvert Program SFY 16/17	11/17/2016	\$	2.64	Target letting 11/17/16.
NYSDOT	581184	Large Culvert Program SFY 17/18	6/12/2017	\$	4.71	Expected construction completion 10/26/16. Expected project completion 5/1/18.
NYSDOT	581223	Signal Upgrades & ADA Compliance on Rt 62 & Rt 950K	11/7/2013	\$	0.18	Expected project completion 4/20/16.
NYSDOT	581225	Rts 60, 83, 430, & 474 Small Culverts & Closed Drainage	4/6/2017	\$	0.29	Target letting 4/6/17.
NYSDOT	581226	General Bridge Repairs SFY 13/14; Erie & Niagara Counties	11/21/2013	\$	1.51	Expected project completion 8/24/16.
NYSDOT	581227	PMI-NY 249; US 20 - Delaware Creek & NY 76; NY 474 Sherman SVL	9/5/2013	\$	0.10	Project is closed.
NYSDOT	581229	PMI-Rts 384 & 954L & 5	6/15/2014	\$	2.12	Expected project completion 8/22/16.
NYSDOT	581230	PMI-Rts 5, 62, & 951E	6/15/2014	\$	2.52	Expected project completion 8/22/16.
NYSDOT	581231	Large Culvert Program SFY 18/19	6/12/2018	\$	2.60	Target letting 6/12/18.
NYSDOT	581233	Overhead Variable Message Sign, I-290 @ Main St	6/16/2016	\$	0.24	Amendment #41: New project, PIN5812.33, added to TIP.
NYSDOT	581237	Bridge General Repairs	6/11/2014	\$	1.05	Expected project completion 1/19/17.
NYSDOT	581242	Ferry Av	6/15/2014	\$	2.71	Project is closed.

NYSDOT	581245	Bridge General Repairs in Erie County	10/23/2014	\$	2.71	Expected project completion 1/13/17.
NYSDOT	581247	Bridge General Repairs in Niagara County	2/19/2015	\$	2.32	Expected project completion 3/31/17.
NYSDOT	581248	Bridge Painting; NC	11/6/2014	\$	1.55	Ad Mod #21: PINs 5807.80 & 5807.87 broken down into five smaller projects to complete work more efficiently. New PINs created are 5812.48, 5812.65, & 5812.66.
NYSDOT	581249	Rt 324 Sheridan Dr from Rt 240 to Rt 277	4/1/2015	\$	1.81	Expected project completion 2/7/17.
NYSDOT	581250	Rt 78 Transit Rd from Terrace Blvd to George Urban Blvd	12/15/2016	\$	2.36	Amendment #29: Scope change to PIN 5812.50 to include removal of abandoned RR bridge over Rt 78; additional funds added to PIN 5812.50 from PINs 5808.03 & 5812.58.
NYSDOT	581251	Rt 62 South Park Av from Rt 179 to Lackawanna SCL	4/1/2015	\$	0.78	Construction completed 12/3/15. Expected project completion 10/18/17.
NYSDOT	581252	Rt 240 Orchard Park Rd from Potter Rd to Rt 16	4/1/2015	\$	0.88	Project withdrawn.
NYSDOT	581253	Rt 104 Lewiston Rd from NF CL to Center St	4/1/2015	\$	1.95	Construction completed 11/17/15. Expected project completion 2/7/17.
NYSDOT	581254	Walden Av from Rt 277 to CSX RR Xing	4/1/2015	\$	1.73	Construction completed 11/25/15. Expected project completion 3/10/17.
NYSDOT	581256	Bridge MBC & Preservation Ph I	6/1/2015	\$	2.20	Expected construction completion 8/30/16.
NYSDOT	581257	Bridge MBC & Preservation Ph II	2/1/2016	\$	2.20	Expected construction completion 11/15/16.
NYSDOT	581258	Bridge MBC & Preservation Ph I	12/15/2016	\$	2.95	Amendment #22: Additional funds from PIN 5807.81 transferred in to PIN 5812.58. Amendment #29: Funds from PIN 5812.58 transferred to PIN 5812.50.

NYSDOT	581259	Bridge MBC & Preservation Ph II	2/9/2017	\$	1.86	Expected target letting 2/9/17.
NYSDOT	581260	Bridge MBC & Preservation Ph I	6/7/2017	\$	3.39	Expected target letting 6/7/17.
NYSDOT	581261	Bridge MBC & Preservation Ph II	2/8/2018	\$	3.86	Expected target letting 2/8/18.
NYSDOT	581262	Bridge MBC & Preservation Ph I	6/5/2018	\$	4.25	Expected target letting 6/5/18.
NYSDOT	581263	Bridge MBC & Preservation Ph II	2/12/2019	\$	4.50	Expected target letting 2/12/19.
NYSDOT	581273	Large Culvert Repairs (Invert Paving) on NY 18, NY 93, US, 62, I-86, & I-990	6/1/2015	\$	0.54	Amendment #20: New project, PIN5812.73, added to TIP.
NYSDOT	581279	General Bridge Repairs of Main St over Erie Canal, Niagara County	2/1/2016	\$	0.94	Amendment #22: New project, PIN 5812.79, added to TIP.
NYSDOT	581281	Bridge Painting Erie County	11/1/2015	\$	1.58	Amendment #22: New project, PIN 5812.81, added to TIP.
NYSDOT	581285	Rt 219, Duerr Rd - I-90 Merge	4/21/2016	\$	3.40	Amendment #28: New project, PIN 5812.85, added to TIP.
NYSDOT	581286	Rt 277 S of Chestnut Ridge Park - Elmhurst Dr	1/15/2016	\$	2.33	Amendment #28: New project, PIN 5812.86, added to TIP.
NYSDOT	581287	Drainage Improvements on Rt 240, Potters Rd - Caz Creek	12/15/2016	\$	0.18	Amendment #37: New project, PIN 5812.87, added to TIP.
NYSDOT	581288	Rt 951A LaSalle Expwy WB, Rt 957A RMP - Williams Rd	5/19/2016	\$	1.46	Amendment #28: New project, PIN 5812.88, added to TIP.
NYSDOT	581289	Rt 384 Delaware Av, Nottingham Terr - Kenmore av	6/16/2016	\$	2.00	Amendment #28: New project, PIN 5812.89, added to TIP.
NYSDOT	593395	Sheldon Ave - DLW	12/15/2014	\$	-	Project deleted.
NYSDOT	593400	Carmen Rd / CD 905 - FRR	4/15/2018	\$	0.17	Expected target letting 4/15/18.
NYSDOT	593401	Kelley St - FRR	6/15/2016	\$	0.17	Target letting 6/15/16. Expected project completion 12/15/17.
NYSDOT	593402	Orchard St - FRR	2/15/2016	\$	0.19	Target letting 2/15/16. Expected project completion 12/15/17.
NYSDOT	593403	Vernon St - FRR	4/15/2016	\$	0.19	Target letting 4/15/16. Expected project completion 7/15/17.

NYSDOT	593427	Main St - FRR	4/15/2016	\$	0.19	Target letting 4/15/16. Expected project completion 4/15/17.
NYSDOT	593428	Pound Rd - FRR	4/15/2016	\$	0.17	Target letting 4/15/16. Expected project completion 7/15/17.
NYSDOT	593429	26 Crossings - BSOR	5/1/2014	\$	0.12	Expected construction completion 12/15/16. Expected project completion 12/15/17.
NYSDOT	593430	Genesee Rd - BPRR	3/15/2016	\$	0.17	Target letting 3/15/16. Expected project completion 6/30/17.
NYSDOT	593431	Active Warning Device Upgrade; FFY 2015; NS	5/1/2015	\$	0.14	Project in development.
NYSDOT	593432	Warner Hill Rd - BPRR	5/1/2016	\$	0.17	Project in development.
NYSDOT	593433	Active Warning Device Upgrade; FFY 2016; NS	5/1/2016	\$	0.14	Project in development.
NYSDOT	593434	Active Warning Device Upgrade; FFY 2017; BSOR	5/1/2017	\$	0.19	Project in development.
NYSDOT	593435	Active Warning Device Upgrade; FFY 2018; All	5/1/2018	\$	0.61	Project in development.
NYSDOT	593442	Grade Crossing Surface Replacements, EC	8/1/2014	\$	0.17	Amendment #9: New project, PIN 5934.42, added to TIP.
NYSDOT	593443	Grade Crossing Surface Replacements, NC	8/1/2014	\$	0.11	Amendment #9: New project, PIN 5934.43, added to TIP.
NYSDOT	593444	Grade Crossing Surface Replacements, NC	9/1/2014	\$	0.11	Amendment #12: New project, PIN 5934.44, added to TIP.
NYSDOT	593649	Buffalo Rd; CSX Lockport	10/15/2016	\$	0.31	Expected target letting 10/15/16. Expected Project Completion 12/31/17.
NYSDOT	593650	Ensminger Rd; CSX Niagara	10/15/2016	\$	0.31	Expected target letting 10/15/16. Expected Project Completion 12/31/17.
NYSDOT	593651	Franklin St; CSX Niagara	10/15/2016	\$	0.31	Expected target letting 10/15/16. Expected Project Completion 12/31/17.
NYSDOT	593653	Active Warning Device Upgrade; FFY 2012; NS	12/15/2014	\$	-	Project deleted.
NYSDOT	593654	Active Warning Device Upgrade; FFY 2012; NS	12/15/2014	\$	-	Project deleted.

NYSDOT	593655	Active Warning Device Upgrade; FFY 2013; NS	12/15/2015	\$ -	Project deleted.
NYSDOT	593658	Mathews Road @ Norfolk Southern RR	12/15/2014	\$ 0.20	Project withdrawn.
NYSDOT	594061	Peet St/Erie Canal Bridge Removal	2/6/2014	\$ 0.51	Ad Mod #5: PIN 5940.61 was merged with PIN 5940.62. Let date changed to 2/6/2014 for both.
NYSDOT	594062	Wruck Rd/Erie Canal Bridge Removal	2/6/2014	\$ -	Ad Mod #5: PIN 5940.61 was merged with PIN 5940.62. Let date changed to 2/6/2014 for both.
NYSDOT	5B1401	State Bridge Inspections; FFY 13/14	N/A	\$ 2.00	Project completed 9/30/15.
NYSDOT	5B1501	State Bridge Inspections; FFY 14/15	N/A	\$ 2.10	Expected project completion 9/30/16.
NYSDOT	5B1601	State Bridge Inspections; FFY 15/16	N/A	\$ 2.10	Expected construction completion 9/30/16. Expected project completion 9/30/17.
NYSDOT	5B1701	State Bridge Inspections; FFY 16/17	N/A	\$ -	Project deleted.
NYSDOT	5B1801	State Bridge Inspections; FFY 17/18	N/A	\$ -	Project deleted.
NYSDOT	5T1454	HSIP CARDS Program; SFY 13/14	6/26/2014	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1533	PMI-Bridge Maintenance Let; SFY 14/15	6/16/2014	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1535	PMI-Pavement Maintenance Let & VPP; SFY 14/15	4/15/2014	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1536	PMI-Pavement Maintenance Let & VPP; SFY 15/16	4/15/2015	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1537	PMI-Pavement Maintenance Let & VPP; SFY 16/17	6/10/2016	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1538	Bridge MBC & Preservation Program; SFY 15/16	6/15/2015	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1539	Bridge MBC & Preservation Program; SFY 16/17	12/12/2016	\$ -	Block funding that was split into multiple PINs as needed.

NYSDOT	5T1540	PMI-Pavement Maintenance Let & VPP; SFY 17/18	6/19/2017	\$ -	Block funding that was split into multiple PINs as needed.
NYSDOT	5T1541	Bridge MBC & Preservation Program; SFY 17/18	12/15/2017	\$ -	Ad Mod #7: PIN 5T15.41 used to create PIN 5812.60 & PIN 5812.61. PIN deleted; used to create multiple PINs as needed.
NYSDOT	5T1542	PMI-Pavement Maintenance Let & VPP; SFY 18/19	6/1/2018	\$ 18.15	Target letting 6/1/18.
NYSDOT	5T1543	Bridge MBC & Preservation Program; SFY 18/19	12/14/2018	\$ -	Ad Mod #7: PIN 5T15.43 used to create PIN 5812.62 & PIN 5812.63. PIN deleted; used to create multiple PINs as needed.
NYSDOT	5T1544	PMI-Pavement Maintenance Let & VPP; SFY 19/20	6/3/2019	\$ 20.95	Target letting 6/3/19.
NYSDOT	5T1552	HSIP State Road Program, SFY 15/16	12/11/2015	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1553	HSIP State Road Program, SFY 16/17	12/13/2016	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1554	HSIP State Road Program, SFY 17/18	12/5/2017	\$ 1.37	Target letting 12/5/17.
NYSDOT	5T1627	HSIP CARDS/Ped Signal Program, SFY 14/15	12/16/2014	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1628	HSIP CARDS/Ped Signal Program, SFY 15/16	12/15/2015	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1629	HSIP CARDS/Ped Signal Program, SFY 16/17	12/14/2016	\$ -	Funds transferred to other various PINs as needed.
NYSDOT	5T1636	HSIP CARDS/Ped Signal Program, SFY 17/18	6/15/2017	\$ 1.17	Expected construction completion 11/1/18.
NYSDOT	5T1640	HSIP State Road Program, SFY 18/19	12/6/2018	\$ 0.23	Target letting 12/6/18.
NYSDOT	5T2000	HSIP CARDS/Ped Signal Program, SFY 18/19	12/15/2018	\$ 0.10	Expected construction completion 11/4/19.
NYSDOT	5V1432	VPP-NY Rt 263; Flint - NY Rt 270	6/15/2014	\$ -	Project is closed.
NYSDOT	5V1433	VPP-Rt 277; Walden Av - N George Urban Blvd	6/15/2014	\$ -	Project is closed.
NYSDOT	5V1442	VPP-NY Rt 62; BIN 1028200 (Eden	6/15/2014	\$ -	Project is closed.

		Valley) - RM 62-5303-1186				
NYSDOT	5V1443	VPP-Rt 16 & 951V; NY Rt 400 - South St	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1444	VPP-NY Rt 62; NY Rt 179 - Lackawanna SCL	6/15/2014	\$	-	Ad Mod #16: PIN 5V14.44 funds used as offset for PIN 5268.48. PIN 5V14.44 deleted from NYSDOT Capital Program.
NYSDOT	5V1445	VPP-US Rt 20A; US Rt 20 - US Rt 219	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1446	VPP-NY Rt 5; Kane St - BIN 1074270	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1452	VPP-NY Rt 31; NY Rt 425 - NY Rt 270	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1453	VPP-NY Rt 265; Ward Rd - Wheatfield Town Line	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1454	VPP-NY Rt 93; NY Rt 18 - Ransomville Rd	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1455	VPP-NY Rt 104; NY Rt 425 - NY Rts 93 & 270	6/15/2014	\$	-	Project is closed.
NYSDOT	5V1532	VPP-NY Rt 78; Ransom Creek Bridge - Rt 263	4/1/2015	\$	-	Project is closed.
NYSDOT	5V1533	VPP-NY Rt 5; Williamsville EVL - Rt 78	4/1/2015	\$	-	Project is closed.
NYSDOT	5V1535	VPP-Rt 324 GI Blvd, Rt 266-Rt 325	6/12/2015	\$	-	Amendment #24: New project, PIN 5V15.35, added to TIP.
NYSDOT	5V1542	VPP-NY Rt 5 Lakeshore Rd; Big Tree Rd - Camp Rd; Rt 75 - Rt 5	4/1/2015	\$	-	Project is closed.
NYSDOT	5V1543	VPP-US Rt 20/78; Rt 400 Access - BIN 1015550	4/1/2015	\$	-	Project is closed.
NYSDOT	5V1545	VPP-US 20, BIN 1015520 - Rt 325	6/1/2015	\$	-	Amendment #24: New project, PIN 5V15.45, added to TIP.
NYSDOT	5V1546	VPP-Rt 39, Dupont Rd - Mortons Corners Rd	6/1/2015	\$	-	Amendment #24: New project, PIN 5V15.46, added to TIP.
NYSDOT	5V1547	Rt 354 Clinton St, Two Rod Rd - Wyoming Co Line	7/1/2015	\$	0.79	Amendment #30: New project, PIN 5V15.47, added to TIP.
NYSDOT	5V1552	VPP-NY Rt 952V Williams Rd; Rt 265/384 - Rt 62	4/1/2015	\$	-	Construction completed.

NYSDOT	5V1553	VPP-NY Rt 957B South Pkwy; Rt 957C West River Pkwy - I-190 On/Off Ramps	4/1/2015	\$ -	Construction completed.
NYSDOT	5V1554	VPP-Rt 18, W of W Creek Rd - W of Transit Rd	6/1/2015	\$ -	Amendment #24: New project, PIN 5V15.54, added to TIP.
NYSDOT	5V1633	Rt 130 Broadway, Old Broadway - W of Chateau Ct	2/24/2016	\$ 0.16	Amendment #28: New project, PIN 5V16.33, added to TIP.
NYSDOT	5V1642	Rt 39, Rt 62 - Rt 75	6/15/2016	\$ 1.11	Amendment #32: New project, PIN 5V16.42, added to TIP.
NYSDOT	5V1652	Rt 269, Rt 104 - Rt 429	8/26/2016	\$ 0.22	Amendment #28: New project, PIN 5V16.52, added to TIP.
NYSDOT	5V1653	Rt 62, E of Mavis Dr - Rt 429	6/15/2016	\$ 0.25	Amendment #28: New project, PIN 5V16.53, added to TIP.
NYSDOT	5V1654	Rt 265/384, N Tonawanda WCL - Niagara Falls ECL	2/24/2016	\$ 0.45	Amendment #28: New project, PIN 5V16.54, added to TIP.
NYSDOT	5V1655	Rt 93, Upper Mt Rd - Rt 31/270	2/24/2016	\$ 0.28	Amendment #28: New project, PIN 5V16.55, added to TIP.
NYSDOT	5V1656	Rt 270, N Tonawanda Creek Rd - Bear Ridge Rd	2/24/2016	\$ 0.18	Amendment #28: New project, PIN 5V16.56, added to TIP.
NYSDOT	5V1657	Rt 31, Rt 270 - Park Av	2/24/2016	\$ 0.62	Amendment #28: New project, PIN 5V16.57, added to TIP.
NYSDOT	5V1658	Rt 182, Packard Rd - Rt 62	2/24/2016	\$ 0.25	Amendment #28: New project, PIN 5V16.58, added to TIP.
NYSDOT	5V1743	VPP-Rt 39, Zoar Valley Rd - Barnstead & Rt 219 Ramps @ Rt 39	6/1/2015	\$ -	Amendment #24: New project, PIN 5V17.43, added to TIP.
NYSDOT/NYSTA	504101	Rt 438 Over I-90	9/23/2015	\$ -	Project was deleted.
NYSDOT/NYSTA	552829	I-90/I-290 Interchange	12/1/2019	\$ -	Target letting 12/1/19.
NYSDOT/NYSTA	552836	Rt 20/I-90	9/25/2013	\$ 1.20	Expected project completion 1/12/16.
NYSDOT/NYSTA	552839	Milestrip Rd Over I-90/Tn of Brant	9/23/2015	\$ -	Expected project completion 6/1/2017.
NYSTA	575753	Erie Canalway Corridor - Restoration of Flight of 2 Locks	7/15/2013	\$ -	Project closed 9/23/2014.
Thruway	552828	I-90 Toll Barrier Relocation	6/15/2017	\$ -	Project is a study.

Thruway	552830	Corridor Study; I-90 NYS Thruway Corridor		\$	-	Project is a study.
Thruway	575664	Amherst to Lockport Canalway Trail	11/8/2017	\$	-	Project withdrawn from PSS system and deleted from TIP; federal-aid money has been spent, only Canal Corp money being used currently. Project is in preliminary design with a let date in 11/2017 and construction to begin in spring 2018.
Thruway	TAN 13-10B	N Grand Island Bridge Repairs	6/15/2013	\$	-	Construction completed.

TIP Change Summary

The second TIP closeout item summarizes those formal actions taken to manage the 2014-2018 TIP, including the addition of new projects. The GBNRTC has a rigorous set of change control thresholds and approval processes (discussed elsewhere in this document) which are used when dealing with the region's Transportation Improvement Program. The level of action required is dependent upon the type of change being made. All actions are documented and posted on the GBNRTC website. These changes collectively constitute a progress report on the accomplishments made toward implementation of the program and towards advancing the goals and objectives set forth in the long-range metropolitan plan.

Date	Description	Action
10/16/13	<p>PIN 5470.22 – Rt. 198 Scajaquada Corridor Study Phase I</p> <p>Split \$0.010M STP Flex for PIN 5470.30 Elmwood over Rt. 198 from existing PIN 5470.22 Rt. 198 Scajaquada Corridor Study Phase I to advance an environmental study.</p>	<p>AdMod Level TPS 2</p> <p>Resolution Ballot 003 N/A</p>
11/6/13	<p>PIN 5760.80 - NY Gateway Connections Improvement to US Peace Bridge Plaza</p> <p>Created a ROW phase and transfer \$0.882M NY 680 (\$0.706 federal + \$0.176M state) from Construction to ROW Acquisition. ROW Incidentals are funded with SDF.</p>	<p>AdMod Level PCC 1</p> <p>Resolution Ballot 005 N/A</p>
11/20/13	<p>PIN 5760.82 - Resurfacing Lockport Rd; Walmore Rd - Bear Ridge Rd; Phase 2</p> <p>Split the construction phase of the project into 2 phases (Phases 2 & 3). Phase 1 is currently PIN 5757.10 – Lockport Rd Intersection Improvements. Phase 2 will be PIN 5760.82 - Resurfacing of Lockport Rd from Walmore Rd to Town Line Rd. Phase 3 will be PIN 5760.82 – Resurfacing of Lockport Rd from Town Line Rd to Bear Ridge Rd.</p>	<p>AdMod Level TPS 3</p> <p>Resolution Ballot 007 and 014 N/A</p>
11/20/13	<p>PIN 5757.14 - Niagara Street Gateway – Elmwood Ave. to Virginia St.; City of Buffalo, Erie County</p> <p>Removed \$2M local funding (City of Buffalo) from the adjacent City of Buffalo funded project on Niagara Street from Virginia St. to Porter Ave. This action will allow the original project to be bid before March 2014 and maintain fiscal constraint. This action reverses TPS action AdMod #69 taken/approved in June 2013.</p>	<p>AdMod Level TPS 4</p> <p>Resolution Ballot 008 N/A</p>
11/20/13	<p>Merged PIN 5940.61 Peet St / Erie Canal Bridge and PIN 5940.62 Wruck Rd / Erie Canal Bridge</p> <p>Project merger to facilitate one letting under PIN 5940.61. The current let of 11/22/2013 will slip within the same FFY to 2/6/2014.</p>	<p>AdMod Level TPS 5</p> <p>Resolution Ballot 006 N/A</p>
12/18/13	<p>Merged PIN 5580.44; I-290 Bridges Over Rt 265 and PIN 5580.45; I-290 Bridges Over Rt 384</p> <p>Merged projects into one letting under PIN 5580.44; I-290 over Rt 265 and Delaware Ave.</p> <p>A cost increase of \$4.269M (+ \$4.169M CBI and \$0.1M Intermodal) due to expanded rehabilitation needs and additional M&PT costs. A Construction Utility phase was also added.</p>	<p>Amendment Level PCC 2</p> <p>Resolution Ballot 012 2013-11</p>
2/5/14	<p>PIN 5756.84 – Tonawanda Rails to Trails</p> <p>Terminus change. Project will now terminate on State Street in the City of Tonawanda to adapt to available funding and scheduling constraints. There is no cost change associated with this minor scope change.</p>	<p>Amendment Level PCC 6</p> <p>Resolution Ballot 2014-8</p>
2/14/14	<p>FFY 2012 §5316 Job Access Reverse Commute and §5317 New Freedom Programs</p> <p>Seven (7) new projects added.</p> <p>§5316 Job Access Reverse Commute Program (3 projects): \$24,906 to Cantalician Center for Learning, Inc.; \$288,685 to the NFTA and \$249,843 to Heritage Centers.</p> <p>§5317 New Freedom Program (4 projects): \$137,501 to Hearts & Hands: Faith in Action; \$64,993 to WNY Independent Living Center, Inc.; \$98,993 to Erie County Department of Senior Services and \$36,320 to Amherst Senior Transportation Services, Inc.</p>	<p>Amendment Level Policy 1</p> <p>Resolution Ballot 026 2014-1</p>

2/14/14 **Functional Classification Changes**

USDOT-FHWA Action Memorandum received September 10, 2012 requested that each state submit maps of the expanded NHS System, including existing Principal Arterials and propose reclassifications. FHWA has reviewed the GBNRTC/NYS DOT submission of regional candidates for reclassification as Principal Arterials that would complete or enhance the NHS system and selected three (3) routes:

Rt. 16; Rt. 400 to Erie County Line, and
Rt. 62; Rt. 391 to Erie County Line
North French Road (CR 299); Rt. 62 to Rt. 78

The reclassified routes/segments will be reflected on subsequent functional classification maps.

Amendment 3
Level Policy

Resolution 2014-4
Ballot

2/14/14 **Railroad Safety Program Realignment**

Added nine (9) new projects, deleted four (4) existing projects and delayed seven (7) existing projects. Additional HSIP funding to the region will offset cost increase (+\$1.975M) and maintain fiscal constraint.

Projects Added:

- PIN 5934.27 – Main St-FRR, +\$0.190M, FFY2014
- PIN 5934.28 – Pound Rd- BPRR, +\$0.170M, FFY 2014
- PIN 5934.29 – 26 crossings-BSOR, +\$0.120M, FFY2014
- PIN 5934.30 – Genesee Road-BPRR, +\$0.170, FFY 2015
- PIN 5934.31 – Active Warning Device upgrade FFY 2015 –NS, +\$0.140M, FFY 2015
- PIN 5934.32 – Warner Hill Rd/-BPRR, +\$0.170M, FFY 2016
- PIN 5934.33 – Active Warning Device upgrade FFY 2016-NS, +\$0.140M, FFY 2016
- PIN 5934.34 – Active Warning Device upgrade FFY 2017-BSOR, +\$0.190M, FFY 2017
- PIN 5934.35 – Active Warning Device upgrade FFY 2018- All, +\$0.610, FFY 2018

Projects Deleted:

- PIN 5933.95 – Sheldon Ave-DLW, -\$0.135M
- PIN 5936.53 – Active Warning Device upgrade FFY 2012 –NS, -\$0.200M
- PIN 5936.54 – Active Warning Device upgrade FFY 2012 –NS, -\$0.200M
- PIN 5936.55 – Active Warning Device upgrade FFY 2013 –NS, -\$0.200M

Projects Delayed:

- PIN 5934.00 – Carmen Rd-FRR, +\$35K, FFY 2015
- PIN 5934.01 – Kelley St-FRR, +\$35K, FFY 2015
- PIN 5934.02 – Orchard St-FRR, +\$55K, FFY 2016
- PIN 5934.03 – Vernon St-FRR, +\$55K, FFY 2014
- PIN 5936.49 – Buffalo Road-CSX, +\$210K, FFY 2017
- PIN 5936.50 – Ensminger Road-CSX, +\$210K, FFY 2018
- PIN 5936.51 – Franklin St-CSX, +\$210K, FFY 2018

Amendment 4
Level Policy

Resolution 2014-3
Ballot 018

2/14/14 **PIN 5757.28: Clarence Center Rd over Gott Creek**

Changed scope from bridge repairs to a bridge replacement.

Fiscal constraint will be maintained as there is no cost increase associated with this change in scope.

Amendment 5
Level Policy

Resolution 2014-2
Ballot

2/19/14 **PMI-Bridge Maintenance Block Split**

Broke four (4) PMI-Bridge Maintenance block PINS (5T) into two separate PINs:

- 5T15.38 (Let 6/2015 \$4.4M) now 5812.56 Phase I (Let 6/2015 \$2.2M) and 5812.57 Phase 2 (Let 2/2016 \$2.2M)
- 5T15.39 (Let 6/2016 \$9.6M) now 5812.58 Phase I (Let 6/2016 \$4.8M) and 5812.59 Phase 2 (Let 2/2017 \$4.8M)
- 5T15.41 (Let 6/2017 \$9.6M) now 5812.60 Phase I (Let 6/2017 \$4.8M) and 5812.61 Phase 2 (Let 2/2018 \$4.8M)
- 5T15.43 (Let 6/2018 \$9.6M) now 5812.62 Phase I (Let 6/2018 \$4.8M) and 5812.63 Phase 2 (Let 2/2019 \$4.8M)

AdMod 7
Level TPS

Resolution N/A
Ballot 020

2/19/14 **Realignment of FTA Program**

Recent scheduling changes to three (3) current transit projects have necessitated a realignment of FTA program funding into new anticipated years of expenditure. A larger local share was also added to PIN 5823.78.

This action reprogrammed existing unexpended transit funds from past fiscal years into new fiscal years with no increase in federal funding levels. Fiscal constraint is maintained.

AdMod 8
Level TPS

Resolution N/A
Ballot 028

3/19/14 PIN 5760.44: Bridge Deck Overlay & Joint Replacement	Added funding to the Construction phase. The project was let on 2/18/14 and the low bid was \$0.334M. This is \$0.109M over the total Construction amount obligated. The high bid was due to an addendum which added work to the Minnick Rd bridge over Mud Creek. Additional funding is comes from PIN 575899 - Local Bridge Maintenance Program; SFY 14/15.	AdMod Level TPS 9 Resolution Ballot N/A
3/19/14 PINs 5757.30 Savage Rd. & 5758.74 Abbott Rd Bridge Replacement Projects	Moved \$0.245M STP Large Urban funds (includes local match) from ROWACQ phase of North Forest Rd. project (PIN 5753.74) to Construction phases of PIN 5757.30 Savage Rd and PIN 5758.74 Abbott Rd Bridge Replacement Projects. Fiscal constraint is maintained.	AdMod Level TPS 10 Resolution Ballot N/A 024
3/19/14 PIN 5756.09: West Ferry Street Bridge over Black Rock Channel (Rehabilitation)	\$0.220M of fed-aid (matched funds) was de-obligated from design phase (under previous STIP). Sponsor will use \$0.220M of Local funds from construction phase to cover the shortage in Design. Sponsor requesting \$0.220M federal aid (matched funds) from construction phase of PIN 5758.99 - Local Bridge Maintenance Program SFY14/15 to fund construction for PIN 5756.09. Fiscal constraint by moving federal funds between these 2 projects.	AdMod Level TPS 11 Resolution Ballot N/A 024
4/2/14 PMI-Bridge Maintenance; SFY 14/15 – Program changes	PIN 5812.45 Bridge General Repairs in Erie County: This action allocates bridge maintenance block funds from PIN 5T1533 to repair or replace deficient bridge elements and extend the service life of thirteen (13) bridges located in the Towns of Boston, Hamburg, Holland, Elma, West Seneca and the City of Lackawanna. Total matched cost is \$2.708M and uses NHPP and STP Flex funds for the federal portion (\$1.926M). Construction is anticipated during State Fiscal Year 2014/2015. PIN 5812.47-Bridge General Repairs in Niagara County: This action allocates bridge maintenance block funds from PIN 5T1533 to repair or replace deficient bridge elements and extend the service life of thirteen (13) bridges located in the Towns of Amherst and Wheatfield, and the Cities of Niagara Falls and Buffalo. Total matched cost is \$2.324 M and uses NHPP funds for the federal portion (\$1.620M). Construction is anticipated during State Fiscal Year 2014/2015. Funding/Letting Split within same FFY; fiscal constraint is maintained.	Amendment Level PCC 7 Resolution Ballot 2014-9 021
4/2/14 FFY 2012 Transportation Enhancement Program (TEP) Project Additions (7)	PIN 5760.85 Pendleton Recreational Pathways Expansion (Niagara County) - Extension of rails to trails project. Total cost \$800,191: (federal TEP funds \$640,153, local match \$160,038). Proposed let date 4/15/2016. PIN 5760.87 Newstead Trailway Expansion Project (Erie County) - New bike/ped trail to connect downtown to existing 7.8 mile trail including trail head development and wayfinding signage. Total cost \$396,854: (federal TEP funds \$245,854; local match \$61,464, local contribution \$89,536). Proposed let date 4/15/2016. PIN 5760.88 Town of Holland Sidewalk Connection & Beautification Project (Erie County) - Sidewalk project to connect schools and residents to downtown area. Total cost \$463,131: (federal TEP funds \$370,505; local match \$92,626). Proposed let date 4/15/2016. PIN 5760.89 Newfane Streetscape Improvements (Niagara County) - Beautification of Main Street (NY 78) including Gateway treatments, pocket park improvements, and streetscaping. Total cost \$421,100: (federal cost \$336,880; local match \$84,220). Proposed let date 4/15/2016. PIN 5760.91 Amherst Sidewalks for Safety (Erie County) - Extension of sidewalks projects to connect areas of Amherst to schools. Total cost \$508,000: (federal TEP funds \$406,400; local match \$101,600). Proposed let date 4/15/2016. PIN 5760.92 Williamsville Picture Main Street (Erie County) - Traffic calming and streetscaping on Main Street in Williamsville. Total cost \$3,125,000: (federal TEP funds \$2,500,000; local match \$625,000). Proposed let date 4/15/2016. PIN 5760.93 Clarence - Transit to Harris Hill (Erie County) - Sidewalk project on Main Street (Rt. 5) in Clarence. Total cost \$519,501: (federal TEP funds \$415,601, local match \$103,900). Proposed let date 4/15/2016.	Amendment Level PCC 8 Resolution Ballot 2014-10 027
4/18/14 Two (2) New Project Additions	1. PIN 5934.42: Grade Crossing Surface Replacements - Replace the grade crossing surfaces (new rail, new ties , new concrete panels surfaces) on 4 crossings: Pleasant Ave, Sowles Road, Gowanda State Road (Rt. 62) and Shadagee Road - Buffalo Southern Railroad, Town of Hamburg, Town of Collins and Town of Eden, Erie County (DOT/AAR # 265579G, 265584D, 265515 V and 265566 F). \$0.165M HSIP Rail. Let date 8/14. 2. PIN 5934.43: Grade Crossing Surface Replacement - Replace the grade crossing surfaces (new rail, new ties, new concrete panels surfaces) on 1 crossing: Niagara St (Falls Road Railroad) City of Lockport, Niagara County (DOT/AAR # 520805F). \$0.110M HSIP Rail. Let date 8/14.	Amendment Level Policy 9 Resolution Ballot 2014-11 025

5/12/14 **NFTA Program Realignment (FFY 13/14)**

PIN Project Status
5758.66 NFTA Bus Purchase Dates Amended
5823.56 Bus and LRRT Fare Collection Deleted
5823.57 Purchase Revenue Vehicles Amended
5823.61 Associated Capital Maintenance Amended
5823.62 Paratransit Operating Assistance Amended
5823.63 Preventive Maintenance Amended
5823.64 Associated Transit Improvements Amended
5823.65 Track Foundation and Fastener Replacement Deleted
5823.66 Project Administration Amended
5823.68 LRRT Station Rehabilitation Amended
5823.69 Track Foundation and Fastener Replacement Amended
5823.70 Preventive Maintenance Amended
5823.71 LRRT Fare Collection Replacement Amended
5823.72 Catenary and Insulators Replacement Obligation Date Amended
5823.73 LRV Wheel Truing Machine Spend Date Amended
5823.74 LRV Traction Motor Obligation Date Amended
5823.75 Purchase Revenue Vehicles Amended
5823.76 Bus Fare Collection Replacement Dates Amended
5823.81 Transit Planning Assign PIN
5823.82 Purchase Paratransit Vehicles Assign PIN
5823.83 Bus Maintenance Project Assign PIN
5T17.59 Bus Facility Rehabilitation Amended
5T17.78 Preventive Maintenance Amended

Amendment 11
Level Policy
Resolution 2014-13
Ballot 031

5/12/14 **Rail Car Rebuild**

Due to an oversight, PIN 5822.27 - Rail Car Rebuild was inadvertently left off the 2014-2018 TIP. This restores the project to the TIP with its current FTA \$5309 (\$8.301M) & \$5307 (\$1.155M) funding balances. These funds were always available, just unaccounted for, so fiscal constraint is maintained.

Amendment 10
Level Policy
Resolution 2014-12
Ballot 029

6/18/14 **PIN 5756.83 North Buffalo Rails to Trails**

\$0.210M of CMAQ funds added to Construction & CI phases.

Additional funding will be transferred from PIN 5755.54 ITS/Incident Management – Phases 4B &4C. Fiscal constraint is maintained.

AdMod 17
Level TPS
Resolution N/A
Ballot 033

6/18/14 **PIN 5268.48 Rt. 240 Mineral Springs Rd-Clinton St**

ROW Incidentals cost increased from \$0.010M to \$0.050M.

Funding offset provided by PIN 5V14.44 VPP US Rt. 20A; US Rt. 20 – US Rt. 219, which has been deleted from the NYSDOT's Capital Program. Fiscal constraint maintained.

AdMod 16
Level TPS
Resolution N/A
Ballot 034

6/18/14 **PINs 5823.93 Job Access and Reverse Commute Grant Administration FFY12 and 5823.94 New Freedom Grant Administration FFY12**

New PINs created to allow NFTA to use previously reserved FFY 2012 JARC (\$0.063M)/NF (\$0.038M) funds to administer existing FFY 2012 JARC/NF projects.

Since 10% of FFY 2012 JARC/NF funds were previously reserved for project administration, fiscal constraint is maintained.

AdMod 15
Level TPS
Resolution N/A
Ballot 032AM

6/18/14 **PIN 5758.66 NFTA Bus Purchase**

Added additional CMAQ funding (\$0.160M) to reflect the actual cost to purchase four (4) Compressed Natural Gas (CNG) 40 foot buses.

This action transfers available CMAQ funds (\$0.128M) from PIN 5755.54 ITS Incident Management. Fiscal constraint is maintained.

AdMod 14
Level TPS
Resolution N/A
Ballot 033

6/18/14 **PIN 5756.84 Tonawanda Rails to Trails**

Added \$0.300M of CMAQ funding to Design, ROW Acquisition and Construction phases.

Additional funding will be transferred from PIN 5755.54, ITS/Incident Management Phases 4B &4C. Fiscal constraint is maintained.

AdMod 12
Level TPS
Resolution N/A
Ballot 033

6/18/14 PIN 5011.33 Rt. 93 (Dysinger Rd) Sidewalk Installation	AdMod Level TPS 13
Decreased PS&E construction costs from \$0.750M to \$0.454M with the extra funds (\$0.348M) transferred to PIN 5T15.52 HSIP State Road Program, SFY 15/16. Local Share of PIN 5011.33 also reduced to \$0.	Resolution Ballot N/A 030
Action involves a cost reduction and shift of funding to an existing project so fiscal constraint is maintained.	
7/9/14 PIN 5760.80 NY Gateway Connections	AdMod Level PCC 18
Increased project matched cost from \$19.5M to \$44.82M to reflect current engineer's estimates. Surplus funds from two federal earmarks (+\$2.814M), along with additional local and state funds (+\$22.51M) were used to offset the increase. New construction costs shares are as follows:	Resolution Ballot N/A 035
Federal Earmark NY 680 - \$14.698M Federal Earmark NY 270 - \$0.802M Federal Earmark NY 640 - \$1.212M NYSDOT State funds - \$16.356M City of Buffalo Share - \$0.374M (for work on Span 1 of Porter Ave Bridge, plus lighting betterments) Peace Bridge Authority Share - \$0.358 (Signing along Busti Ave and along Peace Bridge Plaza) NYSTA Share - \$6.700M (Design and construction of two spans for Porter Ave Bridge replacement)	
7/14/14 New Highway Safety Improvement Program (HSIP) Projects	Amendment Level PCC 14
Added four (4) new Highway Safety Improvement Program (HSIP) projects selected from a statewide competition:	Resolution Ballot 2014-18 048
PIN 5760.96 Safety Improvements on Bailey Ave. \$0.120M (\$0.108M HSIP + \$0.012M match) PIN 5760.97 Safety Improvements at Colvin Blvd@ Brighton Rd. intersection \$0.500M (\$0.450M HSIP + \$0.050M match) PIN 5760.98 Safety Improvements on Parkside Ave. near Florence Ave. \$0.500M (\$0.450M HSIP + \$0.050M match) PIN 5808.28 Safety Improvements on Elm and Oak and North and South Division Streets \$3M (\$2.7M HISP + \$0.300M match)	
This represents new HSIP funding to region. Fiscal constraint maintained.	
7/14/14 PIN 5T15.36 PMI-PAVT MAINT LET & VPP; SFY 15/16	Amendment Level PCC 13
\$7.741M (NHPP, STP Urban and STP Flex) from the existing funding block reserved for maintenance broken into six separate projects (PINs 5812.49, 5812.50, 5812.51, 5812.52, 5812.53 and 5812.54):	Resolution Ballot 2014-17 039
PIN 5812.49 Rt. 324 & Rt. 240 & Rt. 277, \$1.814M (\$0.377M SDF, \$0.246M STP Flex, \$0.02M HSIP, \$1.169M NHPP) PIN 5812.50 Rt. 78; Terrace Blvd. - George Urban Blvd., \$0.856M (\$0.183M SDF, \$0.631M NHPP, \$0.042M HSIP) PIN 5812.51 Rt. 62; Rt. 179 - Lackawanna SCL, \$0.781M (\$0.171M SDF, \$0.609M NHPP) PIN 5812.52 Rt. 240; 950M (Potter Rd.) - N. Seneca St., \$0.884M (\$0.194M SDF, \$0.690M STP Urban) PIN 5812.53 Rt. 104; NF CL - Center St., \$1.948M (\$0.405M SDF, \$1.543M NHPP) PIN 5812.54 Walden Ave (Ref Rt. 952Q); Rt. 277 - CSX Br., \$1.725M (\$0.358M SDF, \$1.33M NHPP, \$0.037M HSIP)	
Projects are consistent with the block funding scope. Fiscal constraint is maintained.	
7/14/14 PIN 5934.44 Fourteen (14) Crossings/Falls Road Railroad	Amendment Level PCC 12
New project (\$0.110M HSIP Rail) upgrades flashers on fourteen (14) railroad crossings in Niagara County. \$0.099M HSIP, \$0.011 state match.	Resolution Ballot 2014-16 038
New HSIP Rail funding to region. Fiscal constraint maintained.	
7/23/14 PIN 5757.43 Outer Harbor Trail Phase II	AdMod Level TPS 19
Added \$0.045M to design phase for additional survey services for PIN 5760.26 – Ohio Street.	Resolution Ballot N/A 040
Funds will be taken from the Construction Phase of PIN 5755.54 - ITS/INC MGMT PHASE 4B & 4C, NYSDOT. Fiscal constraint maintained.	
8/6/14 PIN 5760.80 NY Gateway Connections	AdMod Level TPS 20
Overall project cost increased \$2.402M. \$11M of new Coordinated Border Infrastructure (CBI) funds were made available to the Region reducing state SDF participation. Earmark Q640 reduced by \$1.05M. \$83k	Resolution N/A

	increase proposed under Buffalo's local construction share. Fiscal constraint maintained.	Ballot	
8/20/14	Divided the Bridge Painting and Bridge Cleaning projects (PINS 5807.80 Bridge Painting in the Town of Amherst and 5807.87 Bridge Cleaning at various locations in Erie & Niagara Counties) into five smaller projects, so, that the work can be limited to smaller areas, making it more feasible to complete the required work in a more efficient manner. One new project is being created in the MPO area, PIN 5812.48 Bridge Painting at various locations in Niagara County, \$1.553M (\$1.243 federal NHPP/Flex + \$0.310M state).	AdMod Level	21 TPS
		Resolution Ballot	N/A 041
8/20/14	Transferred \$0.273M of FFY 2014 FTA Section 5307 funds from PIN 5823.66 Project Administration into PIN 5822.63 Preventative Maintenance (\$242,955) and PIN 5823.64 Associated Transit Improvements (\$30,045).	AdMod Level	22 TPS
	Re-allocation of funds within Sec. 5307 Program maintains fiscal constraint.	Resolution Ballot	N/A
8/26/14	NYSDOT STIP changes which moved unobligated FFY14 project funds to a new fiscal year of anticipated obligation.	Information Level	TPS
		Resolution Ballot	N/A 042
9/3/14	PIN 5758.22 Strickler Rd (CR 269) @ County Rd (CR 282) Intersection Safety Improvements	AdMod Level	24 PCC
	Added \$171K High Risk Rural Roads federal funding + \$18K local match funding to the design, construction, and inspection phases. The design funding covers a wetlands determination and evaluation report, as well as extra design work to avoid the wetland area. The construction funding covers several change orders and the difference between the bid and engineers estimate. Fiscal constraint is maintained.	Resolution Ballot	N/A 046
9/3/14	PIN 5760.68 Grand Island Safe Routes to School Program	AdMod Level	23 PCC
	Added a Detailed Design phase (\$25K) and decreased the Construction phase by the same amount based on the current project estimate. Fiscal constraint maintained.	Resolution Ballot	N/A 045
9/15/14	PIN 5T15.36 PMI-PAVMT Let & VPP; SFY 14/15	Amendment Level	16 PCC
	Added six (6) new VPP (Vendor in Place Paving) projects with funding that still remains in this block. A total of \$1.942M in federal funding (NHPP, STP Urban) and \$0.503M in State funding will be transferred from PIN 5T15.36 to the six new VPP projects noted above. Fiscal constraint will be maintained.	Resolution Ballot	2014-20 050
	1. PIN 5V15.32 – NY 78; BIN 1030310 (NY 78/Ransom Creek) – NY 263, \$0.430M 2. PIN 5V15.33 – NY 5;Williamsville EVL – NY 78, \$0.300M 3. PIN 5V15.42 – NY 5 Lake Shore Rd – Big Tree Rd and Rt. 950J (Camp Rd); NY 75- NY 5, \$0.490M 4. PIN 5V15.43 - US 20/NY 78 Overlap; NY 400 Access – BIN 1015550, \$0.490M 5. PIN 5V15.52 – Rt. 952V (Williams Rd); NY 265/NY 384 Overlap – US 62, \$0.300M 6. PIN 5V15.53 – Rt. 957B (South Parkway); Rt. 957C (West River Parkway) – Exit/Entrance ramps to/from I-190 SB, \$0.435M		
9/17/14	PIN 5757.27 Taylor Dr./Little River Bridge Repairs	AdMod Level	25 TPS
	Added \$200K of matched funds (STP-Off System Bridge) to alleviate yellow flag.	Resolution Ballot	N/A
	Funding will come from PIN 5758.99, Local Bridge Maintenance SFY 14/15. Fiscal constraint maintained.		
10/1/14	PIN 5807.92 Pavement Markings (Line A), including installation of CARDS	Amendment Level	15 Policy
	New project addition. Federal HSIP funds are being added to an existing state-funded (SDF) project, requiring that this project is added to the TIP.	Resolution Ballot	2014-19 049
	This request added \$0.078M of HSIP funds (includes SDF match) to Construction & CI phases. Additional funding is being added to install CARDS (Centerline Audible Roadway Delineators) at various locations.		
	Funds will be transferred from PIN 5T16.27, CARDS Block. Fiscal constraint is maintained. Let date is 10/23/2014.		
10/1/14	PIN 5757.16 Buffalo Ave; I190 to Cayuga Dr. (Phase II)	AdMod Level	26 PCC
	Advanced bid date from FFY 2018 to FFY 2016. Project will utilize all STP funding instead of a combination of STP and TAP funds.	Resolution Ballot	N/A 057
	Increases in STP (\$298K) will be offset by slipping PINs 5758.28 Rt. 265 over Cayuga Creek Bridge Repairs, 5758.29 Pine Ave/Gill Creek Bridge Repairs and 5759.84 Harrison St over Chadakoin River. Local match		

increases by \$74K. Fiscal constraint maintained.

10/22/14	PIN 5760.65 Amherst Safe Routes to School Program	AdMod Level	PCC	28
	Transferred \$120K of unspent funds to PIN 5760.91, Amherst Sidewalks; Safety Transportation Enhancement Program to fund Design, Construction, & CI phases in this similar project with the same sponsor. Fiscal constraint maintained.	Resolution Ballot	N/A 068	
11/5/14	PIN 5757.16 Buffalo Ave; I-190 to Cayuga Dr (Phase II)	AdMod Level	PCC	27
	Switched federal funding sources for \$404k in the Construction phase from STP Large Urban to Transportation Alternatives Program (TAP). Fiscal constraint maintained.	Resolution Ballot	N/A 062	
11/5/14	PIN 5392.37 Rt. 400 over Rt. 240 (Harlem Rd) Bridge Replacement	AdMod Level	PCC	29
	Combined PIN 581252 Mill & Overlay of Rt 240 from Rt 950M (Potters Rd) to North Seneca St with this project. The total cost of the projects combined results in an overall cost decrease of \$0.475M in federal funds. Both projects are also being advanced to meet a 2/2015 letting, which does not change the FFY. Fiscal constraint maintained.	Resolution Ballot	N/A 061	
12/3/14	PIN 5811.49 Large Culvert Replacements on Routes 5, 31 & 277 in the Towns of Amherst, Cambria & Hamburg, Erie & Niagara Counties	AdMod Level	PCC	30
	Added a total of \$1.451M STP Flex funds (includes SDF match) from PIN 5808.02 (Drainage Block, SFY 15/16) to cover the additional cost of replacing culverts in this project. Additionally, all culverts being replaced in this project were eligible for NHPP funding, so the STP Flex funds were switched to NHPP. A culvert on Rt 353 in Cattaraugus County, which was originally within the scope of this project, was moved to another project. Fiscal constraint maintained.	Resolution Ballot	N/A 063	
12/15/14	PIN 5760.99 Safety Improvements at the Intersection of Sibley Road and CR 409 (Genesee Road) and NY 240	Amendment Level	Policy	17
	The project will reconfigure the intersection of Sibley Road and Genesee Road near NY 240 in the Town of Concord. The total matched project cost will be \$1.0M using \$0.630M of new High Risk Rural Roads (HR3) monies and \$0.370M of Highway Safety Improvement Program (HSIP) funding transferred from PIN 5759.03 Local HSIP Block in Federal Fiscal Year 2016. Fiscal constraint maintained.	Resolution Ballot	2014-21 066	
12/15/14	Three (3) new projects	Amendment Level	Policy	18
	PIN 5761.01 Town of Hamburg Establishment of Quiet Zone (Phase II) - This new project will enlarge the original railroad quiet zone in the Town of Hamburg established under PIN 5759.70 - Phase I. The project would be funded with \$0.300M remaining from the original project and scheduled for January 2016. PIN 5011.34 Rt. 93 (Dysinger Rd.) North Side Sidewalk Installation from Beattie Ave to Raymond Rd –This new project provides for the installation of sidewalks on the north side of Dysinger Road from Beattie Avenue to Raymond Road in the Town of Lockport. The total matched cost is \$0.494M using Highway Safety Improvement Program (HSIP) funds from PIN 5T15.52, HSIP State Road Program. Work would be scheduled for June 2016. PIN 5809.95 NY Rt. 277 (S. Union) Sidewalk Installation from I-90 to Rt. 5 (Main St) Town of Amherst - This new project installs sidewalks along South Union Rd. from the I-90 to Rt. 5 (Main St.) in the Town of Amherst. The work would combine Surface Transportation Program Flex funding previously reserved in Ped/Bike Funding Blocks for 2015 (5809.95) and 2016 (5809.96). The total matched cost is \$0.597M and the scheduled let date would be December 2016, with construction the following spring.	Resolution Ballot	2014-27 065	
12/15/14	Eight (8) New FFY 2014 Transportation Alternatives Program (TAP) Projects	Amendment Level	Policy	19
	PIN 5761.02 Tonawanda Rails to Trails Extension – Extends Ton. Rails to Trails. Fills gap between Rail-Trails and Canalway trail. Total cost \$0.950M (federal TAP \$0.760M; local match \$0.190M). Proposed let date 6/15/17. PIN 5761.03 Elmwood Ave. Bike/Ped. Improvements (Village of Kenmore) – 1.75m – 10 ft. multi-use path E. side of Elmwood Ave. bike/ped. Kenmore. To North End Drive. Total cost \$0.925M (federal TAP \$0.700M; local match \$0.225M). Proposed let date 6/15/16. PIN 5761.04 Erie County Shoreline Trail Bethlehem Steel Sec. – 10 ft., Wide-8000 ft path along Shoreline Trail. Total cost \$1.2252M (federal TAP \$980,160; local match \$245,040). Proposed let date 8/15/16. PIN 5761.05 Buffalo Riverwalk Shoreline Trail – 1.4m. Improvements to Shoreline Trail. New lights International Rail Bridge. Total cost \$1.98M (federal TAP \$1.580M; local match \$0.400M). Proposed let	Resolution Ballot	2014-26 067	

date 12/15/17.

PIN 5761.06 Lancaster TAP – Safety and infrastructure projects Near Lancaster Middle School and downtown business district. Total cost \$433,485 (federal TAP \$328,382; local match \$105,103). Proposed let date 9/15/16.

PIN 5761.07 Hamburg Healthy Neighborhood Corridor – Combined Sidewalk, pedestrian and SRTS project along neighborhoods between Rt 62 and 75. Total cost \$935,120 (federal TAP \$701,340; local match \$233,780). Proposed let date 12/15/16.

PIN 5761.10 Cheektowaga Safe Crossing – Safety improvements at intersections near five school buildings enhanced crosswalks, striping. Total cost \$258,853 (federal TAP \$207,083M; local match \$51,770). Note PIN # changed from what was released in public notice (5761.08). Proposed let date 11/15/16.

PIN 5761.11 West Niagara River Trail (Grand Island) – 10 ft path to Beaver Island State Park to intersection of long road extending 1.4 miles of trail an additional 6.6 miles. Total cost \$2,475,390 (federal TAP \$1.600M; local match \$875,390). Note PIN # changed from what was released in public notice (5761.09). Proposed let date 12/15/16.

1/21/15 **PIN 5757.10 Lockport Rd; Intersection Improvements & Resurfacing Phases I, II**

AdMod 31
Level TPS

Moved \$160k (matched) of surplus STP Large Urban funds from PIN 5757.13 Lincoln Ave Corridor Improvements project to Lockport Rd (Walmore to Campbell); with \$40k going into Detailed Design and \$120k added to the Construction phase. Construction let date changed to 3/15. Fiscal constraint is maintained.

Resolution N/A
Ballot 071

2/14/15 **PIN 5758.32 Wilson Burt Bridge**

AdMod 32
Level PCC

Moved \$650k (matched) of surplus funds from Lincoln Ave Corridor Improvements (PIN 5757.13) project to the Wilson Burt Bridge project after exchanging STP Large Urban funds for STP Flex funds from PIN 5758.57 Feigle Rd. Pavement Rehab.

Resolution N/A
Ballot 072

Moved \$650k (matched) of STP Flex funds from PIN 5758.57 Feigle Rd Pavement Rehab to PIN 5758.32 Wilson Burt Bridge as needed to address the deficit. This action also de-obligates and transfers \$105k of Preliminary Design STP Rural funds within the Wilson Burt project to its Construction phase as STP Flex funds.

Moved \$650k (matched) of surplus STP Large Urban funds from PIN 5757.13 Lincoln Ave Corridor Improvements to PIN 5758.57 Feigle Rd Pavement Rehab which restores the like amount of STP Flex funds transferred to the Wilson Burt project. Net change to the Feigle Rd project is zero so fiscal constraint is maintained. Let date for Feigle Rd Pavement Rehab changes from 2/15 to 6/15.

2/18/15 **PIN 5760.81 Niagara Street Sustainable Corridor And Community Integration Project From Porter Avenue To Ontario Street**

AdMod 35
Level TPS

Moved C&CI funding from FFY 2019 to FFY 2016 (Let 7/27/16).

Resolution
Ballot

This project is part of the Statewide Capital Program, therefore no offset is required and fiscal constraint is maintained.

3/4/15 **PINs 5811.51 and 5811.83 Large Culvert Replacements**

AdMod 33
Level PCC

Decreased funding for PINs 5811.51 (-\$0.934M matched NHPP & STP Flex) & 5811.83 (-\$1.063M matched NHPP & STP Flex) to reflect projects moving to PIN 5811.84 Large Culvert Program SFY 17/18. Remaining funds from PIN 5811.83 will go to creating a new project (PIN 5812.51) Large Culvert Repairs (Invert Paving) on NY 18, NY 93, US 62, I-86 and I-990 (See Amendment #20).

Resolution N/A
Ballot

3/4/15 **PIN 5812.73 Large Culvert Repairs (Invert Paving) on NY 18, NY 93, US 62, I-86 and I-990**

Amendment 20
Level

New project eliminates structural deficiencies and extend the service life of culverts at various locations through the application of cost-effective rehabilitation/preservation treatments. Let Date 6/15.

Project funded with \$0.577M of matched NHPP & STP Flex funds from PIN 5811.83 Large Culvert Replacements (see AdMod #33). Fiscal constraint maintained.

Resolution 2015-1
Ballot 075

3/4/15 **PIN 5756.34 Structural Replacement of Bailey Ave Bridges**

AdMod 34
Level PCC

Moved additional ROW Acq funding from FFY 2017 to FFY 2015 (3/18/15) and C&CI funding from FFY 2019 to FFY 2016 (Let 12/22/15). This request also increases the Const funding.

Resolution
Ballot 076

This project is part of the Statewide Capital Program, therefore no offset is required and fiscal constraint is maintained.

<p>3/18/15 PIN 5761.04 Erie County Shoreline Trail Bethlehem Steel Section</p> <p>Changed the amount of funding among the Design, ROW, and Construction phases. PE is increased from \$200K to \$300K, ROW is decreased from \$195K to \$190K, Const is decreased from \$750K to \$660K and CI is decreased from \$82K to \$75K. The total funds remain the same. Fiscal constraint maintained.</p>	<p>AdMod Level TPS 36</p> <p>Resolution Ballot 080</p>																																																																																																																		
<p>4/15/15 PIN 5934.00 Carmen Rd/CR 905-FRR, Village of Middleport</p> <p>Moved letting date from FFY16 to FFY18 and transferred \$45k to 5934.02.</p> <p>PIN 5934.02 Orchard St-FRR, Village of Middleport</p> <p>Advanced letting date from FFY17 to FFY15 and increased cost by \$45k per transfer from PIN 5934.00.</p> <p>Fiscal constraint maintained.</p>	<p>AdMod Level TPS 38</p> <p>Resolution Ballot 083</p>																																																																																																																		
<p>4/15/15 PIN 5268.48 Structural Bridge Replacement of Rt 240 (Harlem Road) over Buffalo River and Pavement Rehabilitation of Rt 240 from Mineral Springs Road to Clinton Street</p> <p>Replaced NHPP and HSIP funds with statewide FEMA Critical Bridges Over Water (CBOW) funds. A total of \$8.583M in NHPP and HSIP funds (federal share) were removed with a portion transferred to fund three rural projects and remaining funds used to offset negative STIP balance.</p> <p>PIN 5810.07 (PMI - RT 16; RT 446 – Ischua) - \$2.057M NHPP PIN 5812.83 (PMI-NY 39; NY 16-Wyoming County Line)-\$0.648M STP Flex/HSIP PIN 5812.55, Rt 60 Paving in the City of Jamestown - Added \$0.896M NHPP</p> <p>Fiscal constraint maintained.</p>	<p>AdMod Level TPS 37</p> <p>Resolution Ballot 082</p>																																																																																																																		
<p>5/6/15 Local Bridge Maintenance Projects SFY 15/16 and 16/17</p> <p>Transferred funding from two bridge maintenance blocks (PINs 5759.00 & 5760.23) to create 14 new projects and increase the cost of an existing project. Fiscal constraint maintained.</p> <p>Erie County</p> <table border="0"> <thead> <tr> <th>PIN</th> <th>Project</th> <th>Total</th> <th>Federal</th> <th>Match</th> <th>Let Date</th> </tr> </thead> <tbody> <tr> <td>5761.30</td> <td>Bridge Painting and Repairs (new)</td> <td></td> <td>\$0.600M</td> <td>\$0.480M</td> <td>\$0.120M 4/15/17</td> </tr> <tr> <td>5761.31</td> <td>Bridge Washing (new)</td> <td></td> <td>\$0.260M</td> <td>\$0.208M</td> <td>\$0.052M 4/15/17</td> </tr> <tr> <td>5761.32</td> <td>Bridge Deck Sealing (new)</td> <td></td> <td>\$0.255M</td> <td>\$0.204M</td> <td>\$0.051M 4/15/16</td> </tr> <tr> <td>5761.33</td> <td>Bridge Deck Repairs (new)</td> <td></td> <td>\$0.950M</td> <td>\$0.760M</td> <td>\$0.190M 6/01/16</td> </tr> </tbody> </table> <p>Niagara County</p> <table border="0"> <thead> <tr> <th>PIN</th> <th>Project</th> <th>Total</th> <th>Federal</th> <th>Match</th> <th>Let Date</th> </tr> </thead> <tbody> <tr> <td>5761.34</td> <td>Bridge Washing (new)</td> <td></td> <td>\$0.130M</td> <td>\$0.104M</td> <td>\$0.026M 4/15/16</td> </tr> <tr> <td>5761.35</td> <td>Bridge Deck Sealing (new)</td> <td></td> <td>\$0.075M</td> <td>\$0.060M</td> <td>\$0.015M 4/15/16</td> </tr> <tr> <td>5761.36</td> <td>Bridge Deck Overlays (new)</td> <td></td> <td>\$0.100M</td> <td>\$0.080M</td> <td>\$0.020M 4/15/16</td> </tr> <tr> <td>5761.37</td> <td>Bridge Joint Repairs (new)</td> <td></td> <td>\$0.125M</td> <td>\$0.100M</td> <td>\$0.025M 4/15/16</td> </tr> </tbody> </table> <p>Buffalo</p> <table border="0"> <thead> <tr> <th>PIN</th> <th>Project</th> <th>Total</th> <th>Federal</th> <th>Match</th> <th>Let Date</th> </tr> </thead> <tbody> <tr> <td>5761.38</td> <td>Bridge Concrete Repairs (new)</td> <td></td> <td>\$0.115M</td> <td>\$0.092M</td> <td>\$0.023M 6/1/16</td> </tr> <tr> <td>5761.39</td> <td>Bridge Deck Joint Repairs (new)</td> <td></td> <td>\$0.400M</td> <td>\$0.320M</td> <td>\$0.080M 6/1/16</td> </tr> <tr> <td>5761.40</td> <td>Bridge Bearing & Concr Rep (new)</td> <td></td> <td>\$0.300M</td> <td>\$0.240M</td> <td>\$0.060M 6/1/16</td> </tr> <tr> <td>5761.41</td> <td>Bridge Rocker Bearings (new)</td> <td></td> <td>\$0.325M</td> <td>\$0.260M</td> <td>\$0.065M 6/1/16</td> </tr> </tbody> </table> <p>Niagara Falls</p> <table border="0"> <thead> <tr> <th>PIN</th> <th>Project</th> <th>Total</th> <th>Federal</th> <th>Match</th> <th>Let Date</th> </tr> </thead> <tbody> <tr> <td>5761.42</td> <td>Bridge Washing (new)</td> <td></td> <td>\$0.050M</td> <td>\$0.040M</td> <td>\$0.010M 6/1/16</td> </tr> <tr> <td>5761.43</td> <td>Bridge Deck Sealing (new)</td> <td></td> <td>\$0.100M</td> <td>\$0.080M</td> <td>\$0.020M 6/1/16</td> </tr> <tr> <td>5760.18</td> <td>Bridge Painting (existing)</td> <td></td> <td>\$0.075M</td> <td>\$0.050M</td> <td>\$0.015M 6/1/16</td> </tr> </tbody> </table>	PIN	Project	Total	Federal	Match	Let Date	5761.30	Bridge Painting and Repairs (new)		\$0.600M	\$0.480M	\$0.120M 4/15/17	5761.31	Bridge Washing (new)		\$0.260M	\$0.208M	\$0.052M 4/15/17	5761.32	Bridge Deck Sealing (new)		\$0.255M	\$0.204M	\$0.051M 4/15/16	5761.33	Bridge Deck Repairs (new)		\$0.950M	\$0.760M	\$0.190M 6/01/16	PIN	Project	Total	Federal	Match	Let Date	5761.34	Bridge Washing (new)		\$0.130M	\$0.104M	\$0.026M 4/15/16	5761.35	Bridge Deck Sealing (new)		\$0.075M	\$0.060M	\$0.015M 4/15/16	5761.36	Bridge Deck Overlays (new)		\$0.100M	\$0.080M	\$0.020M 4/15/16	5761.37	Bridge Joint Repairs (new)		\$0.125M	\$0.100M	\$0.025M 4/15/16	PIN	Project	Total	Federal	Match	Let Date	5761.38	Bridge Concrete Repairs (new)		\$0.115M	\$0.092M	\$0.023M 6/1/16	5761.39	Bridge Deck Joint Repairs (new)		\$0.400M	\$0.320M	\$0.080M 6/1/16	5761.40	Bridge Bearing & Concr Rep (new)		\$0.300M	\$0.240M	\$0.060M 6/1/16	5761.41	Bridge Rocker Bearings (new)		\$0.325M	\$0.260M	\$0.065M 6/1/16	PIN	Project	Total	Federal	Match	Let Date	5761.42	Bridge Washing (new)		\$0.050M	\$0.040M	\$0.010M 6/1/16	5761.43	Bridge Deck Sealing (new)		\$0.100M	\$0.080M	\$0.020M 6/1/16	5760.18	Bridge Painting (existing)		\$0.075M	\$0.050M	\$0.015M 6/1/16	<p>Amendment Level PCC 21</p> <p>Resolution Ballot 2015-3</p>
PIN	Project	Total	Federal	Match	Let Date																																																																																																														
5761.30	Bridge Painting and Repairs (new)		\$0.600M	\$0.480M	\$0.120M 4/15/17																																																																																																														
5761.31	Bridge Washing (new)		\$0.260M	\$0.208M	\$0.052M 4/15/17																																																																																																														
5761.32	Bridge Deck Sealing (new)		\$0.255M	\$0.204M	\$0.051M 4/15/16																																																																																																														
5761.33	Bridge Deck Repairs (new)		\$0.950M	\$0.760M	\$0.190M 6/01/16																																																																																																														
PIN	Project	Total	Federal	Match	Let Date																																																																																																														
5761.34	Bridge Washing (new)		\$0.130M	\$0.104M	\$0.026M 4/15/16																																																																																																														
5761.35	Bridge Deck Sealing (new)		\$0.075M	\$0.060M	\$0.015M 4/15/16																																																																																																														
5761.36	Bridge Deck Overlays (new)		\$0.100M	\$0.080M	\$0.020M 4/15/16																																																																																																														
5761.37	Bridge Joint Repairs (new)		\$0.125M	\$0.100M	\$0.025M 4/15/16																																																																																																														
PIN	Project	Total	Federal	Match	Let Date																																																																																																														
5761.38	Bridge Concrete Repairs (new)		\$0.115M	\$0.092M	\$0.023M 6/1/16																																																																																																														
5761.39	Bridge Deck Joint Repairs (new)		\$0.400M	\$0.320M	\$0.080M 6/1/16																																																																																																														
5761.40	Bridge Bearing & Concr Rep (new)		\$0.300M	\$0.240M	\$0.060M 6/1/16																																																																																																														
5761.41	Bridge Rocker Bearings (new)		\$0.325M	\$0.260M	\$0.065M 6/1/16																																																																																																														
PIN	Project	Total	Federal	Match	Let Date																																																																																																														
5761.42	Bridge Washing (new)		\$0.050M	\$0.040M	\$0.010M 6/1/16																																																																																																														
5761.43	Bridge Deck Sealing (new)		\$0.100M	\$0.080M	\$0.020M 6/1/16																																																																																																														
5760.18	Bridge Painting (existing)		\$0.075M	\$0.050M	\$0.015M 6/1/16																																																																																																														
<p>5/6/15 NYSDOT Bridge Maintenance Projects FFY 2016 – Transferred funding from three bridge maintenance blocks (PINs 5807.81, 5812.56 & 5807.88) to create 4 new projects and increase the cost of an existing project. Fiscal constraint maintained.</p> <p>PIN 5812.79 General Bridge Repairs of Main St over Erie Canal, Niagara County (New Project) will include general bridge repair work to Main Street Bridge over Erie Canal in the City of Lockport. Total Cost \$0.940M (\$0.752M federal NHPP + \$0.188M state) funded with like reduction in 5807.81. Let date 2/16.</p> <p>PIN 5812.81 Bridge Painting, Cattaraugus, Chautauqua & Erie Counties (New Project) will include bridge</p>	<p>Amendment Level PCC 22</p> <p>Resolution Ballot 2015-4</p>																																																																																																																		

painting in Cattaraugus, Chautauqua & Erie Counties. Total Cost \$1.579M (\$1.263M federal NHPP and STP Flex + \$0.316M state) funded with like reduction in 5807.81. Let date 11/15.

PIN 5812.58 Bridge MBC & Preservation Program, Catt, Chautauqua, Erie & Niagara Counties (Existing Project) The remainder of the cost reduction in 5807.81 above (\$0.598M) will be added to this current project to offset a cost increase, thereby increasing its total from \$4.700M to \$5.298M. Let date 6/16.

PIN 5812.80 General Bridge Repairs in Cattaraugus & Chautauqua Counties (New Project) Total Cost \$0.678M (\$0.543M federal NHPP and STP Flex + \$0.135M state), funded with like reduction in 5812.56. Let date 3/16.

PIN 5812.93: Bridge Cleaning in Cattaraugus & Chautauqua Counties (New Project) Total Cost \$0.514M (\$0.412M federal NHPP and STP Flex + \$0.102M state), funded with like reduction in 5807.88. Let date 12/15.

5/20/15 **PIN 5760.55 Bridge Washing and Sealing**

Switched \$0.168M of federal Construction funds and \$0.028M of federal Construction Inspection funds from STP Off System Bridge to STP Flex. No overall change in funding. Fiscal constraint is maintained.

AdMod 40
Level TPS

Resolution
Ballot 088

5/20/15 **PIN 5758.25 Ohio Street Lift Bridge / Buffalo River Bridge Repairs**

Reduced the Construction phase by \$0.470M and increase the Design phase by \$0.470M. Total project cost remained the same. Fiscal constraint maintained.

AdMod 39
Level TPS

Resolution
Ballot 089

6/12/15 **NFTA Program Realignment (FFYs 2015-2018)**

The NFTA realigned its federal Program of Projects in response to actual congressional appropriations announced for Federal Fiscal Year (FFY) 2015. A budget realignment was necessary to reconcile the \$5307, \$5337 and \$5339 program estimates with the actual Congressional appropriations as well as changing administrative priorities within the Authority.

The full transit program was affected including twenty-four new projects additions, thirteen projects accelerated and eighty-seven project deletions.

Amendment 25
Level Policy

Resolution 2015-7
Ballot 096

6/12/15 **VPP Harsh Winter Project Additions**

New roadway maintenance projects. These five projects involve Vendor in Place Paving (VPP) contracts, which when added to the TIP, are expected to be let by the NYS Office of General Services in June/July 2015:

PIN 5V15.35 – Single Course Overlay of Grand Island Blvd from RT 266 -to RT 325, Town of Tonawanda, Erie County, Total cost is \$0.455M (\$0.364M Federal STP Urban; \$0.091M State Match).

PIN 5V15.45 – Mill & Overlay of US 20 from BIN 1015520 to NY 400 Access, Town of Elma, Erie County, Total cost is \$0.251M (\$0.201M Federal NHPP; \$0.050M State Match).

PIN 5V15.46 – Mill & Overlay of NY 39 from Dupont Rd to Mortons Corners, Towns of Collins & Concord, Erie County, Total cost is \$0.433M (\$0.346M Federal STP Flex; \$0.087M State Match).

PIN 5V17.43 – Mill & Overlay RT 39 from Zoar Valley to Barnstead & Rt 219 ramps @ Rt 39; Town of Concord & Village of Springville, Erie County, Total cost is \$0.281M (\$0.225M Federal STP Flex; \$0.056M State Match).

PIN 5V15.54 – Mill & Overlay of Rt 18 from West of W Creek Rd/W. Main St to West of Transit Rd, Town of Newfane, Niagara County, Total cost is \$0.325M (\$0.260M Federal STP Flex; \$0.065M State Match).

The first four projects are being funded with additional Statewide funding and will not count against Regional allocations. The fifth project (PIN 5V15.54) will be broken out of PIN 5T15.42, PMI-PAVT MAINT LET & VPP, SFY 18/19, which is an existing funding block reserved for roadway maintenance. This project is consistent with the block funding scope therefore fiscal constraint is maintained.

Amendment 24
Level Policy

Resolution 2015-6
Ballot 091

6/12/15 **New Project: Institutionalizing Integrated Solutions Supporting Accessible Multimodal Transportation Networks**

- This border crossing corridor management project is intended to optimize traffic operations by identifying effective traffic management strategies to mitigate congestion and the associated environmental impacts. A decision support tools will help the Border Crossing Partnership understand the network-wide impacts of various strategies and develop plans corresponding to regional priorities. Funding: NYSERDA/SPR: \$299,995 Local In-Kind \$119,720

New Project: Integrated Corridor Management Deployment Planning Grant - The initial focus for this project will be on international crossings and the opportunity to improve strategic diversion routes to alternate crossings in the region. A second focus will be on commuters and downtown bound travelers and the ability to manage traffic better when incidents occur along the I-190. Funding: FHWA/ICM \$200,000 Local In-Kind \$85,000

These projects are awarded as new grant items and therefore fiscal constraint is maintained.

Amendment 23
Level Policy

Resolution 2015-5
Ballot

6/12/15 Old Rt 219 over Cattaraugus Creek, Bridge Replacement	Amendment 26 Level Policy
Add the project to the TIP - Detailed Design, Construction and CI phases. This project is being progressed as a Design-Build Contract and proposals have been submitted. The Notice to Proceed is expected in June, 2015.	Resolution 2015-8 Ballot 090
Total cost is \$22.851M (federal funding of \$18.281M NHPP and state match of 4.570M SDF. This project was designated as a Statewide Priority Project and the funding will not count against Regional Allocations.	
6/17/15 I-290 over Parker Boulevard & over Rt 324 (Sheridand Drive) – Bridge Rehabs	AdMod 42 Level TPS
Combined PINs 5580.46 (I-290 over Rt 324) and 5580.47 (I-290 over Parker Blvd) under one project, using PIN 558047. Additionally, Coordinated Border Infrastructure (CBI) funding is no longer available to the Region. These funds will be replaced with Statewide NHPP funds.	Resolution Ballot 093
\$8.532M federal funding is being switched from CBI to Statewide NHPP (matched with 2015 Bridge Initiative PIT Bonds) and will not count against Regional allocations. Fiscal constraint is maintained. Overall project cost of the combined projects (\$9.480M) was updated to match most recent cost estimate.	
6/17/15 Signal Replacements on Rt 265 in the City of North Tonawanda, Niagara County.	AdMod 41 Level TPS
Changed the fund sources for Construction and CI from STP Flex and NHPP to all NHPP. All work to be completed on this project is eligible for NHPP funding. Total STP Flex of \$0.231M is being removed and replaced with \$0.154M of NHPP. The overall cost is also slightly reduced (\$0.102M) to match the project's current PS&E. The let date has also been adjusted to meet current schedule. Fiscal Constraint is	Resolution Ballot 092
7/1/15 PIN 5760.88 Town of Holland Sidewalk Connection & Beautification Project, Erie County	AdMod 43 Level PCC
Created ROW-I and ROW-A phases. Moved \$16K TEP funds from Construction to ROW Incidentals and ROW Aquisition. All work to be completed on this project is eligible for TEP funding. The let date has been adjusted to 9/16 to meet current schedule. Fiscal Constraint is maintained.	Resolution Ballot 097
8/5/15 FFY 2013 – FFY 2015 § Section 5310 Program - Enhanced Mobility of Seniors & Individuals w Disabilities Projects	Amendment 31 Level PCC
Added twenty (20) new projects funded with Federal Transit Administration allocations for Federal Fiscal Years 2013-2015. Through a competitive application and evaluation process, the recommended projects include:	Resolution 2015.12 Ballot
Vehicle Projects - 47 Vehicles \$1,456,572 (federal) \$1,820,715 (total)	
5824.11 Catholic Health System, Inc. Erie 2 \$83,530 \$104,413 5824.12 Co. of Erie dba Dept. of Senior Services Erie 2 \$62,703 \$78,379 5824.13 Community Services for the Developmentally Disabled, Inc. Erie 5 \$147,179 \$183,973 5824.14 Heritage Centers, Inc. Erie 8 \$246,514 \$308,142 5824.15 Lord of Life Adult & Child Services, Inc. Erie 2 \$62,703 \$78,379 5824.16 Niagara Co. Chapter, NYSARC Inc. Niagara 4 \$113,677 \$142,097 5824.17 People, Inc. Erie 8 \$231,778 \$289,722 5824.18 Southeast Works Erie 8 \$250,812 \$313,515 5824.19 The Summit Center Erie 3 \$95,065 \$118,831 5824.20 Town of Hamburg Dept. of Youth, Recreation, & Senior Services Erie 3 \$97,138 \$121,423 5824.21 United Cerebral Palsy Association of Niagara County Inc. Niagara 2 \$65,473 \$81,842	
Operating Assistance Projects \$873,588 (federal) \$873,601 (local) \$1,756,190 (total)	
5824.22 Co. of Erie dba Dept. of Senior Services Erie Provide expanded access to transportation for seniors and individuals with disabilities thru the Department's Going Places Program. \$289,320 \$289,320 \$587,640	
5824.23 Heritage Centers, Inc. Erie Provide transportation services for low-income individuals with developmental disabilities to community employment locations and mobile work site opportunities. Funding will also assist with the purchase of two additional vehicles to provide rides to work locations not accessible by public transportation. \$89,269 \$89,272 \$178,541	
5824.24 Hearts & Hands Faith in Action, Inc. Erie & Niagara Administrative costs to operate a volunteer driver program for service for elderly and disabled in suburban and rural communities in the region. \$250,000 \$250,000 \$500,000	
5824.25 NFTA Erie & Niagara Support the continuation of current levels of paratransit services in areas previously served by Route 57 in the Cities of Tonawanda and North Tonawanda and the Town of Wheatfield. \$146,783 \$146,784 \$293,567	

5824.26 Community Services for the Developmentally Disabled, Inc. Erie The Fill-in the Gap Transportation Program provides a Community Services' Transportation Specialist who will provide screening for program eligibility and ongoing monitoring and evaluation of program services. Actual trips will be arranged through the Center for Transportation Excellence to assist program participants to reach their pre-approved, work-related sites and destinations. \$98,216 \$98,225 \$196,441

Mobility Management Projects \$293,657 (federal) \$498,095 (local) \$791,752 (total)

5824.27 Co. of Erie dba Dept. of Senior Services Erie Call Center scheduling, coordination and dispatch activities for 16 agencies to promote efficiency of existing transportation services. \$167,874 \$466,648 \$634,522

5824.28 People, Inc. Erie Implementation of a Peer 2 Peer Travel Training Program for individuals with disabilities. \$125,783 \$31,447 \$157,230

Non-Vehicle Capital Projects \$28,448 (federal) \$7,112 (local) \$35,560 (total)

5824.29 ECMC Lifeline Foundation, Inc. Erie Installation of benches, shelters and passenger amenities above and beyond ADA requirements to improve transportation access for elderly and disabled patients served by ECMC. \$20,000 \$5,000 \$25,000

5824.30 Heritage Centers, Inc. Erie Installation of GPS and vehicle tracking software for real-time location detection, engine diagnostics and fuel efficiency for fleet optimization. \$8,448 \$2,112 \$10,560

8/5/15 PIN 5T15.37 PMI-PAVT MAINT LET & VPP; SFY 16/17 - Block Split

Amendment 28
Level PCC

Funds transferred to create from existing PIN 5T15.37 to create twelve (12) new projects consistent with block funding scope. Total cost \$13.044M (\$10.483M federal + \$2.561 state).

Resolution 2015-13
Ballot 099

- 5V16.33 NY 130 (Broadway); Old Broadway – W of Chateau Ct, \$0.160 (NHPP), Let 6/15/16
- 5V16.52 NY 269; NY 104 – NY 18, \$0.220M (STP Flex), Let 6/15/16
- 5V16.53 US 62; E of Mavis Dr – NY 429, \$0.250M (NHPP), Let 6/15/16
- 5V16.54 NY 265/ NY 384; North Tonawanda WCL – Niagara Falls ECL, \$0.450M (NHPP), Let 6/15/16
- 5V16.55 NY 93; Upper Mountain Rd – NY 31/ NY 270 (End), \$0.280 (STP Urban), Let 6/15/16
- 5V16.56 NY 270; North Tonawanda Creek Rd - Bear Ridge Rd, \$0.180M (STP Urban), Let 6/15/16
- 5V16.57 NY 31; NY 270 (End) – Park Ave, \$0.615M (NHPP), Let 6/15/16
- 5V16.58 NY 182; Packard Rd (NY 182 overlap end) – US 62, \$0.250 (NHPP), Let 6/15/16
- 5812.85 US Rt. 219; Duerr Rd to I-90 Merge, \$5.459M (\$5.325M NHPP + \$0.134M SDF), Let 1/21/16
- 5812.86 NY 277 S of Chestnut Ridge Park to Elmhurst Dr, \$2.329M (\$2.187M STP Flex + \$0.086M HSIP + \$0.056M SDF), Let 1/16
- 5812.88 WB Ref Rte 951A (LaSalle Expressway);Ref Rte 957A (Robert Moses State Parkway, BIN 1068070) - Williams Rd, \$1.368M (1.235M NHPP + \$0.023 STP Flex + \$0.110M SDF), Let 6/16
- 5812.89 NY 384; Nottingham Terrace to Kenmore Ave, \$1.789M (\$1.326M NHPP + \$0.430M HSIP + \$0.060M SDF), Let 6/16

8/5/15 FFY 13–15 FTA \$5310 Program - Enhanced Mobility of Seniors & Individuals with Disabilities Projects

Amendment 31
Level PCC

Adds twenty (20) new projects funded with Federal Transit Administration 5310 allocations for Federal Fiscal Years 2013-2015. Projects were recommended after a competitive application and evaluation process.

Resolution 2015-12
Ballot

- Vehicle Purchase: 11 Agencies (47 Vehicles) \$1.821M (\$1.457M FTA 5310 + \$0.364M Local Match)
- Operating Assistance: 5 Agencies \$1.756M (\$0.874M FTA 5310 + \$0.874M Local Match)
- Mobility Management: 2 Agencies \$0.792M (\$0.294M FTA 5310 + \$0.498M Local Match)
- Non-Vehicle Capital Projects: 2 Agencies \$35K (\$28K FTA 5310 + \$7K Local Match)

8/19/15 PIN 5812.81 Bridge Painting @ Various Locations in Cattaraugus, Chautauqua and Erie Counties.

AdMod 47
Level TPS

Adjusts the federal fund sources between STP Flex and NHPP and lowers overall cost in order to match the PS&E. The fund source adjustment is based on federal fund source eligibility of the selected bridges to be painted in this project.

Resolution
Ballot 101

- NHPP Change: C & CI + \$0.372M (Matched)
- STP Flex Change: C & CI - \$0397M (Matched)
- PS&E savings: C & CI - \$0.022M

Fiscal constraint maintained. No offset needed.

8/19/15 NFTA Obligation Date Change

AdMod 45
Level TPS

TIP Amendment #25 changed the obligation date for these projects to 12/15/15. This action returns the

obligation date for all three projects to 5/1/15 (FFY 2015) as originally listed.

Resolution
Ballot

- PIN 5823.70 Preventative Maintenance
- PIN 5823.63 Preventative Maintenance
- PIN 5823.64 Associated Transportation Improvements
- PIN 5823.75 Purchase of Revenue Vehicles
- PIN 5823.82 Purchase of Paratransit Vehicles

Fund totals and sources are unchanged. Fiscal constraint maintained.

8/19/15 **PIN 5470.22 Route 198, Scajaguada Expressway Corridor Reconstruction - EIS**

AdMod Level TPS 44

Advances \$0.055M NHPP for ROW Incidentals from FFY 17 to FFY 15. Construction funds have not yet been identified, but, these funds are needed at this time in anticipation of a construction project being advanced.

Resolution
Ballot 103

FFY 15 is currently underprogrammed. No additional funds are needed for this project, only an

8/19/15 **PIN 5811.09 Walden @ Central, Intersection Reconstruction; Town of Lancaster, Erie County**

AdMod Level TPS 46

Increases the ROW Acquisition by \$0.159M (matched HSIP). Offset to be provided by PIN 5T1552, HSIP State Road Program Block. Fiscal Constraint is maintained.

Resolution
Ballot 102

Let date for PIN 581109 has slipped from FFY 15 to FFY 16 to meet current schedule

PIN 5308.31 Route 62 @ Sowles Road, Intersection Rehabilitation, Town of Hamburg, Erie County

Increases ROW Acquisition funds from \$0.016M to \$0.293M (HSIP + state match).

Offset for PIN 530831 is provided by PIN 5T1552 (HSIP State Road Program Block - \$0.152M Federal) and PIN 581106 (Walden Ave @ Galleria Drive - \$0.098M Federal). Fiscal constraint maintained.

Let Date has also been delayed from FFY 15 to FFY 16 to reflect current schedule.

8/26/15 **PIN 5812.50 Rt. 78; Terrace Blvd to George Urban Blvd, Mill & Overlay**

Amendment Level Policy 29

The Greater Buffalo-Niagara Regional Transportation Council (GBNRTC), the Metropolitan Planning Organization for Erie and Niagara Counties, is proposing to amend its current 2014-2018 Transportation Improvement Program (TIP) by modifying and existing project.

Resolution 2015-14
Ballot 106

This request increases the scope of PIN 5812.50 Rt. 78; Terrace Blvd to George Urban Blvd, Mill & Overlay to include the removal of BIN 7030220 (Abandoned CSX RR Bridge over Rt. 78) . The additional scope results in an increase in cost of project.

An additional \$1.291M of Federal funds and \$0.326M of State match needed. Offset will be provided by PIN 5T1540 PMI Pavt Let & VPP Block, SFY 17/18 (\$0.568M Federal), PIN 580803 Drainage Block, SFY 16/17 (\$0.538M Federal) and PIN 581258 Bridge MBC & Preservation Program, SFY 16/17 (\$0.186M Federal).

The let date will be moved from 6/15 to 12/16 to reflect current schedule.

8/26/15 **Rt. 384 over Cayuga Creek Bridge Repair Project** - This new project prolongs the life span of BIN 2047320 by repairing these deficient elements and will enhance the ride quality and safety of the bridge. The total matched cost of the project is \$0.250M (\$0.176M federal STP Off System Bridge + \$0.024M federal STP Urban + \$0.050M local). Funding is being transferred from PIN 5758.28 – Rt. 265 over Cayuga Creek which is currently on the TIP in the same FFY. Fiscal constraint is maintained.

Amendment Level Policy 27

Resolution 2015-10
Ballot 108

PIN 5757.09 Lockport St; Main to Seneca - adds \$0.738M (\$0.134M federal STP Urban + \$0.456M federal STP Off System Bridge + \$0.148M local) will be transferred from PIN 5758.28 - S. Military Rd Bridge / Cayuga Creek and used as the offset. Fiscal constraint is maintained

PIN 5760.23 - Local Bridge Maintenance Program SFY 16/17 - adds \$0.725M including \$0.421M (\$0.337M federal STP Off System Bridge + \$0.084M local) from PIN 5758.28 - S. Military Rd Bridge / Cayuga Creek and \$0.304M (\$0.243M STP Off System Bridge + \$0.061M local) from PIN 5758.29 - Pine Ave. Gill Creek Bridge Rehabilitation. Fiscal constraint is maintained

PIN 5758.28 S. Military Rd Bridge/Cayuga Creek will no longer contain any funds and be deleted.

PIN 5758.29 Pine Ave/Gill Creek Bridge Rehabilitation will no longer contain any funds and be deleted.

8/26/15 **PIN 5V15.47 Rt. 354; Two Rod Road to Wyoming County Line in the Town of Marilla, Erie County**

Amendment 30

<p>This project will rehabilitate NY 354 from Route 954G (Two Rod Road) to the Wyoming County Line in the Town of Marilla with a 1.5" single course mill and overlay for the existing pavement. This will extend the useful life of the pavement section and keep in a state of good repair. Let date will be 6/16.</p>	<p>Level Policy Resolution 2015-15 Ballot 105</p>
<p>Total project cost is \$0.793M (STP Urban). Funding is being provided by the Statewide Accelerated Pavement Program and will not count against Regional allocations. Fiscal Constraint is maintained.</p>	
<p>9/2/15 PIN 5134.37 Route 5 @ Bayview, Intersection Reconstruction, Town of Hamburg, Erie County</p>	<p>AdMod 48 Level PCC Resolution Ballot 109</p>
<p>Added a ROW Acquisition phase to the project, a total of \$0.675M (HSIP + state match) is needed.</p>	
<p>Let Date was delayed from FFY 15 to FFY 16 to reflect current schedule.</p>	
<p>Offset for PIN 513437 is provided by PIN 5T1553 (HSIP State Road Program Block - \$0.571M Federal) and PIN 581106 (Walden Ave @ Galleria Drive - \$0.037M Federal). Additionally, PIN 5811.06 is being delayed from FFY 16 to FFY 17 to maintain Fiscal Constraint (offset from PIN 5T1553 was taken from FFY 17).</p>	
<p>9/2/15 NFTA FFY15 Alignment</p>	<p>AdMod 49 Level PCC Resolution Ballot</p>
<p>Administrative Modification #45 returned the obligation date for all projects to 5/1/15 (FFY 15). This action aligns with final FFY allocation amounts published in the Federal Register on August 27, 2015.</p>	
<p>Fund totals and sources are unchanged. Fiscal constraint is maintained.</p>	
<p>PIN 5823.70 + \$13,592 (FTA 5337) PIN 5823.63 + \$575,503 (FTA 5307) PIN 5823.64 + \$51,657 (FTA 5307) PIN 5823.75 + \$331,063 (FTA 5339) PIN 5823.82 - \$267,320 (FTA 5339)</p>	
<p>10/28/15 PIN 5757.57 Culvert Rehabilitation, Niagara St over Two Mile Creek in the City of Tonawanda</p>	<p>AdMod 50 Level TPS Resolution Ballot</p>
<p>Increased Design \$0.129M (\$0.103M Federal) and C/CI \$0.220M (\$0.176M Federal). These additional funds are needed to complete the project which is currently under construction. Offset is being provided by PIN 581184 Large Culvert Replacements on Rts 60 & I86 in Cattaraugus & Chautauqua Counties. Fiscal Constraint is maintained.</p>	
<p>11/4/15 PIN 5V16.42: NY 39 Single Course Overlay from US 62 to NY 75, Town of Collins, Erie County</p>	<p>Amendment 32 Level PCC Resolution 2015-16 Ballot 114</p>
<p>This is a new project that will extend the useful life of the pavement section and keep it in a state of good repair. Work will include pavement maintenance treatment - (VPP) Production cold mill the travel lanes and shoulders along NY 39 at a depth of 1.5" and inlay with 9.5mm polymer modified HMA. NY 39 between Spring Street and Bagdad Road will receive a 2" mill and binder inlay. Isolated pavement repairs will need to be completed prior to the overlay.</p>	
<p>Let date will be 6/16.</p>	
<p>Total construction cost is \$1.105M (\$0.884M STP Flex + \$0.221M State Match). Project costs will be offset by lowering Design funds in PIN 5T1540 (Pavement Maint; Let & VPP Block for SFY 17/18). Fiscal constraint is maintained.</p>	
<p>11/4/15 PIN 5811.51 Large Culvert Replacements and Repairs on Rts 5, 20, 60, 240 & 249. PIN 5811.83 Large Culvert Replacements and Repairs on Rts 18, 62, 93, 263, 324, & 429. PIN 5811.84 Large Culvert Replacements on Rts 60 & I86, Cattaraugus & Chautauqua Counties</p>	<p>AdMod 51 Level PCC Resolution Ballot 113</p>
<p>Changes made to all three (3) projects as follows:</p>	
<p>PIN 5811.51 – cost increase for ROW Acquisition, cost decrease for Design and adjustment to letting date (still to remain in FFY16) PIN 5811.83 – cost increase for C & CI and letting delay from FFY16 to FFY17 PIN 5811.84 – remove ROW Acquisition funds, cost decrease for Design, cost decrease for C & CI, and, letting advance from FFY17 to FFY16.</p>	
<p>PIN 581184 is being advanced from FFY17 to FFY16. PIN 581183 is being delayed from FFY16 to FFY17 so that fiscal constraint is maintained. Some of the work that was originally planned in PIN 581184 is being shifted to 581183 due to ROW issues that would cause a delay in the letting of PIN 581184.</p>	

<p>11/4/15 PIN 5760.85 Pendleton Trail</p> <p>Added real estate phases (ROWI \$10K matched STP Enhancement and ROWA \$90K matched STP Enhancement) for this project onto the TIP. New ROW funds being taken from existing C/CI totals. Overall project cost does not change.</p> <p>Federal funds will supplement the preliminary design phase. FHWA participation will result.</p> <p>Fiscal Constraint is maintained. No offset needed.</p>	<p>AdMod Level PCC 52</p> <p>Resolution Ballot 115</p>
<p>11/18/15 PIN 5812.96 Mill & Overlay of NY 277 from 0.32 miles south of Chestnut Ridge Park to Merge & NY 277/NY 240 from Merge to Elmhurst Drive. Work will include ADA improvements. Project is in the Village & Town of Orchard Park in Erie County.</p> <p>Increased C & CI costs to match PS&E. Adjustment between fund sources is also needed (STP Flex and HSIP). An additional \$0.298M of matched federal funding (STP Flex, HSIP) was needed. Offset will be provided by lowering C & CI funding in PIN 580952 (Guiderail Replacement at various locations throughout Region 5). Fiscal constraint is maintained.</p>	<p>AdMod Level TPS 53</p> <p>Resolution Ballot 116</p>
<p>11/18/15 PIN 5308.30 RT 62 from Sy Road to Bergholtz Creek in the Town of Wheatfield in Niagara County</p> <p>Increased Construction phase \$0.347M (NHPP, HSIP) & Construction Inspection phase \$0.042 (NHPP, HSIP) to match PS&E. Detailed Design & ROW Acquisition funding is being lowered to account for the needed increase in C & CI.</p> <p>Fiscal Constraint is maintained. Funding source adjustments may be needed at PS&E submission.</p>	<p>AdMod Level TPS 54</p> <p>Resolution Ballot</p>
<p>11/18/15 PIN 5759.95 Stony Rd over Ellicott Cr Bridge Repairs</p> <p>Reduced the Design phase by \$0.228M (STP Off System Bridge) and increases the Construction phase by \$0.228M (STP Off System Bridge).</p> <p>Changed the scope from a bridge repair project to a bridge replacement project. It changed the let date from 6/22/16 to 12/13/16</p> <p>Changed the fund source from STP Off System Bridge to STP Lg Urban</p> <p>Total costs remain the same. Fiscal constraint is maintained.</p>	<p>AdMod Level TPS 55</p> <p>Resolution Ballot</p>
<p>12/11/15 PIN 5760.40 American Falls Bridge Replacement</p> <p>PIN 5760.40 American Falls Bridges Replacement, in the City of Niagara Falls, Niagara County seeks to replace the deficient structures with two new bridges that will safely carry multimodal traffic.</p> <p>NYSDOT will add \$0.050M Federal Funding (\$0.040M STP Off System Bridge + \$0.010M State Match) to the Design phase of the project. Offset provided by PIN 5760.23 Local Bridge Maintenance Program.</p> <p>The total project cost is estimated at \$28.183M. There are no construction funds for the project available at this time. Let date is scheduled for 7/18.</p>	<p>Amendment Level Policy 33</p> <p>Resolution Ballot 124 2015-20</p>
<p>12/11/15 PIN 5111.92 Norfolk Southern Bridge over U.S. Route 20</p> <p>This project will restore minimum vertical clearance of 14 feet under BIN 7015600. Work to be done includes:</p> <p>Reconstructing approximately 300 feet of roadway by replacing the existing concrete pavement with a full depth asphalt pavement section.</p> <p>The roadway under the bridge will be narrowed to one lane in each direction, with 12' travel lanes and 2' curb offsets. This will be done using curb tapers and striping tapers.</p> <p>Segments of roadway outside of the reconstruction limits will be re-striped to transition to the narrowed section under the bridge.</p> <p>Dedicated left turn lanes will be added at Austin Street and Heisler Street using striping.</p> <p>New drainage structures and underdrain will be installed in the reconstructed section.</p> <p>The section between the new curb and the existing curb will be milled and resurfaced.</p> <p>Total construction cost is \$0.465M (\$0.372M federal NHPP + \$0.093M State Match). Fiscal constrain is maintained by transferring \$0.465 of matched Construction and Construction Inspection funds from PIN 5812.58 Bridge MBC & Preservation Program. Let date will be 3/16.</p>	<p>Amendment Level Policy 34</p> <p>Resolution Ballot 125 2015-21</p>
<p>12/11/15 PIN 5126.32 I-990 (Lockport Expressway); Crack & Seat and Multicourse Overlay</p>	<p>AdMod 56</p>

	Level PCC
As only Design phase is currently on the TIP, this change adds Construction and CI phases to this project.	Resolution
This change adds \$17.637M (matched NHPP) for a new Construction phase and \$2.116 (matched NHPP) for a new Construction Inspection phase for a total of \$19.753M (matched NHPP).	Ballot 122
This project is designated as a Statewide Priority Project and the funding will not count against Regional Allocations. Federal/State Match percent split is 90/10, since this project is on an Interstate.	
This project is scheduled for a February, 2016 letting	
12/11/15 PIN 5812.57 - General Bridge Repairs of ten BINs at various locations throughout Erie and Niagara Counties.	AdMod Level TPS 57
Increased the cost of Construction (\$0.194 matched NHPP/STP Flex) and CI (\$0.023M matched NHPP/STP Flex) phases to match the PS&E that is being submitted. The split between NHPP and STP Flex is also being adjusted based on NHPP eligibility of each BIN in this project. For those BINs that are not NHPP eligible, STIP Flex is being used.	Resolution Ballot 123
The cost change is less than a 10% increase and the Region currently has a positive balance on the STIP for FFY16, therefore, no offset is needed. Fiscal constraint is maintained.	
1/6/16 PIN 5808.30 ADA Compliance Project – Erie & Niagara Counties. PIN 5813.26 ADA Compliance Project – Erie, Cattaraugus & Chautauqua Counties	AdMod Level PCC 58
This request splits the original project, 580830, into two separate contracts at PS&E (the second PIN will be 581326). PIN 580830 will include work in the northern part of the Region, in Erie and Niagara Counties and PIN 581326 will include work in the southern part of the Region, in Erie, Cattaraugus & Chautauqua Counties.	Resolution Ballot
The request also includes a major cost increase for C & CI to match the PS&Es for the two projects with the letting advanced from FFY17 to FFY16. Offsets will be provided by PINs 5T1628 (HSIP/Ped Signal Program) and 580800 (Signal Requirements Project).	
Offsets will be provided by PINs 5T1628 (HSIP/Ped Signal Program) and 580800 (Signal Requirements	
1/6/16 PIN 5761.21 Cars on Main Street; Lower Main (Exchange to Scott) – New Project	Amendment Level PCC 35
Project will reopen Main Street between Exchange Street and Scott Street to two-way vehicular traffic. This project will advance a sub-section of the approved PIN 5822.12 Return of Vehicular Traffic to Main Street.	Resolution Ballot 2016-1
Project work will include:	
Removing the existing light rail double crossover Constructing a new double crossover and related catenary work Reconstruct rail bed Install new curbs, sidewalks, street lighting, traffic signals, parking zones, signage, landscaping and streetscaping	
Let date will be 12/15/16.	
Total matched cost is \$22.500M (federal TIGER VII + state DASNY). Fiscal constraint is maintained since these are new funds coming into the region and will not count against regional allocations.	
1/27/16 NFTA FFY 2015 Program of Projects	AdMod Level TPS 59
Administrative Modification #45 changed the obligation date for projects listed on the attached sheet from 12/15/15 to 2/1/15 as requested by the Federal Transit Administration (FTA) in their review of grants before submission. Due to a change in the FTA grant award system these project were not awarded in the fiscal year they were reprogrammed to in the TIP. Approval of this change request would change the reprogram these projects to the current fiscal year.	Resolution Ballot
5823.63 Preventive Maintenance 5823.64 Associated Transportation Improvements 5823.70 Preventive Maintenance 5823.75 Purchase of Revenue Vehicles	

5823.82 Purchase Paratransit Vehicles

<p>1/27/16 PIN 5761.36 Bridge Deck Overlays</p> <p>Changed the following:</p> <p>Combined this project with work from PIN 576137 Bridge Joint Repairs New title: PIN 576136 – Bridge Deck Overlays and Joint Repairs Added \$0.055M to C&CI Moved letting from 4/15/16 to 6/21/16 Reduced PIN 576023 – Local Bridge Maint SFY 16/17 by \$55k matched STP</p> <p>Fiscal constraint is maintained.</p>	<p>AdMod Level TPS 63</p> <p>Resolution Ballot 132</p>
<p>1/27/16 PIN 5761.34 Bridge Washing</p> <p>Changed the following:</p> <p>Combined this project with work from PIN 576135 (Bridge Deck Sealing) New title: PIN 576134 – Bridge Washing and Deck Sealing Moved letting from 4/15/16 to 6/21/16</p>	<p>AdMod Level TPS 62</p> <p>Resolution Ballot</p>
<p>1/27/16 PIN 5757.16 Resurfacing of Buffalo Ave from I-190 to Cayuga Dr</p> <p>Added \$150K matched NHPP funds to the Construction phase of the project to match the paving limits of the Bridge Replacement Project (I-190 over Buffalo Ave). Funds were transferred from PIN 5806.65 ITS Maintenance. Fiscal constraint maintained.</p>	<p>AdMod Level TPS 60</p> <p>Resolution Ballot 133</p>
<p>1/27/16 PIN 5761.33 Bridge Steel Deck Repairs</p> <p>Adds \$240K matched STP funds to the construction and construction inspection phases. Funds were transferred from PIN 5760.23 Local Bridge Maint SFY 16/17. Fiscal constraint maintained.</p>	<p>AdMod Level TPS 61</p> <p>Resolution Ballot 132</p>
<p>2/11/16 PIN 5760.58 Bridge Joints</p> <p>This request merges PIN 5760.58 Bridge Joints (\$475K matched STP Flex) with work from PIN 576140 Bridge Bearing & Concrete Repairs (\$300K Matched STP Urban). New project title will be PIN 576058 – Bridge Joints, Bearing and Concrete Repairs (\$0.775M matched STP Urban). Note that all funding in the merged project will be matched STP Urban.</p> <p>There is no change in costs. Fiscal constraint is maintained.</p>	<p>AdMod Level TPS 64</p> <p>Resolution Ballot</p>
<p>2/11/16 PIN 5760.48 Bridge Washing and Sealing</p> <p>Changed the federal funding source from all STP Off System Bridge to STP Off System Bridge and STP Flex for the C&CI funding.</p> <p>Project cost remains unchanged at \$0.410M. Fiscal constraint is maintained.</p>	<p>AdMod Level TPS 65</p> <p>Resolution Ballot</p>
<p>3/2/16 PIN 5757.09 Resurfacing of Lockport Street from Main St to Seneca Ave</p> <p>Minor scope change that changed the project limits from Seneca Ave to North Ave. In addition, the let date was advanced from 6/13/17 to 9/13/16.</p> <p>Total project cost (C & CI) is \$1.330M (\$1.064M federal STP Large Urban + \$0.266M local match).</p> <p>In order to advance the project let date and maintain fiscal constraint, construction for PIN 5809.52 Guiderail Replacement is being delayed from FFY16 to FFY17 and ROW Acquisition for PIN 5755.57 John Daly Extension is being delayed from FFY16 to FFY17. Fiscal constraint is maintained.</p>	<p>Amendment Level PCC 38</p> <p>Resolution Ballot 2016-4 139</p>
<p>3/16/16 PIN 5761.21 Cars on Main Street Buffalo; Lower Main</p>	<p>AdMod Level TPS 66</p>

Transferred \$0.720M (matched federal TIGER) funding from the C&CI phases to the existing Detailed Design phase .	Resolution Ballot
Fiscal constraint is maintained.	
3/16/16 PIN 5812.88 Mill & Overlay of Rt 951A (Lasalle Expressway) West Bound from Rt 957A (Robert Moses Parkway) to Williams Rd in the City of Niagara Falls and the Town of Wheatfield, Niagara Co.	AdMod 67 Level TPS
Increased C & CI (\$0.300 matched NHPP) of this project to match the recently submitted PS&E.	Resolution Ballot
Offset provided by PIN 5806.65 (ITS Equipment Maintenance).	
3/17/16 PIN 5812.87 Drainage Improvements over Rt. 240 from Potters Rd to Cazenovia Creek	Amendment 37 Level Policy
This new project will improve the drainage along the corridor to eliminate the extensive ponding of storm water during rain events by installing a new enclosed drainage system along the east side of NY Route 240 between Loxley Court and Fairfax Drive. Let date will be 12/16.	Resolution 2016-2 Ballot
Total construction cost is \$0.354M (\$0.284M federal NHPP + \$0.070M State match). The offsets are as follows:	
Delete PIN 5V16.53 VPP – Rt. 62 from East of Mavis Drive to Rt. 429 and transfer \$0.250M matched NHPP to the new project	
Delete the Detailed Design Phase of PIN 5812.54 Paving of Walden Ave from Rt. 277 to CSX Bridge (funds are no longer needed) and transfer \$65K matched NHPP to new project.	
Fiscal constraint is maintained.	
3/17/16 PIN 5761.30 Bridge Painting and Repairs	Amendment 40 Level Policy
The following changes were made to this project:	Resolution 2016-5 Ballot
Advance the letting from 4/15/17 to 5/19/16 Add \$1.070M to C&CI phases Delete PIN 5760.54 Bridge Painting of BIN 3327260	
In order to maintain fiscal constraint:	
PIN 5760.54 Bridge Painting will transfer \$0.675 (\$0.540M STP Off System Bridge + \$0.135M local match) and that project will be deleted.	
PIN 5760.23 Local Bridge Maintenance SFY 16/17 will be reduced by \$396k (matched STP Off System Bridge and STP Flex).	
PIN 5753.74 North Forest Rd will move \$594K (matched) C & CI funds from FFY16 to FFY17 (new let date 6/15/17)	
Total project cost (C & CI) is \$1.670M (\$1.336M federal STP Off System Bridge/STP Flex + \$0.344M local match). Fiscal constraint maintained.	
3/17/16 PIN 5810.04 Reconstruction of Rt. 952T (Sweet Home Rd) from Maple Rd to UB Entrance	Amendment 42 Level Policy
Construction & Construction Inspection costs increased \$1.096M to match the PS&E submission. In addition, the letting date was advanced from FFY17 to FFY16. The federal funding source also changed from all NHPP to STP Flex & HSIP. Let date will be 4/16.	Resolution 2016-7 Ballot
Total project cost (C & CI) is \$4.032M (\$3.349M federal HSIP/STP Flex + \$0.683M State match).	
Offsets are as follows: PIN 5101.86 Rehab of Rt. 219 bridges in Erie County is being delayed from FFY16 to FFY17 and PIN 5808.03 Drainage Block for all Counties in Region is being deleted and all funds will be transferred to 5810.04. Fiscal constraint is maintained.	
3/17/16 PIN 5760.93 Clarence Sidewalks Route 5: Transit to Sheridan	Amendment 39 Level Policy
Increased the cost of the project by \$0.447M due to a low initial estimate.	Resolution 2016-8 Ballot
Total project cost (C & CI) will be \$0.907M (\$0.727M federal STP Flex/TEP/HSIP + \$0.180M local match).	
In order to maintain fiscal constraint:	

\$0.269M of STP Flex funds will be moved from PIN 580998, B/P Block SFY 18/19. This project will no longer contain any funding and will be deleted.

\$0.029M of STP Flex funds will be moved from PIN 5809.99 B/P Block Project SFY 19/20

\$0.072M of HSIP funds will be moved from PIN 5T16.36 HSIP Ped Signal Program.

All matching funds will be the responsibility of the Town of Clarence.

PIN 580998, B/P Block SFY 18/19 will no longer contain any funding and will be deleted.

Let date will be 9/15/16.

<p>3/17/16 PIN 5900.20 NFTA Comprehensive TOD Planning for Transit Options Amherst-Buffalo – New Project</p> <p>This project will address the barriers to TOD along the corridor and achieve the above objectives by establishing a collaborative forum for transit and land-use stakeholders and engaging public officials, private developers, and other public/private sector players through working groups to address the lack of coordinated planning and set performance measures for the planning process. It will significantly enhance TOD in the Amherst-Buffalo transit corridor by activating champions, leaders, stakeholders, and the public for TOD and delineating a comprehensive and innovative set of policies, regulatory and financial tools, and infrastructure projects to overcome barriers to TOD in the corridor</p> <p>Let date will be 2/1/16.</p> <p>Total matched cost is \$0.801M (\$0.641M federal FTA TOD + \$0.080M state match + \$0.080M NFTA match). Fiscal constraint is maintained since these are new funds coming into the region and will not count against regional allocations.</p>	<p>Amendment Level Policy 36</p> <p>Resolution Ballot 2016-3</p>
<p>4/6/16 PIN 5761.42 Bridge Washing</p> <p>Merged this \$50K (STP Urban and STP Off System Bridge) project with PIN 576143 (Bridge Deck Sealing) \$100K (STP Urban and STP Off System Bridge)</p> <p>PIN number 5761.43 was removed from TIP.</p> <p>The new project title is PIN 5761.42 – Bridge Washing and Deck Sealing (\$150K STP Urban and STP Off System Bridge).</p>	<p>AdMod Level PCC 69</p> <p>Resolution Ballot</p>
<p>4/6/16 PIN 5812.89 Mill & Overlay of NY 384 from Nottingham Terrace to Kenmore Avenue in the City of Buffalo, Erie County</p> <p>Increased C & CI of this project to match the recently submitted PS&E.</p> <p>Total additional federal funding needed for project, PIN 581289, is \$0.438M. Offset provided by removing unused Design funding from this project and PIN 5T1540 (Pavement Preventive Maintenance Block). Fiscal constraint is maintained.</p> <p>Let date remains 6/16.</p>	<p>AdMod Level PCC 71</p> <p>Resolution Ballot 144</p>
<p>4/6/16 PIN 5268.48 Bridge Replacement of NY 240 over Buffalo River and Pavement Rehab of NY 240 from Mineral Springs Rd to Clinton St in the Town of West Seneca, Erie County.</p> <p>PIN 5470.22 Rt 198, Scajaquada Expressway Corridor</p> <p>Increased C & CI for PIN 526848 to match current PS&E estimate due to a reduction in available CBOW funding from FEMA. An additional \$2.975M of Federal Aid is needed for PIN 5268.48 Letting Date for PIN 526848 is also being slipped from 02/2016 to 06/2016. The total Construction Cost of PIN 5268.48 is \$11.843M.</p> <p>Added a Preliminary Design Phase to PIN 5470.22. An additional \$0.720M of Federal Aid was added.</p> <p>Offset for both projects will be provided by PIN 5T1540, Pavement Preventive Maintenance Block. Fiscal constraint is maintained.</p>	<p>AdMod Level PCC 68</p> <p>Resolution Ballot</p>
<p>4/6/16 Adjusted FTA Section 5307, 5337 and 5339 program funds to actual FFY 16 appropriations.</p>	<p>AdMod 70</p>

FFY 2015 Section 5307 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582363 Preventive Maintenance \$0 \$0 \$0 \$0 02/01/16 FFY 16
 582364 Associated Transportation Improvements \$261,657 \$209,325 \$26,166 \$26,166 02/01/16 FFY 16

FFY 2016 Section 5307 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582363 Preventive Maintenance \$21,574,503 \$17,259,603 \$2,157,450 \$2,157,450 02/01/16 FFY 16
 582396 Preventive Maintenance \$21,669,910 \$17,335,928 \$2,166,991 \$2,166,991 04/01/16 FFY 16

FFY 2015 Section 5337 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582370 Preventive Maintenance \$0 \$0 \$0 \$0 02/01/16 FFY 16

FFY 2016 Section 5337 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582370 Preventive Maintenance \$3,039,952 \$2,431,962 \$303,995 \$303,995 04/01/16 FFY 16
 582404 Preventive Maintenance \$3,434,709 \$2,747,767 \$343,471 \$343,471 04/01/16 FFY 16

FFY 2015 Section 5339 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582375 Purchase of Revenue Vehicles \$1,837,000 \$1,469,000 \$184,000 \$184,000 02/01/16 FFY 16
 582382 Purchase Paratransit Vehicles \$320,680 \$256,544 \$32,068 \$32,068 02/01/16 FFY 16

FFY 2016 Section 5339 Appropriation
 PIN Project TIP Federal State Local Let Date FFY
 582375 Purchase of Revenue Vehicles 1,473,063 1,178,451 147,306 147,306 02/01/16 FFY 16
 582407 Purchase of Revenue Vehicles 1,605,429 1,284,343 160,543 160,543 04/01/16 FFY 16

Fiscal constraint is maintained.

Level PCC
 Resolution
 Ballot

4/20/16 **PIN 5812.23 Overhead Variable Message Sign (VMS) Replacement I-290 @ Main**

This new project that will replace an existing VMS which has reached the end of its serviceable life.

Total cost of the new project is \$0.270M (\$0.216M matched NHPP + \$0.054M state match) for construction and construction inspection. The offset will be provided from PIN 5806.65 ITS Equipment Maintenance which will no longer contain any funding and will be deleted. Design will be completed with 100% State funding. Fiscal constraint is maintained.

Let date will be 6/16.

Public review was completed on March 16. No comments were received.

Amendment 41
 Level Policy
 Resolution 2016-9
 Ballot

4/20/16 **PIN 5761.30 Bridge Painting and Repairs**

Replaced \$196K (matched) STP Flex with STP Off Sys Br for C&CI, since the functional class for BIN 3327540 was initially incorrectly labeled as a Major Collector, not a Local Road.

Total project cost is unchanged. Fiscal constraint maintained.

AdMod 73
 Level TPS
 Resolution
 Ballot

4/20/16 **PIN 5761.33 Bridge Steel Deck Repairs**

This change replaces \$436K (matched) STP Off System Bridge with STP Flex for C&CI, since the functional class was initially incorrectly labeled as a Local Road, not a Minor Collector.

Total project cost is unchanged. Fiscal constraint maintained.

AdMod 74
 Level TPS
 Resolution
 Ballot

4/20/16 **PIN 5758.32 Wilson-Burt Rd Bridge over 18 Mile Creek**

Eight deteriorated floor beams on the north side of the bridge need to be repaired, increasing the total cost of the project by \$250K. Funding would come from PIN 5760.23 bridge maintenance block.

Let Date remains 5/18/16. Fiscal constraint is maintained.

AdMod 72
 Level TPS
 Resolution
 Ballot

4/20/16 **PIN 5759.91 Salt Rd Bridges over Beeman Creek**

Decreases Construction funding to current estimate, increases Inspection funding to current estimate and

AdMod 77
 Level TPS

<p>moves \$165k of excess Construction funding to PIN 5759.95 Stony Rd over Ellicott Creek to make its Construction phase whole.</p>	<p>Resolution Ballot</p>
<p>Let dates of both projects remain unchanged. Fiscal constraint is maintained.</p>	
<p>5/4/16 5811.06 Walden Avenue @ Galleria Drive Intersection Rehabilitation, in the Town of Cheektowaga, Erie County.</p>	<p>AdMod Level PCC 76</p>
<p>Added a \$244K (matched HSIP) ROW Acquisition Phase to this project. Offset will be provided by lowering C & CI. ROW Incidentals was completed using 100% State funding. Let date 4/16.</p>	<p>Resolution Ballot</p>
<p>Changes result in no change in Federal funding or total project cost (\$3.683M). Fiscal constraint is maintained.</p>	
<p>5/4/16 5808.28 ADA Compliance Work Sidewalk Ramps and Pedestrian Signal Improvements on Elm & Oak Street, plus, Single Course Mill & Overlay on North & South Division Street from Main to Elm – City of Buffalo, Erie County.</p>	<p>AdMod Level PCC 78</p>
<p>Increased C & CI for PIN 5808.28 by \$1.542M in Federal funds. Offsets will be provided by PINs 5808.00 (Signal Requirements Project) - \$0.233M in Federal funds, 5T15.40 (Pavement Preventive Maintenance Block) - \$0.361M in Federal funds, 5757.75 (ECC Transportation Improvements) - \$0.728M, and 5760.67 (City of Buffalo Safe Routes to School Program) - \$0.220M.</p>	<p>Resolution Ballot</p>
<p>All remaining work and funds from PINs 5808.00 and 5757.75 was merged into 5808.28.</p>	
<p>Total Project Cost for 5808.28 includes an additional State Overmatch of \$0.426m for C & CI plus additional State funds of \$0.135M to replace Local matches from PINs 5757.75 & 5760.67.</p>	
<p>6/1/16 NITTEC Strategic Highway Research Program (SHRP2) Funding</p>	<p>Amendment Level PCC 43</p>
<p>NITTEC has been awarded Strategic Highway Research Program funding for Capability Improvement Implementation Plan product implementation and will complete a Regional Traffic Signals Strategic Signals Plan. The total project cost will be \$75,000 in 100% federal (SHRP2) funds new to the region. Fiscal constraint is maintained.</p>	<p>Resolution 2016-11 Ballot</p>
<p>The program's goals are to implement cost-effective traffic signal timing and coordination strategies that improve safety, reduce travel time and harmful auto emissions, develop operational scenarios for managing real-time and planned movement of traffic and upgrade the electronic infrastructure within the region.</p>	
<p>6/15/16 PIN 5760.89 Newfane Streetscape Improvements (TEP)</p>	<p>AdMod Level TPS 79</p>
<p>Additional survey and mapping costs (\$50K matched TEP) increased the design cost for the project and increased work for the creation of a Veterans Park on Town property.</p>	<p>Resolution Ballot</p>
<p>Offset is taken from the Construction Phase of the same project. Fiscal Constraint is maintained.</p>	
<p>Let date remains 10/16</p>	
<p>6/17/16 PIN 5759.95 Bridge Replacement Of BIN 3328720 At Stony Rd Over Ellicott Creek</p>	<p>Amendment Level Policy 44</p>
<p>Minor scope change to include a culvert replacement. The culvert carries a tributary of Ellicott Creek and is 0.4 miles north of the bridge. The new culvert will be a precast concrete box with a construction cost of \$0.300M and inspection cost of \$0.030M to be funded with 100% local funds. New title of project is: Bridge Replacement Of BIN 3328720 At Stony Rd Over Ellicott Creek And Culvert Replacement</p>	<p>Resolution Ballot</p>
<p>Fiscal constraint maintained.</p>	
<p>6/17/16 PIN 5756.83 North Buffalo Rails to Trails</p>	<p>Amendment Level Policy 45</p>
<p>Additional work has been added to the project to improve the safety and visibility of the path in the vicinity of the Metro Rail Station and to make an ADA connection between Rails to Trails and Shoshone Park.</p>	<p>Resolution Ballot</p>
<p>Increases federal (CMAQ) share \$252.9K (matched) to cover the increased project costs. Funds are being allocated from unallocated NYSDOT CMAQ funds. Fiscal constraint is maintained.</p>	
<p>7/6/16 PIN 5757.31 CR 82 (Mill St)/Cattaraugus Creek, Towns of Ashford and Concord</p>	<p>Amendment Level PCC 47</p>
<p>Added \$70K design funds due to a change in scope of project from a deck replacement to a superstructure</p>	

replacement.

Resolution
Ballot

Additionally, letting date is delayed from 4/2016 to 4/2017 to reflect current schedule.

Offset from ROW Phase of PIN 581183 – Large Culvert Repairs/Replacements on Rts 5, 20, 240, & 249.
Fiscal Constraint is maintained.

NOTE:

All TIP amendments and their associated changes have been included in the fund source project tables. Full descriptions of each TIP Amendment and Administrative Modification (AdMod) are available through the GBNRTC or the NYSDOT Region 5 office.

2017 – 2021 TIP Detailed Project Listings

Please refer to the following pages for explanations on how to read the TIP listing, funding source abbreviations and common sub-work type codes. A glossary of commonly used transportation terms are also included in this document.

How to Read the TIP Listings

1 PIN
 575729

2 Description
 SWIFT MILLS/MURDER CREEK BRIDGE REPLACEMENT

Project Status: ACTIVE

Project Manager: CHRISTOPHE J RENN

3 Resp Org: LOCAL

Target/Actual Let Date: 04/28/2016

4 Primary Subwork Type: BRREPLC

FEDERAL FISCAL YEARS 4/1/2016 thru 3/31/2021						13 5 YEAR PERIOD TOTAL: 0.201					14 PROJECT TOTAL: 1.228	
5 COST CATEGORY	6 FUND SOURCE	7 FUND USE	8 WORK EST.	9 PREVIOUS YEARS	2016 2017	2017 2018	10 2018 2019	2019 2020	2020 2021	11 POST YEARS	12 OBLIG DATE	ACTUAL IND
PRELDES	L08	OFF	0.025	0.025							02/24/2014	ACTL
PRELDES	V10	OFF	0.100	0.100							02/24/2014	ACTL
DETLDES	L08	OFF	0.020	0.020							02/24/2014	ACTL
DETLDES	V10	OFF	0.080	0.080							02/24/2014	ACTL
CONST	L08	OFF	0.177		0.177						05/02/2016	ACTL
CONST	V10	OFF	0.708	0.708							03/21/2016	ACTL
CONINSP	L08	OFF	0.024		0.024						05/02/2016	ACTL
CONINSP	V10	OFF	0.094	0.094							03/21/2016	ACTL
Current Working Costs Total -			1.228	1.027	0.201							

- 1 PIN
Project Identification Number - a unique ID code up to ten characters for all phases of the same project
- 2 Project Description
Brief description, includes route #, street name, project limits, municipality, county, project status, and target/actual let date.
- 3 Responsible Organization
Organization responsible for the development and implementation of the project: Authority, local, NYSDOT, other, transit.
- 4 Primary Sub-work Type
Abbreviated description of the different general types of work that can be found on a project.
- 5 Cost Category
Work phases: scoping, preliminary design, detailed design, right-of-way incidentals, right-of-way acquisition, construction, construction inspection, etc.
- 6 Fund Source
Funding per project phase, abbreviated fund source description.
- 7 Fund Use
Funding eligibility relative to location: ON (federal-aid system), OFF (federal-aid system) or TRN (transit).
- 8 Work Estimate
Current project costs (in \$ millions), estimated or obligated for each project phase. Matching dollars are also shown for each phase. Total project cost at bottom of column.
- 9 Previous Years Costs
Project costs from years prior to the current TIP.
- 10 5-Year Cost Schedule
Work estimate dollars are shown in their corresponding planned or obligated state fiscal year. (Inflation ranges from 3½ to 7%)
- 11 Post 5-Year Costs
Any project costs and associated work phase which is outside the current five-year program period.
- 12 Obligation Date
Date at which the work estimate has been either planned or obligated. An obligation is the U.S. Department of Transportation's legal commitment to pay the federal share of a projects cost. If the work estimate is obligated, the "ACTUAL IND" column will have "ACTL" next to the corresponding date.
- 13 5-Year PIN Total
Total project cost (in \$ millions), of all phases within the current five-year program period.
- 14 Project Total
Total Project Cost – may also include funds spent in the previous TIP

Funding Source Code Definitions

Fund Source Code	Description
AA1	CMAQ (Congestion/Air Quality)
B19	Highway Bridge Reconstruction/Rehabilitation (HBRR) Off Federal Aid System
C17	FA Special Appropriation (Miscellaneous Federal Aid)
C30	National Recreational Trails
C32	S-LU Section 1702 <3676 (SAFETEA-LU High Priority)
C33	S-LU Section 1702 >=3677 (SAFETEA-LU High Priority)
C34	S-LU Section 1934 (SAFETEA-LU High Priority)
C36	SAFETY-LU HSIP (Federal Safety)
C37	Safe Route To School (SRTS)
C38	High Risk Rural Roads (HRRR)
C42	Coordinated Border Infrastructure (CBI)
C46	09 Spec Appropriations - Sect 125 (Miscellaneous Federal Aid)
C47	MAP 21 Highway Safety Improvement Program
E09	Local Government Unit (Miscellaneous Local)
E17	Other State Agencies (Miscellaneous Other)
E31	New York State Thruway
E33	Suburban Transp. Program. Local (Miscellaneous Local)
G06	Transportation Alternatives Program (TAP) Large Urban
G09	Transportation Alternatives Program (TAP) Flex
L08	2015 Bridge Initiative PIT Bonds
PP1	Interstate Maintenance (Interstate Maintenance)
R04	Marchiselli State Match (Miscellaneous State)
R13	State Transit Match (Omnibus Match) (Miscellaneous State)
V01	Surface Transportation Program (STP) Rail (Federal Rail Xing)
V05	Surface Transportation Program (STP) Enhancement (STP Enhancement)
V07	Surface Transportation Program (STP) Urban (STP Lg. Urban)
V10	Surface Transportation Program (STP) Off System Bridge
V11	Surface Transportation Program (STP) Flex (STP Flex)7.29
V16	Extension Of Allocation Programs (Extension Of Allocation Programs)
WW1	National Highway System (NHS)
WW2	National Highway Performance Program (NHPP)
Z01	State Dedicated Funds (SDF)

Primary Sub-Work Type Abbreviations

Abbreviation	Description
ALIGNMT	Alignment Work
BRCLEAN	Bridge Cleaning
BRGENER	Bridge General Repairs
BRMINOR	Bridge Minor Maintenance

BRPAINT	Bridge Painting
BRREHAB	General Bridge Rehabilitation
BRREPLC	Bridge Replacement: Structural
CULVERT	Culvert Replacement/Repairs
DCKSEAL	Bridge Deck Sealing
DRNGIMP	Drainage Improvement
DRNGMNT	Drainage Maintenance
GUIDIMP	Guiderail Improvements
GUIDRHB	Guiderail Installation/Improvement
HWRECON	Hwy Reconstruction: In-Kind (Concrete)
HWYNEW	New Highway Construction
INCDMGT	Incident Management
ISREHAB	Intersection Rehabilitation
ITS	Intelligent Transportation Systems
MILINLS	Cold Mill 1" To 1 ½ "; Replace With 1 ½ " Hot Mix Overlay
MULTCSD	Multi Course Overlay (D Contract)
PAVREHAB	Pavement Rehabilitation (Unspecified)
PEDIMPV	New/Improved Pedestrian Facility
RHBIKEFC	Rehabilitate Bicycle Facilities
RHPEDFC	Rehabilitate Pedestrian Facilities
RMBLSCL	Centerline Rumble Strips
RMBLSTP	Shoulder Rumble Strips
ROCKSLP	Rock Slope Protection
RRXIMPV	Rail Road Crossing Improvements
SIGCORD	Traffic Signal Coordination
SIGHTDS	Sight Distance Improvements
SNGLCRS	Single Course Overlay – OGS Delivered and VPP Contracts
SSRP	Bridge Superstructure Replacement
SUPIMPV	New/Improved Shared Use Paths
TRAFSIG	Traffic Signals/Devices
TRANSIT	Transit
TRFSGNS	Traffic Signs

Project Phase Abbreviations and Definitions

Abbreviation	Description
SCOPING	Scoping
PRELDES	Preliminary Design
DETLDES	Detailed Design
ROWINCD	Right-of-Way Incidentals
ROWACQU	Right-of-Way -Acquisition
CONST	Construction, Railroad Force Account, Utilities and other Construction
CONINSP	Construction Inspection

Scoping:

- Project needs and objectives are identified
- Preliminary alternatives are formulated
- Federal Environmental (NEPA) and State Environmental (SEQR) classification is identified so that the proper environmental documentation can be prepared
- The appropriate level of public involvement is determined

Preliminary Design:

- Identified alternatives are studied and the alternative that best meets the projects objectives is identified
- Public Input will be solicited on all but the most simple of projects
- A draft Design Report/ Design approval document is written in the format required to satisfy federal (NEPA) and state (SEQRA) environmental review laws

Detailed Design:

- Detailed engineering work on the preferred alternative
- Development of the plans and specifications that the construction contractor will work from

Right-of-Way Incidentals:

- Preparation work done prior to the acquisition of the additional property needed for the project

Right-of-Way Acquisition:

- The acquisition of property necessary to complete the project
- Achieved through the purchase of property or an easement

Construction:

- All work necessary to build the project

Construction Inspection:

- Inspection to ensure construction is performed properly and conforms to specification

Transit Project Definitions

- Preventative Maintenance - All maintenance costs related to vehicles and non-vehicles including all the activities, supplies, materials, labor, services, and associated costs required to preserve or extend the functionality and serviceability of the asset in a cost effective manner, up to and including the current state of the art for maintaining such an asset.
- Purchase Revenue Vehicles - Replaces life expired 40-foot buses to be used for fixed route transit service. These buses will be based at the Frontier Bus Facility and will be maintained by the Bus Maintenance Department.
- Purchase Paratransit Vehicles - Replaces similar life expired small buses that are based on an RV cutaway chassis and used for paratransit service. These buses will be based at the Frontier Bus Facility and will be maintained by the Bus Maintenance Department.

Annual Element (FFY 2017)

The Annual Element is a listing of all transportation project phases expected to be advanced during the first year of the TIP, which is Federal Fiscal Year (FFY) 2017. This particular fiscal year begins October 1, 2016 and continuing through September 30, 2021. This listing is updated at the start of each Federal Fiscal Year (Oct 1) on the GBNRTC website:

<http://www.gbnrtc.org/transportationimprovementprogram/>

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ACTL
5T1542	PMI-PAVT MAINT LET & VPP; SFY 18/19	ON	CAT CHA ERI NIA	DETAILED DESIGN	V11	0.88	12/06/2017	PLND
5T1554	HSIP STATE ROAD PROGRAM; SFY 17/18	ON		PRELIM DESIGN	C47	0.018	12/14/2016	PLND
		ON		DETAILED DESIGN	C47	0.072	02/13/2017	PLND
5T1556	STATE INFRASTRUCTURE RENEWAL BLOCK; SFY 18/19	ON		DETAILED DESIGN	WW2	0.64	06/12/2016	PLND
5T1557	STATE INFRASTRUCTURE RENEWAL BLOCK; SFY 19/20	ON		PRELIM DESIGN	WW2	0.16	06/14/2017	PLND
5V1742	RT 20; STURGEON POINT RD - AMSDELL RD	ON	ERI	CONSTRUCTION	WW2	0.64	08/04/2017	PLND
501131	RT 93 & 425 BRIDGE OVER E. BRANCH 12 MILE CREEK	ON ON	NIA NIA	DETAILED DESIGN ROW ACQU.	V11 V11	0.160 0.032	4/17/2017 5/30/2017	PLND PLND
501135	RT 93/MURDER CREEK	ON	ERI	DETAILED DESIGN	V07	0.104	11/10/2016	PLND
503817	ROUTE 354: HARLEM ROAD TO TRANSIT ROAD	ON	ERI	PRELIM DESIGN	V11	0.608	01/06/2017	PLND
503818	ROUTE 354: TRANSIT ROAD TO TWO ROD ROAD	ON ON	ERI ERI	SCOPING PRELIM DESIGN	V11 V11	0.032 0.764	2/1/2017 6/1/2017	PLND PLND
510186	RT 219 BRIDGES; ERIE COUNTY	ON	ERI	CONSTRUCTION	WW2	3.8	02/10/2016	PLND
		ON	ERI	CONST. INSP.	WW2	0.38	02/10/2016	PLND
511177	RT 20; CAZENOVIA CK-RT 16	ON	ERI	ROW INCI.	WW2	0.04	12/15/2016	PLND
		ON	ERI	PRELIM DESIGN	WW2	0.2	12/15/2016	PLND
511188	RT 5 & OLD LAKESHORE RD	ON ON	ERI ERI	ROW ACQU. CONSTRUCTION	C47 C47	0.045 0.900	10/24/2016 5/8/2017	PLND PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
	INTERSECTION IMPROVEMENTS							
513437	RT 5 @ BAYVIEW	ON	ERI	CONST. INSP.	C47	0.09	08/05/2017	PLND
		ON	ERI	CONSTRUCTION	C47	1.256	11/12/2016	PLND
		ON	ERI	CONST. INSP.	C47	0.15	11/12/2016	PLND
541056	RT 957A BRIDGES	ON	NIA	DETAILED DESIGN	V11	0.09	06/12/2016	PLND
547022	RT 198; SCAJAQUADA CORRIDOR PHASE I	ON	ERI	DETAILED DESIGN	WW2	2.8	06/15/2017	PLND
551254	RT 33; PRIORITY RAIL REPLACEMENT	ON	ERI	CONSTRUCTION	WW2	1.92	06/04/2017	PLND
		ON	ERI	CONST. INSP.	WW2	0.23	06/04/2017	PLND
558049	I-290 OVER NFTA CORRIDOR	ON	ERI	CONSTRUCTION	WW2	6.03	07/05/2017	PLND
		ON	ERI	CONST. INSP.	WW2	0.603	07/05/2017	PLND
575374	N. FOREST RD; RT263-DODGE RD	OFF	ERI	ROW ACQU.	V07	0.191	02/14/2017	PLND
		OFF	ERI	CONST. INSP.	V07	0.048	04/24/2017	PLND
		OFF	ERI	CONSTRUCTION	V07	0.4	04/24/2017	PLND
575709	LOCKPORT ST; MAIN ST - NORTH AVE	OFF	NIA	CONSTRUCTION	V07	0.96	04/14/2017	PLND
		OFF	NIA	CONST. INSP.	V07	0.104	04/14/2017	PLND
575731	CR 82 (MILL ST)/CATTARAUGUS CREEK	OFF	CAT ERI	CONSTRUCTION	V10	1.16	02/16/2017	PLND
		OFF	CAT ERI	CONST. INSP.	V10	0.139	02/16/2017	PLND
575779	NIAGARA GORGE BICYCLE/PED TRAIL	OFF	NIA	CONSTRUCTION	C32	1.342	07/14/2017	PLND
		OFF	NIA	CONST. INSP.	C32	0.138	07/14/2017	PLND
575795	BNMC; ALLEN ST; PHASE 3	OFF	ERI	CONSTRUCTION	C34	3.345	02/24/2017	PLND
		OFF	ERI	CONST. INSP.	C34	0.62	02/24/2017	PLND
575802	TOWN OF EVANS MULTI-USE PATHWAY, PHASE III TEP	OFF	ERI	CONSTRUCTION	V05	1.520	2/9/2017	PLND
		OFF	ERI	CONST. INSP.	V05	0.160	2/9/2017	PLND
575824	SOUTH PARK LOOP AT SOUTH PARK LAKE	OFF	ERI	CONSTRUCTION	V07	0.412	04/21/2017	PLND
		OFF	ERI	CONST. INSP.	V07	0.06	04/21/2017	PLND
575825	OHIO STREET LIFT BRIDGE/ BUFFALO RIVER BRIDGE REPAIRS	OFF	ERI	CONSTRUCTION	V07	4.184	4/20/2017	PLND
		OFF	ERI	CONST. INSP.	V07	0.457	4/20/2017	PLND
575830	WISTERMAN/MUD CREEK	OFF	NIA	ROW ACQU.	V07	0.04	09/19/2017	PLND
575995	STONY RD OVER ELLICOTT CREEK	OFF	ERI	CONST. INSP.	V07	0.133	10/20/2016	PLND
		OFF	ERI	CONSTRUCTION	V07	1.259	10/20/2016	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
575996	BRIDGE REPLACEMENT CARMEN RD OVER GOLDEN HILL CREEK	OFF	NIA	PRELIM DESIGN	V07	0.097	10/13/2016	PLND
		OFF	NIA	DETAILED DESIGN	V07	0.097	09/27/2017	PLND
576023	LOCAL BRIDGE MAINTENANCE PROGRAM; SFY 17/18;	OFF		DETAILED DESIGN	V10	0.259	10/17/2016	PLND
		OFF		CONSTRUCTION	V10	0.790	8/17/2017	PLND
		OFF		CONSTRUCTION	V07	0.88	08/17/2017	PLND
		OFF		CONST. INSP.	V10	0.095	08/17/2017	PLND
		OFF		CONST. INSP.	V11	0.034	08/17/2017	PLND
		OFF		CONSTRUCTION	V11	0.279	08/17/2017	PLND
		OFF		CONST. INSP.	V07	0.106	08/17/2017	PLND
576024	LOCAL PAVEMENT MAINTENANCE PROGRAM; SFY 17/18	OFF		DETAILED DESIGN	V11	0.096	10/14/2016	PLND
		OFF		CONST. INSP.	V11	0.024	8/14/2017	PLND
		OFF		CONSTRUCTION	V11	0.2	08/14/2017	PLND
		OFF		CONST. INSP.	V07	0.072	08/14/2017	PLND
		OFF		CONSTRUCTION	V07	0.6	08/14/2017	PLND
576048	BRIDGE WASHING & DECK SEALING; CITY OF BUFFALO	OFF	ERI	CONST. INSP.	V11	0.020	10/14/2016	PLND
		OFF	ERI	CONSTRUCTION	V11	0.284	10/14/2016	PLND
		OFF	ERI	CONST. INSP.	V10	0.004	10/14/2016	PLND
		OFF	ERI	CONSTRUCTION	V10	0.02	10/14/2016	PLND
576058	BRIDGE JOINT & BEARING REPAIRS; CITY OF BUFFALO	OFF	ERI	CONST. INSP.	V07	0.052	10/14/2016	PLND
		OFF	ERI	CONSTRUCTION	V07	0.568	10/14/2016	PLND
576067	CITY OF BUFFALO SAFE ROUTES TO SCHOOL PROGRAM	OFF	ERI	CONST. INSP.	C37	0.029	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	C37	0.245	2/9/2017	PLND
576076	HSIP LOCAL ROAD PROGRAM;17/18	OFF		PRELIM DESIGN	C47	0.021	12/29/2016	PLND
		OFF		DETAILED DESIGN	C47	0.108	02/13/2017	PLND
576081	NIAGARA ST SUSTAINABLE CORRIDOR & COMMUNITY INTEGRATION PROJ	OFF	ERI	CONST. INSP.	WW2	0.640	10/21/2016	PLND
		OFF	ERI	CONSTRUCTION	WW2	5.200	10/21/2016	PLND
576082	LOCKPORT RD; TOWN LINE RD-BEAR RIDGE RD PHASE III	OFF	NIA	CONST. INSP.	V07	0.154	10/13/2016	PLND
		OFF	NIA	CONSTRUCTION	V07	1.280	10/13/2016	PLND
576085	PENDLETON RECREATIONAL PATHWAYS EXPANSION; TEP	OFF	NIA	CONST. INSP.	V05	0.028	2/18/2017	PLND
		OFF	NIA	CONSTRUCTION	V05	0.480	2/18/2017	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
576087	NEWSTEAD TRAILWAY EXPANSION PROJECT TEP	OFF	NIA	CONSTRUCTION	V05	0.181	2/16/2017	PLND
		OFF	NIA	CONSTRUCTION	C30	0.192	2/16/2017	PLND
		OFF	NIA	CONST. INSP.	V05	0.024	02/16/2017	PLND
576088	HOLLAND SIDEWALK CONNECTION PROJECT; TEP	OFF	ERI	CONSTRUCTION	V05	0.242	10/2/2016	PLND
		OFF	ERI	CONST. INSP.	V05	0.022	10/2/2016	PLND
576092	WILLIAMSVILLE PICTURE MAIN ST TEP	OFF	ERI	CONSTRUCTION	V05	1.636	04/13/2017	PLND
		OFF	ERI	CONST. INSP.	V05	0.259	04/13/2017	PLND
576093	CLARENCE; RT 5 SIDEWALK EXPANSION; TRANSIT - SHERIDAN DR TEP	ON	ERI	CONSTRUCTION	C47	-0.072	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	C47	0.072	2/9/2017	PLND
		ON	ERI	CONSTRUCTION	C47	0.072	09/02/2017	PLND
		OFF	ERI	CONST. INSP.	C37	0.066	09/02/2017	PLND
		OFF	ERI	CONSTRUCTION	C37	0.302	09/02/2017	PLND
576093	CLARENCE; RT 5 SIDEWALK EXPANSION; TRANSIT - SHERIDAN DR TEP	OFF	ERI	CONSTRUCTION	V11	0.287	09/02/2017	PLND
576096	RT 62 @ DELEVAN AVE; SAFETY IMPROVEMENTS	OFF	ERI	CONSTRUCTION	C47	0.072	4/22/2017	PLND
		OFF	ERI	CONST. INSP.	C47	0.018	4/22/2017	PLND
576097	COLVIN BLVD @ BRIGHTON RD; SAFETY IMPROVEMENTS	OFF	ERI	CONSTRUCTION	C47	-0.306	4/13/2017	PLND
		OFF	ERI	CONST. INSP.	C47	-0.090	4/13/2017	PLND
		OFF	ERI	CONSTRUCTION	C47	0.306	04/13/2017	PLND
		OFF	ERI	CONST. INSP.	C47	0.09	04/13/2017	PLND
576099	SAFETY IMPROVEMENTS @ SIBLEY RD & CR 409 & RT 240	OFF	ERI	ROW ACQU.	C38	0.027	3/9/2017	PLND
		OFF	ERI	ROW INCI.	C38	0.009	3/9/2017	PLND
576102	TONAWANDA RAILS TO TRAILS EXTENSION TAP	OFF	ERI	ROW ACQU.	G06	0.032	11/16/2016	PLND
		OFF	ERI	CONST. INSP.	G06	0.080	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	G06	0.52	09/02/2017	PLND
576103	ELMWOOD AVENUE BICYCLE-PEDESTRIAN IMPROVEMENTS TAP	OFF	ERI	CONST. INSP.	G09	0.056	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	0.524	2/9/2017	PLND
576104	SHORELINE TRAIL BETHLEHEM STEEL PROJECT TAP	OFF	ERI	CONST. INSP.	G09	0.060	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	0.528	2/9/2017	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
576105	BUFFALO RIVERWALK SHORELINE TRAIL PROJECT TAP	OFF	ERI	CONST. INSP.	G09	0.090	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	1.220	2/9/2017	PLND
		OFF	ERI	CONST. INSP.	G06	0.07	09/02/2017	PLND
576111	WEST RIVER PARKWAY CONNECTOR TRAIL, TAP	OFF	ERI	CONSTRUCTION	G09	1.120	2/11/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	-1.120	2/11/2017	PLND
		OFF	ERI	CONST. INSP.	G09	-0.16	11/02/2017	PLND
		OFF	ERI	CONST. INSP.	G09	0.16	11/02/2017	PLND
		OFF	ERI	CONST. INSP.	G09	0.16	02/13/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	1.12	02/13/2017	PLND
576121	CARS ON MAIN STREET BUFFALO; LOWER MAIN	OFF	ERI	CONSTRUCTION	C17	14.040	2/18/2017	PLND
		OFF	ERI	CONST. INSP.	C17	1.800	2/18/2017	PLND
576142	BRIDGE WASHING & DECK SEALING, CITY OF NIAGARA FALLS	OFF	NIA	CONSTRUCTION	V10	0.004	4/2/2017	PLND
		OFF	NIA	CONSTRUCTION	V07	0.104	4/2/2017	PLND
		OFF	NIA	CONST. INSP.	V10	0.004	02/04/2017	PLND
576144	RT 384 OVER CAYUGA CREEK	OFF	NIA	CONST. INSP.	V07	0.008	02/04/2017	PLND
		OFF	NIA	CONSTRUCTION	V07	0.176	04/23/2017	PLND
576157	BUFFALO AVE: CAYUGA DR - RT 102	OFF	NIA	CONST. INSP.	V07	0.024	04/23/2017	PLND
		OFF	NIA	PRELIM DESIGN	V11	0.104	12/15/2016	PLND
576158	BUFFALO ROADWAY REHABS	OFF	NIA	DETAILED DESIGN	V11	0.104	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V11	0.282	12/15/2016	PLND
576159	WALDEN AVE: GENESSEE ST TO SYCAMORE ST	OFF	ERI	DETAILED DESIGN	V11	0.282	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V11	0.069	12/15/2016	PLND
576160	MAIN ST;GOODSELL ST TO DELAVAN AVE	OFF	ERI	DETAILED DESIGN	V11	0.069	6/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	WW2	0.487	12/15/2016	PLND
576161	BIG TREE RD: RT 62 SOUTH PARK AVE TO RT 75 ST FRANCIS RD	OFF	ERI	DETAILED DESIGN	WW2	0.487	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V11	0.147	12/15/2016	PLND
576162	CAYUGA DR: RT 384 (BUFFALO AVE) TO NIAGARA FALLS ECL	OFF	ERI	DETAILED DESIGN	V11	0.147	6/15/2017	PLND
		OFF	NIA	PRELIM DESIGN	V11	0.147	12/15/2016	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
576173	ELK ST OVER NORFOLK SOUTHERN	OFF	ERI	PRELIM DESIGN	V11	0.4	12/15/2016	PLND
		OFF	ERI	ROW INCI.	V11	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V11	0.4	06/15/2017	PLND
576174	ABBOTT RD; BIG TREE - US RT 20	OFF	ERI	ROW ACQU.	V11	0.08	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V07	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V07	0.08	06/15/2017	PLND
576175	MCKINLEY PKWY; US RT 20 - WILLET	OFF	ERI	PRELIM DESIGN	V07	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V07	0.08	06/15/2017	PLND
576176	MAPLE RD; HOPKINS ROAD - RT 78	OFF	ERI	PRELIM DESIGN	V07	0.16	12/15/2016	PLND
		OFF	ERI	ROW INCI.	V07	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V07	0.16	06/15/2017	PLND
576177	PONTIAC RD OVER BIG SISTER CRK	OFF	ERI	ROW ACQU.	V07	0.08	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V10	0.08	12/15/2016	PLND
		OFF	ERI	ROW INCI.	V10	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V10	0.16	06/15/2017	PLND
576178	CEDAR ST OVER LEDGE CRK	OFF	ERI	ROW ACQU.	V10	0.08	06/15/2017	PLND
		OFF	ERI	PRELIM DESIGN	V10	0.08	12/15/2016	PLND
		OFF	ERI	ROW INCI.	V10	0.08	12/15/2016	PLND
		OFF	ERI	DETAILED DESIGN	V10	0.08	06/15/2017	PLND
576179	WALMORE RD; RT 62 - LOCKPORT RD, NIAGARA COUNTY	OFF	ERI	ROW ACQU.	V10	0.08	06/15/2017	PLND
		OFF	NIA	PRELIM DESIGN	V07	0.080	12/15/2016	PLND
		OFF	NIA	ROW INCI.	V07	0.008	12/15/2016	PLND
		OFF	NIA	DETAILED DESIGN	V07	0.08	06/15/2017	PLND
576180	CHESTNUT RD OVER E TWELVE MILE CRK	OFF	NIA	ROW ACQU.	V07	0.008	06/15/2017	PLND
		OFF	NIA	PRELIM DESIGN	V10	0.08	12/15/2016	PLND
		OFF	NIA	ROW INCI.	V10	0.08	12/15/2016	PLND
		OFF	NIA	DETAILED DESIGN	V10	0.08	06/15/2017	PLND
576181	BUFFALO AVE; JOHN B DALY - MEMORIAL PKWY	OFF	NIA	ROW ACQU.	V10	0.08	06/15/2017	PLND
		OFF	NIA	PRELIM DESIGN	V07	0.080	12/15/2016	PLND
		OFF	NIA	DETAILED DESIGN	V07	0.080	6/15/2017	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
576188	CAYUGA DRIVE; TUSCARORA ROAD - NIAGARA FALLS ECL	OFF OFF	NIA NIA	PRELIM DESIGN DETAILED DESIGN	V07 V07	0.080 0.080	12/1/2016 6/1/2017	PLND PLND
576189	MILITARY RD; BUFFALO AVE - NIAGARA FALLS BLVD	OFF OFF		PRELIM DESIGN DETAILED DESIGN	V07 V07	0.080 0.080	12/1/2016 6/1/2017	PLND PLND
576191	FILMORE AVE; EAST FERRY TO KENSINGTON AVE	OFF OFF	ERI ERI	PRELIM DESIGN DETAILED DESIGN	V11 V11	0.147 0.147	12/15/2016 6/15/2017	PLND PLND
580486	NITTEC TOC ANNUAL STAFFING	ON	ERI NIA	OPERATIONS	V11	0.86	04/15/2017	PLND
		ON	ERI NIA	OPERATIONS	WW2	0.86	04/15/2017	PLND
580665	ITS MAINT; SFY 17/18 - 22/23	ON	ERI	MISCELLANEOU S	WW2	0.32	01/04/2017	PLND
		ON	ERI	CONST. INSP.	WW2	0.038	01/04/2017	PLND
580910	DRAINAGE; SFY 17/18	ON	CAT CHA ERI NIA	CONSTRUCTION	WW2	0.64	08/04/2017	PLND
		ON	CAT CHA ERI NIA	CONSTRUCTION	V11	0.36	08/04/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	WW2	0.077	08/04/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	V11	0.043	08/04/2017	PLND
580914	OVERHEAD SIGN STRUCTURES & SIGN PANEL PROGRAM; SFY 17/18	ON ON	CAT CHA ERI NIA CAT CHA ERI NIA	CONSTRUCTION CONSTRUCTION	WW2 V11	0.400 0.360	4/24/2017 4/24/2017	PLND PLND
580914	OVERHEAD SIGN STRUCTURES & SIGN PANEL PROGRAM; SFY 17/18	ON ON	CAT CHA ERI NIA CAT CHA ERI NIA	CONST. INSP. CONST. INSP.	WW2 V11	0.048 0.043	4/24/2017 4/24/2017	PLND PLND
580915	SIGNAL REPLACEMENT; SFY 17/18	ON	CAT CHA ERI NIA	CONSTRUCTION	WW2	0.928	04/16/2017	PLND
		ON	CAT CHA ERI NIA	CONSTRUCTION	V11	0.4	04/16/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	WW2	0.111	04/16/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	V11	0.048	04/16/2017	PLND
580919	ADA COMPLIANCE PROJECT; SFY 17/18	ON	CAT CHA ERI NIA	CONSTRUCTION	V11	0.221	05/02/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	V11	0.026	05/02/2017	PLND
580938	MOF- HELP; I-290, SFY 17/18 - SFY 21/22	ON	ERI	MISCELLANEOU S	WW2	0.24	04/15/2017	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
580952	GUIDERAIL REPLACEMENT; NIAGARA COUNTY	ON	NIA	CONST. INSP.	V11	0.032	10/2/2016	PLND
		ON	NIA	CONSTRUCTION	V11	0.259	10/2/2016	PLND
		ON	NIA	CONST. INSP.	WW2	0.046	02/10/2016	PLND
		ON	NIA	CONSTRUCTION	WW2	0.381	02/10/2016	PLND
580953	GUIDERAIL REPLACEMENT SFY 17/18	ON	CAT CHA ERI NIA	CONST. INSP.	V11	0.048	04/13/2017	PLND
		ON	CAT CHA ERI NIA	CONSTRUCTION	V11	0.4	04/13/2017	PLND
		ON	CAT CHA ERI NIA	CONST. INSP.	WW2	0.037	04/13/2017	PLND
		ON	CAT CHA ERI NIA	CONSTRUCTION	WW2	0.304	04/13/2017	PLND
580995	RT 277, NEW SIDEWALK INSTALLATION; I- 90 - RT 5	ON	ERI	CONST. INSP.	V11	0.034	12/25/2016	PLND
		ON	ERI	CONSTRUCTION	V11	0.288	12/25/2016	PLND
581231	LARGE CULVERT PROGRAM SFY18/19	ON		DETAILED DESIGN	V11	0.227	10/21/2016	PLND
		ON		ROW ACQU.	V11	0.227	06/12/2016	PLND
581234	OVERHEAD VMS REPLACEMENT AT I-990 SB	ON	ERI	CONST. INSP.	WW2	0.033	4/15/2017	PLND
		ON	ERI	CONSTRUCTION	WW2	0.280	4/15/2017	PLND
581250	RT 78;TERRACE BLVD-GEORGE URBAN BLVD &REMOVAL OF BIN 7030220	ON	ERI	CONSTRUCTION	C47	0.351	10/16/2016	PLND
		ON	ERI	CONSTRUCTION	C47	-0.351	10/16/2016	PLND
		ON	ERI	CONST. INSP.	C47	0.042	10/16/2016	PLND
		ON	ERI	CONST. INSP.	C47	0.042	10/16/2016	PLND
		ON	ERI	CONST. INSP.	C47	-0.042	10/16/2016	PLND
		ON	ERI	CONSTRUCTION	C47	0.351	10/16/2016	PLND
		ON	ERI	CONST. INSP.	WW2	0.195	10/16/2016	PLND
		ON	ERI	CONSTRUCTION	WW2	1.588	10/16/2016	PLND
581258	GENERAL BRIDGE REPAIRS, ERIE AND NIAGARA COUNTIES	ON	ERI NIA	CONST. INSP.	WW2	0.222	10/16/2016	PLND
		ON	ERI NIA	CONSTRUCTION	WW2	1.852	10/16/2016	PLND
		ON	ERI NIA	CONST. INSP.	V11	0.062	10/16/2016	PLND
		ON	ERI NIA	CONSTRUCTION	V11	0.51	10/16/2016	PLND
581259	GENERAL BRIDGE REPAIRS, ERIE AND CHAUTAUQUA COUNTIES	ON	CHA ERI	CONST. INSP.	WW2	0.040	12/11/2016	PLND
		ON	CHA ERI	CONSTRUCTION	WW2	0.332	12/11/2016	PLND
		ON	CHA ERI	CONST. INSP.	V11	0.138	11/12/2016	PLND
		ON	CHA ERI	CONSTRUCTION	V11	1.156	11/12/2016	PLND
581261	BRIDGE MBC & PRESERVATION	ON		DETAILED DESIGN	V11	0.096	2/24/2017	PLND
		ON		CONSTRUCTION	WW2	0.288	2/24/2017	PLND

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ACTL
	PROGRAM; SFY 17/18 - PHASE II			DETAILED DESIGN				
581262	BRIDGE MBC & PRESERVATION PROGRAM; SFY 18/19 - PHASE I	ON	CAT CHA	DETAILED DESIGN	V11	0.096	6/20/2017	PLND
		ON	ERI NIA	DETAILED DESIGN	WW2	0.288	6/20/2017	PLND
581268	LARGE CULVERT PROGRAM SFY 19/20	ON	CAT CHA	DETAILED DESIGN				
			ERI NIA	ROW INCI.	V11	0.04	06/14/2017	PLND
581287	PMI-NY 240; POTTERS RD-CAZENOVIA CREEK	ON	ERI	CONSTRUCTION	WW2	0.144	10/16/2016	PLND
		ON	ERI	CONST. INSP.	WW2	0.018	10/16/2016	PLND
581296	RT 5; I290 - WILLIAMSVILLE EVL	ON	ERI	CONSTRUCTION	WW2	1.28	04/13/2017	PLND
		ON	ERI	CONST. INSP.	WW2	0.154	04/13/2017	PLND
581300	RT 5; RT 62 - I290	ON	ERI	DETAILED DESIGN	WW2	0.093	12/06/2017	PLND
581301	RT 324; EVANS/HOPKINS - RT 78	ON	ERI	CONST. INSP.	WW2	0.186	04/13/2017	PLND
		ON	ERI	CONSTRUCTION	WW2	1.546	04/13/2017	PLND
		ON	ERI	CONST. INSP.	C47	0.014	04/13/2017	PLND
		ON	ERI	CONSTRUCTION	C47	0.117	04/13/2017	PLND
581302	RT 20 (BROADWAY AVE); RT 78 - BOWEN RD	ON	ERI	CONST. INSP.	WW2	0.165	04/13/2017	PLND
		ON	ERI	CONSTRUCTION	WW2	1.376	04/13/2017	PLND
		ON	ERI	CONST. INSP.	C47	0.025	04/13/2017	PLND
		ON	ERI	CONSTRUCTION	C47	0.208	04/13/2017	PLND
581304	RT 400; RT 20A - JAMISON RD	ON	ERI	CONST. INSP.	WW2	0.245	04/13/2017	PLND
		ON	ERI	CONSTRUCTION	WW2	2.04	04/13/2017	PLND
581305	951A (LASALLE EXPWY) EB & 957A (ROBERT MOSES PKWY) EB	ON	NIA	CONST. INSP.	WW2	0.148	6/8/2017	PLND
		ON	NIA	CONSTRUCTION	WW2	1.233	6/8/2017	PLND
581334	RT 219; I-90 MERGE TO NORTH END	ON	ERI	CONST. INSP.	WW2	0.142	02/10/2016	PLND
		ON	ERI	CONSTRUCTION	WW2	1.185	02/10/2016	PLND
581336	DRAINAGE SWEEPING; ERIE COUNTY	ON	ERI	CONST. INSP.	V11	0.034	10/16/2016	PLND
		ON	ERI	CONSTRUCTION	V11	0.28	10/16/2016	PLND
593649	BUFFALO RD; CSX LOCKPORT	ON	NIA	DETAILED DESIGN	V01	0.009	10/15/2016	PLND
		OFF	NIA	CON RR FRC ACCT	V01	0.27	05/15/2017	PLND
						109.156	Unmatched Total	

Bicycle and Pedestrian (FFY 2017)

Previous legislation specified that the development of the annual listing of obligated projects include two new project types - “investments in pedestrian walkways” and “bicycle transportation facilities” for which federal funds have been obligated in the preceding year. We continue to provide this information as a separate table after the full annual element listing. It specifies those phases of bicycle and pedestrian projects expected to be advanced during the first year of the TIP. As above, this particular fiscal year begins October 1, 2016 and continues through September 30, 2017. Note that many TIP projects have substantial bicycle and/or pedestrian elements however only those considered stand-alone are included.

An updated listing is maintained on the GBNRTC website:

<http://www.gbnrtc.org/transportationimprovementprogram/>

PIN	PROJECT DESCRIPTION	NYS SYS	COUNTY	PHASE	FUND CODE	COST (\$M)	OBLIG DATE	PLAN/ ACTL
575779	NIAGARA GORGE BICYCLE/PED TRAIL	OFF	NIA	CONSTRUCTION	C32	1.342	7/14/2017	PLND
		OFF	NIA	CONST. INSP.	C32	0.138	7/14/2017	PLND
575802	TOWN OF EVANS MULTI-USE PATHWAY, PHASE III TEP	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	V05 V05	1.520 0.160	2/9/2017 2/9/2017	PLND PLND
576067	CITY OF BUFFALO SAFE ROUTES TO SCHOOL PROGRAM	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	C37 C37	0.245 0.029	2/9/2017 2/9/2017	PLND PLND
576081	NIAGARA ST SUSTAINABLE CORRIDOR & COMMUNITY INTEGRATION PROJ	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	WW2 WW2	5.200 0.640	10/21/2016 10/21/2016	PLND PLND
576085	PENDLETON RECREATIONAL PATHWAYS EXPANSION; TEP	OFF OFF	NIA NIA	CONSTRUCTION CONST. INSP.	V05 V05	0.480 0.028	2/18/2017 2/18/2017	PLND PLND
576087	NEWSTEAD TRAILWAY EXPANSION PROJECT TEP	OFF OFF	NIA NIA	CONSTRUCTION CONST. INSP.	C30 V05	0.192 0.024	2/16/2017 2/16/2017	PLND PLND
		OFF	NIA	CONSTRUCTION	V05	0.181	2/16/2017	PLND
576088	HOLLAND SIDEWALK CONNECTION PROJECT; TEP	OFF OFF	ERI ERI	CONST. INSP. CONSTRUCTION	V05 V05	0.022 0.242	10/2/2016 10/2/2016	PLND PLND
576092	WILLIAMSVILLE PICTURE MAIN ST TEP	OFF	ERI	CONST. INSP.	V05	0.259	4/13/2017	PLND
		OFF	ERI	CONSTRUCTION	V05	1.636	4/13/2017	PLND
576093	CLARENCE; RT 5 SIDEWALK EXPANSION; TRANSIT - SHERIDAN DR TEP	ON ON	ERI ERI	CONSTRUCTION CONSTRUCTION	C47 C47	0.072 -0.072	2/9/2017 2/9/2017	PLND PLND
		OFF	ERI	CONST. INSP.	C37	0.066	2/9/2017	PLND

		OFF	ERI	CONSTRUCTION	C37	0.302	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	V11	0.287	2/9/2017	PLND
		OFF	ERI	CONSTRUCTION	C47	0.072	2/9/2017	PLND
576096	RT 62 @ DELEVAN AVE; SAFETY IMPROVEMENTS	OFF OFF	ERI ERI	CONST. INSP. CONSTRUCTION	C47 C47	0.018 0.072	4/22/2017 4/22/2017	PLND PLND
576102	TONAWANDA RAILS TO TRAILS EXTENSION TAP	OFF OFF	ERI ERI	ROW ACQU. CONSTRUCTION	G06 G06	0.032 0.520	11/16/2016 2/9/2017	PLND PLND
		OFF	ERI	CONST. INSP.	G06	0.080	2/9/2017	PLND
576103	ELMWOOD AVENUE BICYCLE-PEDESTRIAN IMPROVEMENTS TAP	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	G09 G09	0.524 0.056	2/9/2017 2/9/2017	PLND PLND
576104	SHORELINE TRAIL BETHLEHEM STEEL PROJECT TAP	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	G09 G09	0.528 0.060	2/9/2017 2/9/2017	PLND PLND
576105	BUFFALO RIVERWALK SHORELINE TRAIL PROJECT TAP	OFF OFF	ERI ERI	CONSTRUCTION CONST. INSP.	G09 G06	1.220 0.070	2/9/2017 2/9/2017	PLND PLND
		OFF	ERI	CONST. INSP.	G09	0.090	2/9/2017	PLND
576111	WEST RIVER PARKWAY CONNECTOR TRAIL, TAP	OFF OFF	ERI ERI	CONST. INSP. CONST. INSP.	G09 G09	-0.160 0.160	2/11/2017 2/11/2017	PLND PLND
		OFF	ERI	CONSTRUCTION	G09	-1.120	2/11/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	1.120	2/11/2017	PLND
		OFF	ERI	CONSTRUCTION	G09	1.120	2/13/2017	PLND
		OFF	ERI	CONST. INSP.	G09	0.160	2/13/2017	PLND
580919	ADA COMPLIANCE PROJECT; SFY 17/18	ON	CAT CHA ERI NIA	CONST. INSP.	V11	0.026	2/5/2017	PLND
		ON	CAT CHA ERI NIA	CONSTRUCTION	V11	0.221	2/5/2017	PLND
580995	RT 277, NEW SIDEWALK INSTALLATION; I-90 - RT 5	ON ON	ERI ERI	CONST. INSP. CONSTRUCTION	V11 V11	0.034 0.288	12/25/2016 12/25/2016	PLND PLND
						18.184	Unmatched Total	

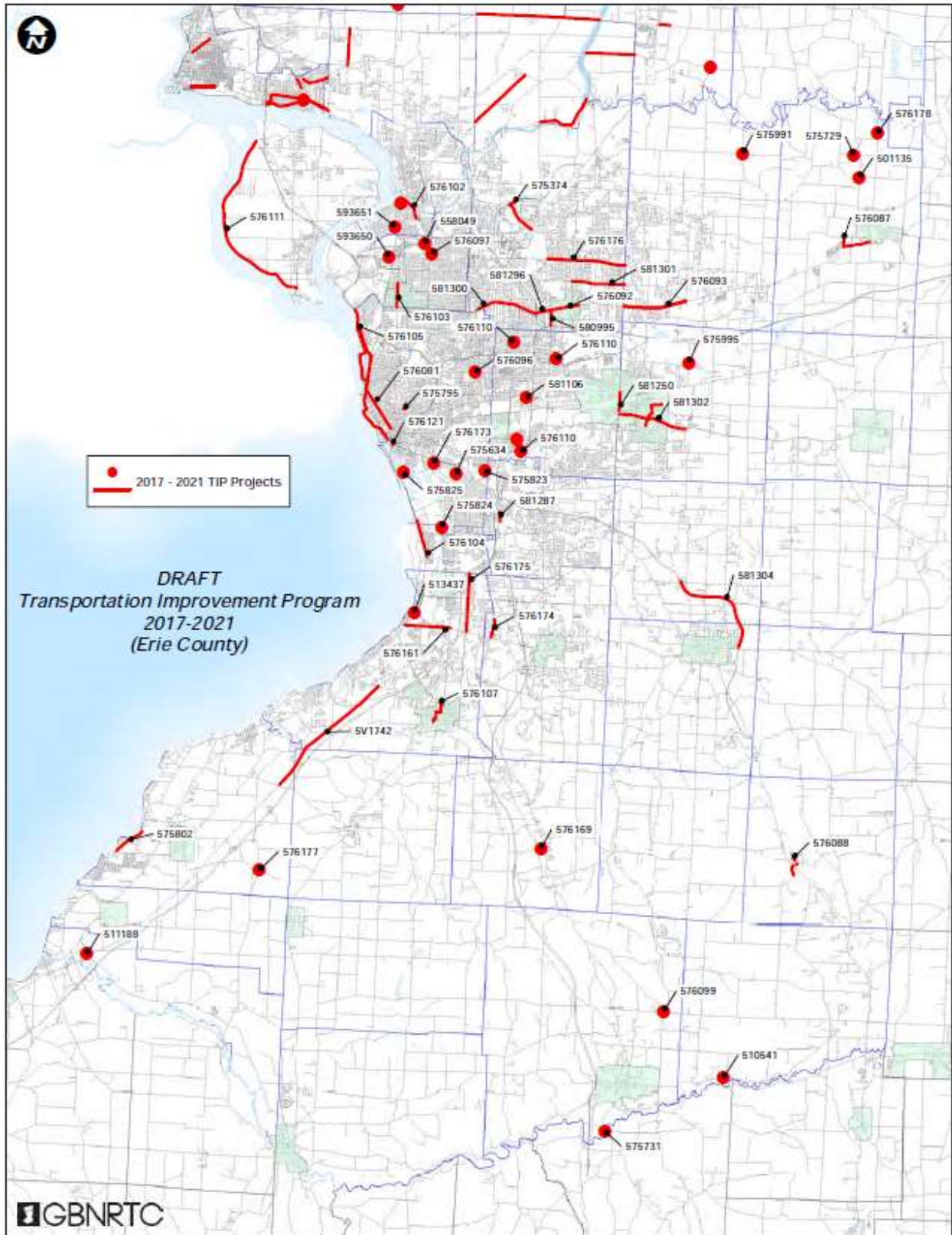
Complete Project Listings

Following the Annual Elements is the complete detailed program listing of projects scheduled for implementation during the Federal Fiscal Years 2017-2021, which spans the dates beginning October 1, 2016 through September 30, 2021.

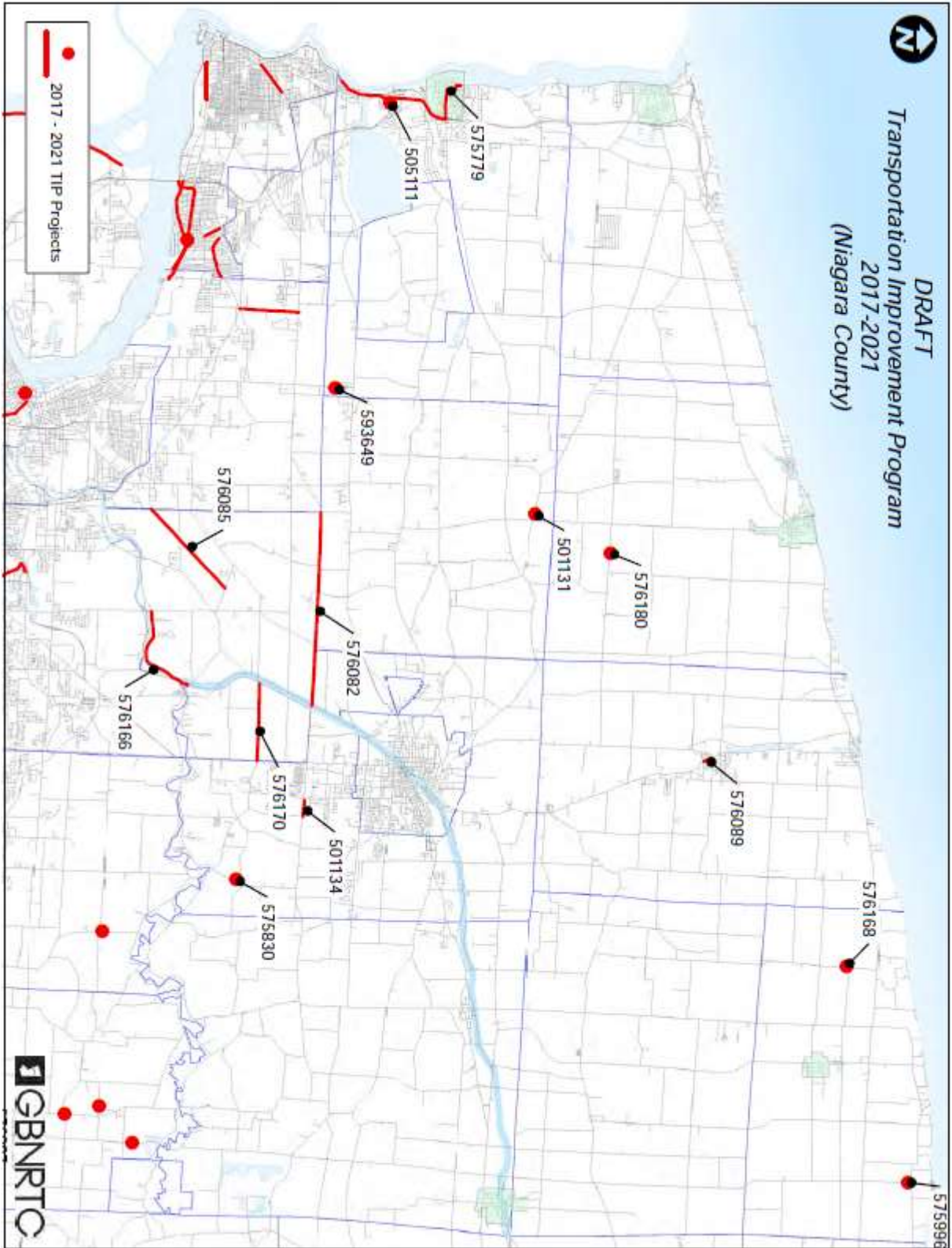
Please see the section titled, “How to Read the TIP Listings” if you need any assistance.

Project Location Maps





DRAFT
Transportation Improvement Program
2017-2021
(Niagara County)





Project Locations Relative to Environmental Data

Metropolitan Planning Organizations such as the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) are encouraged to consult as appropriate with federal, state and local agencies responsible for land use management, natural resources, environmental protection, conservation and historic preservation in the development of transportation plans and programs.

The GBNRTC initiated contact with Federal, State, Local, and Tribal agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation to provide these agencies with information regarding the MPO, its activities, and request their participation in the agency consultation process. The agencies identified for initial agency consultation included NYS Office of Parks, Recreation, and Historic Preservation; NYS Department of Environmental Conservation; NYS Department of Agriculture and Markets; NYS Historic Preservation Office; Department of State - Division of Coastal Resources; U.S. Fish and Wildlife Service; U.S. Army Corps of Engineers; Niagara County SWCD; Erie County SWCD; Erie County Environmental Management Council; Niagara County Environmental Management Council; and the Seneca Nation of Indians.

GBNRTC staff compiled data related to cultural, natural, and historic resources in the region. This data was then cross-referenced with project locations. The result was a table that identify projects within one mile of defined resource sensitive areas. A series of geographic maps was also produced showing resource sensitive areas with project locations (where available).

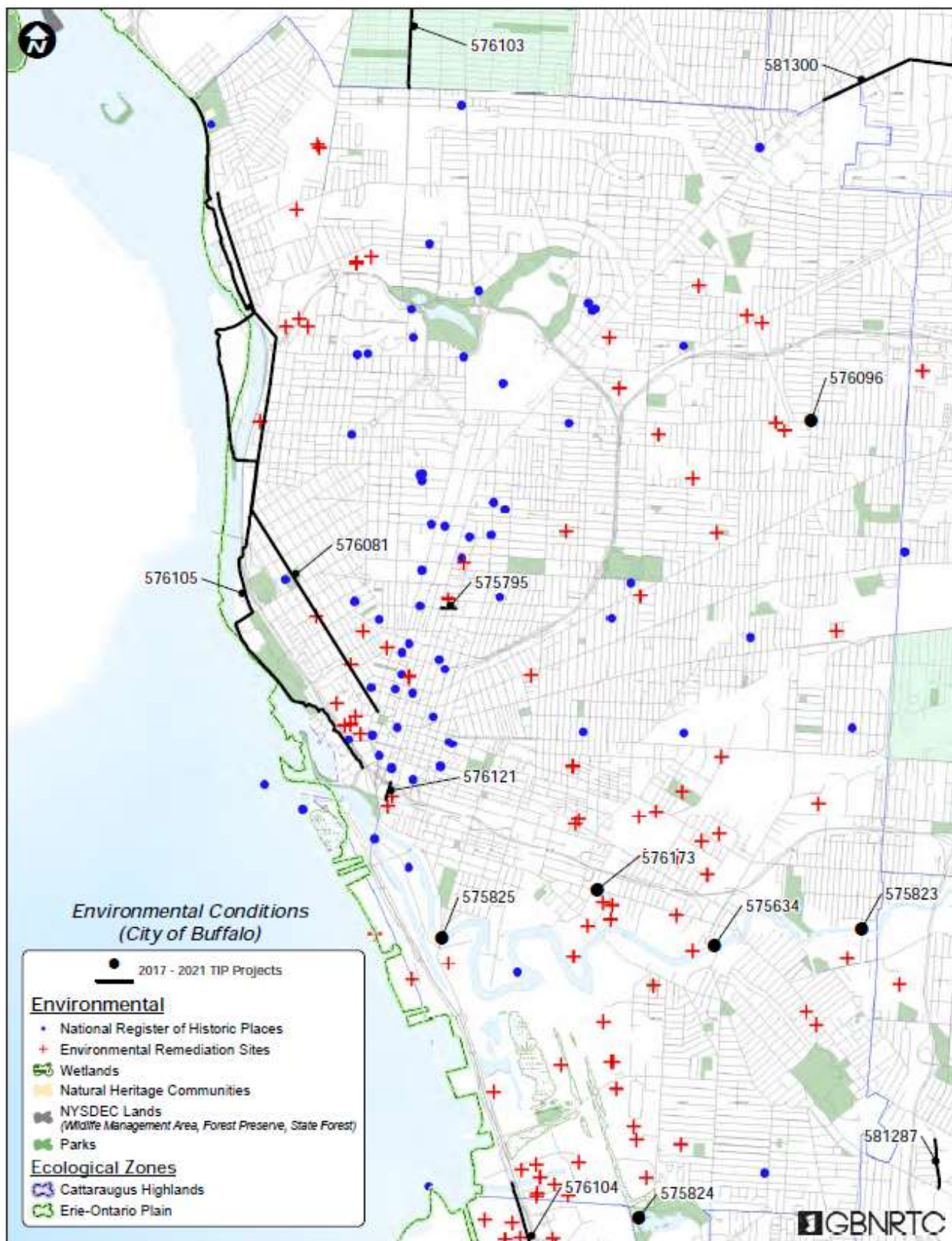
An environmental assessment will continue to be conducted for each project by its lead agency as it advances to ascertain the true nature of any potential impact.

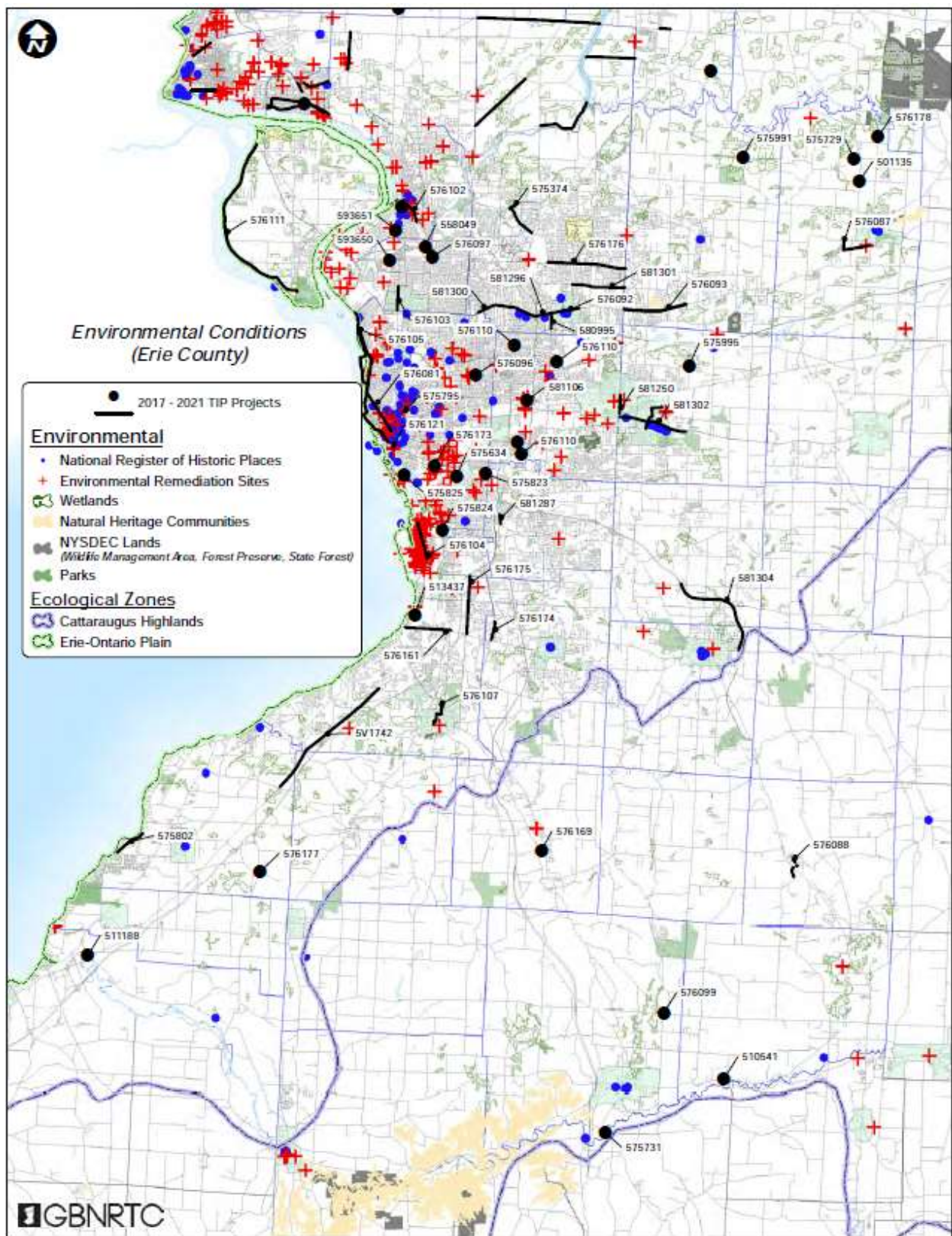
Projects Within One Mile of Defined Resource Sensitive Areas

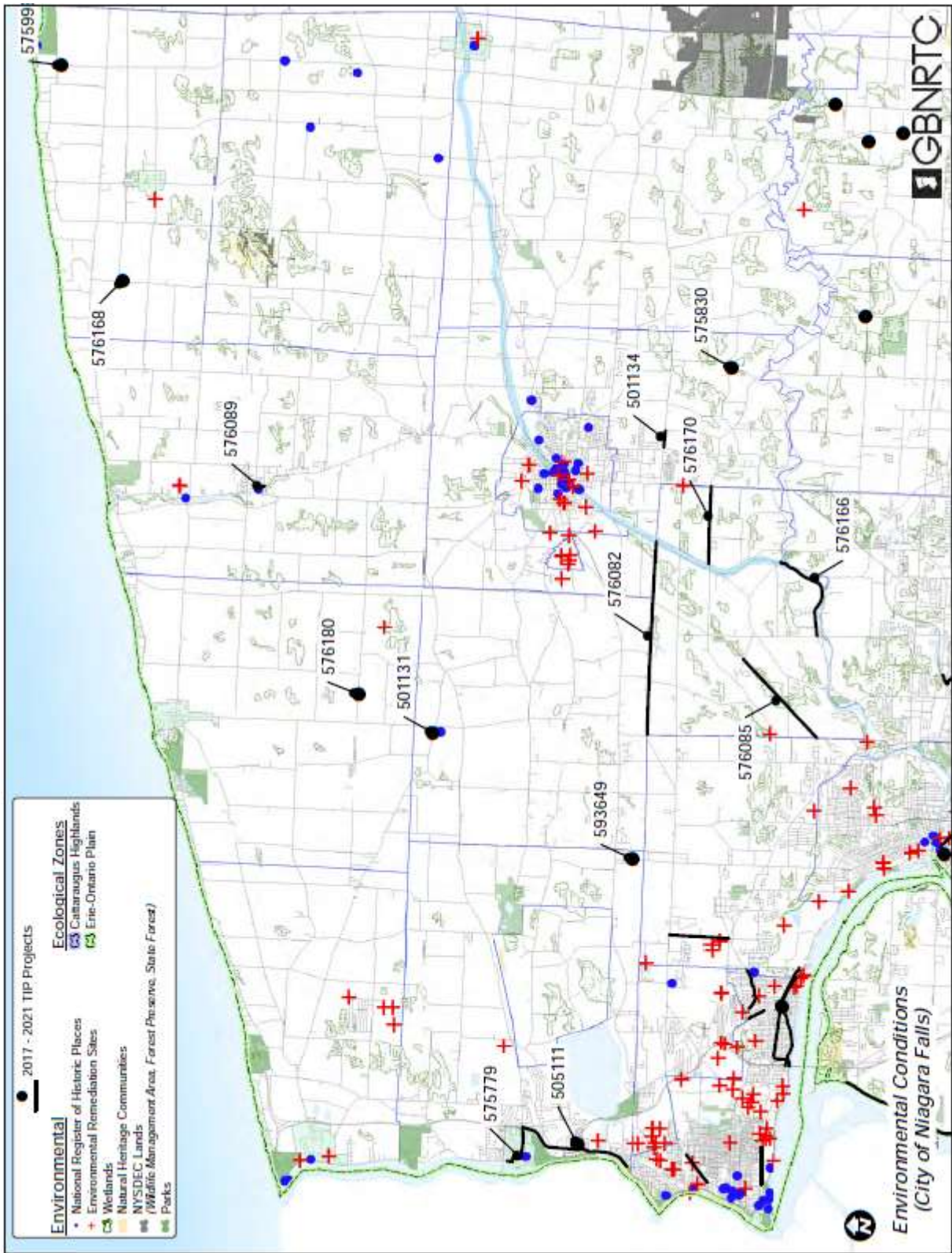
Agency	PIN	Project Description	Area Parks	National Heritage	DEC Land	Historic	Remediation	Wetland
Buffalo	575795	BNMC; ALLEN ST; PHASE 3	X			X	X	X
Buffalo	575823	SOUTH OGDEN/BUFFALO RIVER	X				X	X
Buffalo	575824	SOUTH PARK LOOP AT SOUTH PARK LAKE	X			X	X	X
Buffalo	575825	OHIO STREET LIFT BRIDGE/ BUFFALO RIVER BRIDGE REPAIRS	X			X	X	X
Buffalo	576081	NIAGARA ST SUSTAINABLE CORRIDOR & COMMUNITY INTEGRATION PROJ	X			X	X	X
Buffalo	576096	RT 62 @ DELEVAN AVE; SAFETY IMPROVEMENTS	X				X	X
Buffalo	576105	BUFFALO RIVERWALK SHORELINE TRAIL PROJECT	X			X	X	X
Buffalo	576121	CARS ON MAIN STREET BUFFALO; LOWER MAIN	X			X	X	X
Buffalo	576173	ELK ST OVER NORFOLK SOUTHERN	X			X	X	X
Erie County	575374	N. FOREST RD; RT263-DODGE RD	X					X
Erie County	575729	SWIFT MILLS/MURDER CREEK BRIDGE REPLACEMENT						X
Erie County	575731	CR 82 (MILL ST)/CATTARAUGUS CREEK		X		X		

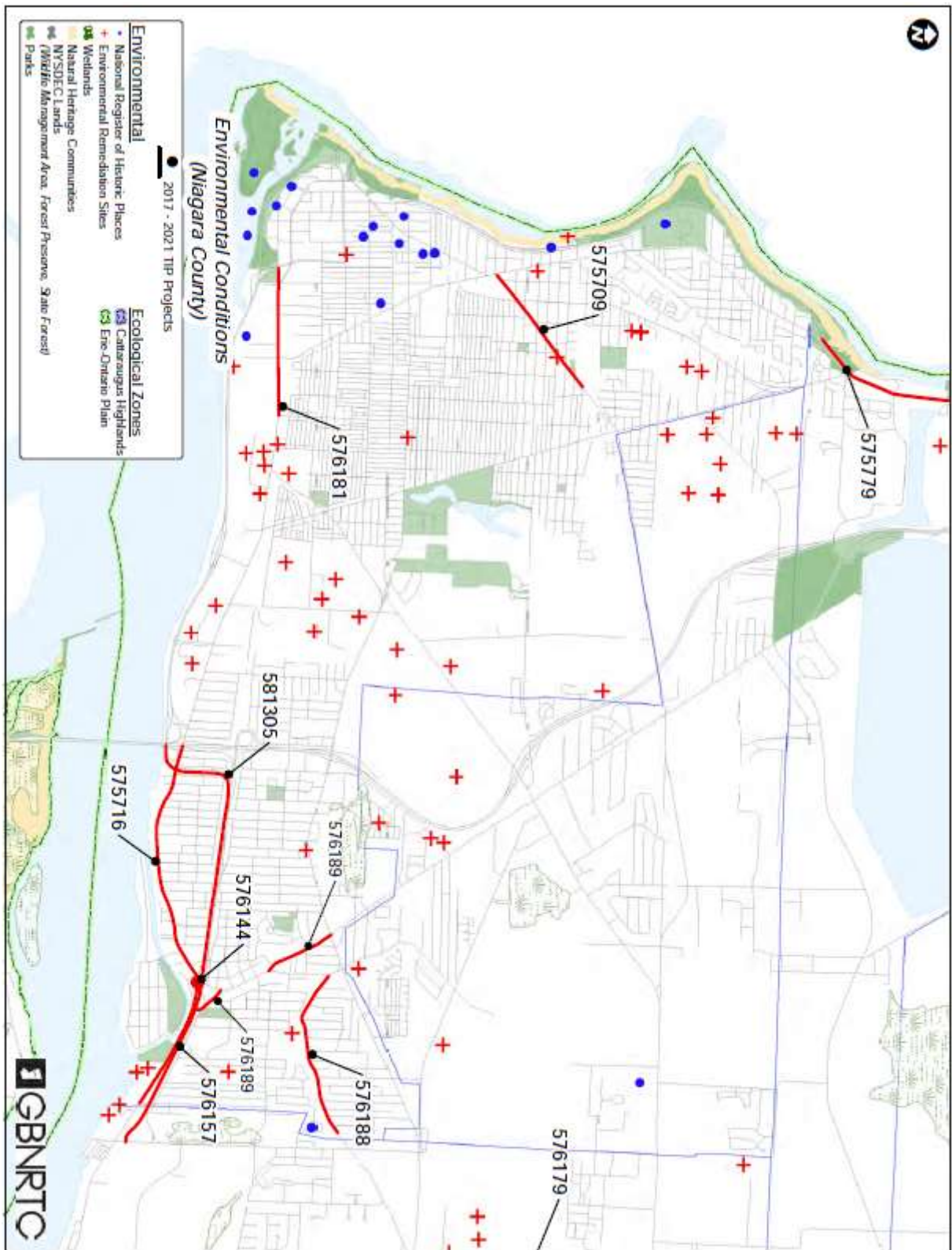
Agency	PIN	Project Description	Area Parks	National Heritage	DEC Land	Historic	Remediation	Wetland
Erie County	575802	TOWN OF EVANS MULTI-USE PATHWAY, PHASE III	X	X				X
Erie County	575991	SALT RD BRIDGES OVER BEEMAN CREEK	X					X
Erie County	575995	STONY RD OVER ELLICOTT CREEK BRIDGE REPLACEMENT						X
Erie County	576097	COLVIN BLVD @ BRIGHTON RD; SAFETY IMPROVEMENTS	X				X	X
Erie County	576099	SAFETY IMPROVEMENTS @ SIBLEY RD & CR 409 & RT 240		X				X
Erie County	576102	TONAWANDA RAILS TO TRAILS EXTENSION	X		X	X	X	X
Erie County	576103	ELMWOOD AVENUE BICYCLE-PEDESTRIAN IMPROVEMENTS	X			X	X	X
Erie County	576104	SHORELINE TRAIL BETHLEHEM STEEL PROJECT	X			X	X	X
Erie County	576161	BIG TREE RD: RT 62 SOUTH PARK AVE TO RT 75 ST FRANCIS RD	X				X	X
Erie County	576169	HILLCROFT DR/18 MILE CRK; BRIDGE REPLACEMENT, ERIE COUNTY					X	X
Erie County	576174	ABBOTT RD; BIG TREE - US RT 20	X					X
Erie County	576175	MCKINLEY PKWY; US RT 20 - WILLET	X				X	X
Erie County	576176	MAPLE RD; NORTH FOREST - RT 78	X	X	X		X	X
Erie County	576177	PONTIAC RD OVER BIG SISTER CRK						X
Erie County	576178	CEDAR ST OVER LEDGE CRK	X		X			X
Niagara Falls	575709	LOCKPORT ST; MAIN ST - SENECA AVE	X	X		X	X	X
Niagara Falls	575716	BUFFALO AVE; I-190-CAYUGA DR (PHASE II)	X	X			X	X
Niagara Falls	576144	RT 384 OVER CAYUGA CREEK	X				X	X
Niagara Falls	576157	BUFFALO AVE: CAYUGA DR - 102nd ST	X				X	X
Niagara Falls	576162	CAYUGA DR: RT 384 BUFFALO AVE TO NIAGARA FALLS ECL	X			X	X	X
Niagara Falls	576181	BUFFALO AVE; JOHN DALY - 24TH ST	X	X		X	X	X
Niagara Falls	576189	MILITARY RD: BUFFALO AVE - NIAGARA FALLS BLVD	X				X	X
Niagara County	575830	WISTERMAN/MUD CREEK						X
Niagara County	575996	CARMEN RD OVER GOLDEN HILL CREEK	X			X		
Niagara County	576082	LOCKPORT RD; TOWN LINE RD-BEAR RIDGE RD PHASE III					X	X
Niagara County	576166	TONAWANDA CRK RD REHAB; CAMPBELL TO ERIE CANAL BR, NIAGARA	X				X	X
Niagara County	576170	FISK RD; TRANSIT TO EAST CANAL RD, NIAGARA COUNTY					X	X
Niagara County	576179	WALMORE RD; RT 62 - LOCKPORT RD, NIAGARA COUNTY	X			X	X	X
Niagara County	576180	CHESTNUT RD OVER E TWELVE MILE CRK						X
Niagara County	501131	RT 93 & 425 BRIDGE OVER E. BRANCH 12 MILE CREEK				X		X
NYSDOT	501134	RT 93 (DYSINGER RD); NORTH SIDE SIDEWALK REPLACEMENT					X	X
NYSDOT	501135	RT 93/MURDER CREEK						X
NYSDOT	505111	LEWISTON / QUEENSTON BRIDGE PLAZA ACCESS RAMP	X	X			X	X
NYSDOT	513437	RT 5 @ BAYVIEW	X	X			X	X

Agency	PIN	Project Description	Area Parks	National Heritage	DEC Land	Historic	Remediation	Wetland
NYSDOT	558049	I-290 OVER NFTA CORRIDOR	X				X	X
NYSDOT	576190	NIAGARA GORGE CORRIDOR - ROBERT MOSES PARKWAY REMOVAL	X	X		X	X	X
NYSDOT	580995	RT 277, NEW SIDEWALK INSTALLATION; I-90 - RT 5	X			X		X
NYSDOT	581106	WALDEN AVE @ GALLERIA DRIVE INTERSECTION	X				X	X
NYSDOT	581250	RT 78; TERRACE BLVD-GEORGE URBAN BLVD & REMOVAL OF BIN 7030220	X			X	X	X
NYSDOT	581287	PMI-NY 240; POTTERS RD-CAZENOVIA CREEK	X				X	X
NYSDOT	581296	RT 5; I290 - WILLIAMSVILLE EVL	X			X		X
NYSDOT	581300	RT 5; RT 62 - I290	X			X		X
NYSDOT	581301	RT 324; EVANS/HOPKINS - RT 78	X			X		X
NYSDOT	581302	RT 20 (BROADWAY AVE); RT 78 - BOWEN RD	X			X	X	X
NYSDOT	581304	RT 400; RT 20A - JAMISON RD	X				X	X
NYSDOT	581305	951A (LASALLE EXPWY) EB & 957A (ROBERT MOSES PKWY) EB	X	X			X	X
NYSDOT	5V1732	RT 5; RT 78 - RT 324	X	X				X
NYSDOT	5V1742	RT 20; STURGEON POINT RD - AMSDELL RD	X				X	X
Miscellaneous	575779	NIAGARA GORGE BICYCLE/PED TRAIL	X	X		X	X	X
Miscellaneous	576085	PENDLETON RECREATIONAL PATHWAYS EXPANSION; TEP	X				X	X
Miscellaneous	576087	NEWSTEAD TRAILWAY EXPANSION PROJECT	X			X	X	X
Miscellaneous	576088	HOLLAND SIDEWALK CONNECTION & BEAUTIFICATION PROJECT; TEP	X					
Miscellaneous	576089	NEWFANE STREETSCAPE IMPROVEMENTS TEP				X		X
Miscellaneous	576092	WILLIAMSVILLE PICTURE MAIN ST TEP	X			X		X
Miscellaneous	576093	CLARENCE; RT 5; TRANSIT - SHERIDAN DR TEP	X	X				X
Miscellaneous	576101	RAILROAD QUIET ZONES; TOWN OF HAMBURG						
Miscellaneous	576106	LANCASTER TRANSPORTATION ALTERNATIVES PROJECT (TAP), 2014	X			X	X	X
Miscellaneous	576107	VILLAGE OF HAMBURG HEALTHY NEIGHBORHOOD CORRIDOR, TAP 2014	X		X		X	X
Miscellaneous	576110	CHEEKTOWAGA SAFE CROSSING PROJECT, TAP 2014	X					
Miscellaneous	576110	CHEEKTOWAGA SAFE CROSSING PROJECT, TAP 2014	X				X	X
Miscellaneous	576110	CHEEKTOWAGA SAFE CROSSING PROJECT, TAP 2014	X				X	X
Miscellaneous	576110	CHEEKTOWAGA SAFE CROSSING PROJECT, TAP 2014	X			X	X	X
Miscellaneous	576111	WEST RIVER CONNECTOR TRAIL, TAP 2014	X	X		X	X	X
Miscellaneous	593650	ENSMINGER RD; CSX NIAGARA	X				X	X
Miscellaneous	593651	FRANKLIN ST; CSX NIAGARA	X			X	X	X









Project Locations Relative to Environmental Justice

On December 14, 2012 the GBNRTC approved the Transportation Equity Statement and Title VI Plan (Resolution 2012-22). The document contains written procedures that demonstrate the Council's commitment to ensuring nondiscrimination based on grounds of race, color, sex, age, disability or national origin, within any of its activities, programs or projects as required by federal non-discrimination statutes, regulations, and orders.

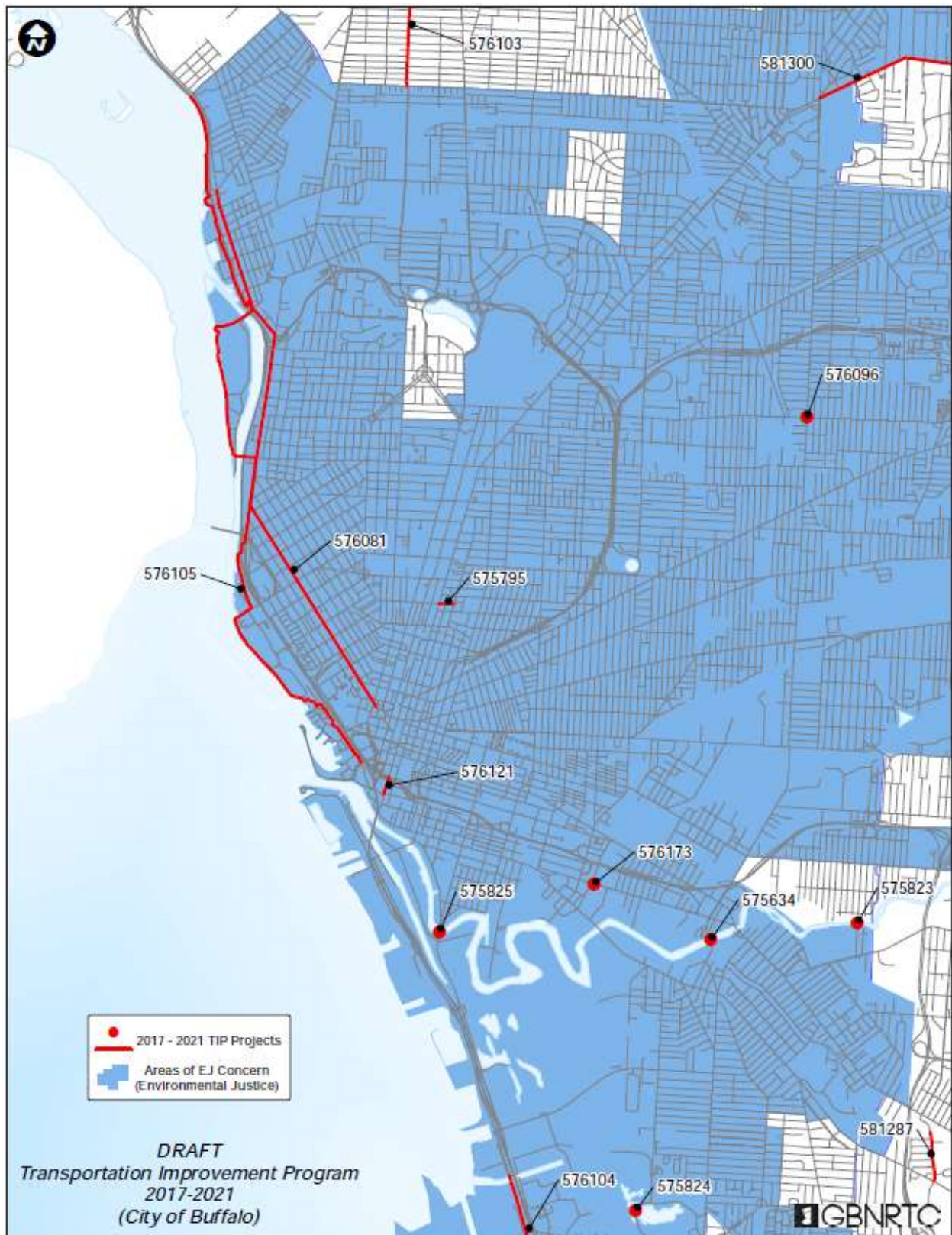
The following data was used in the development of Environmental Justice focus geographic areas:

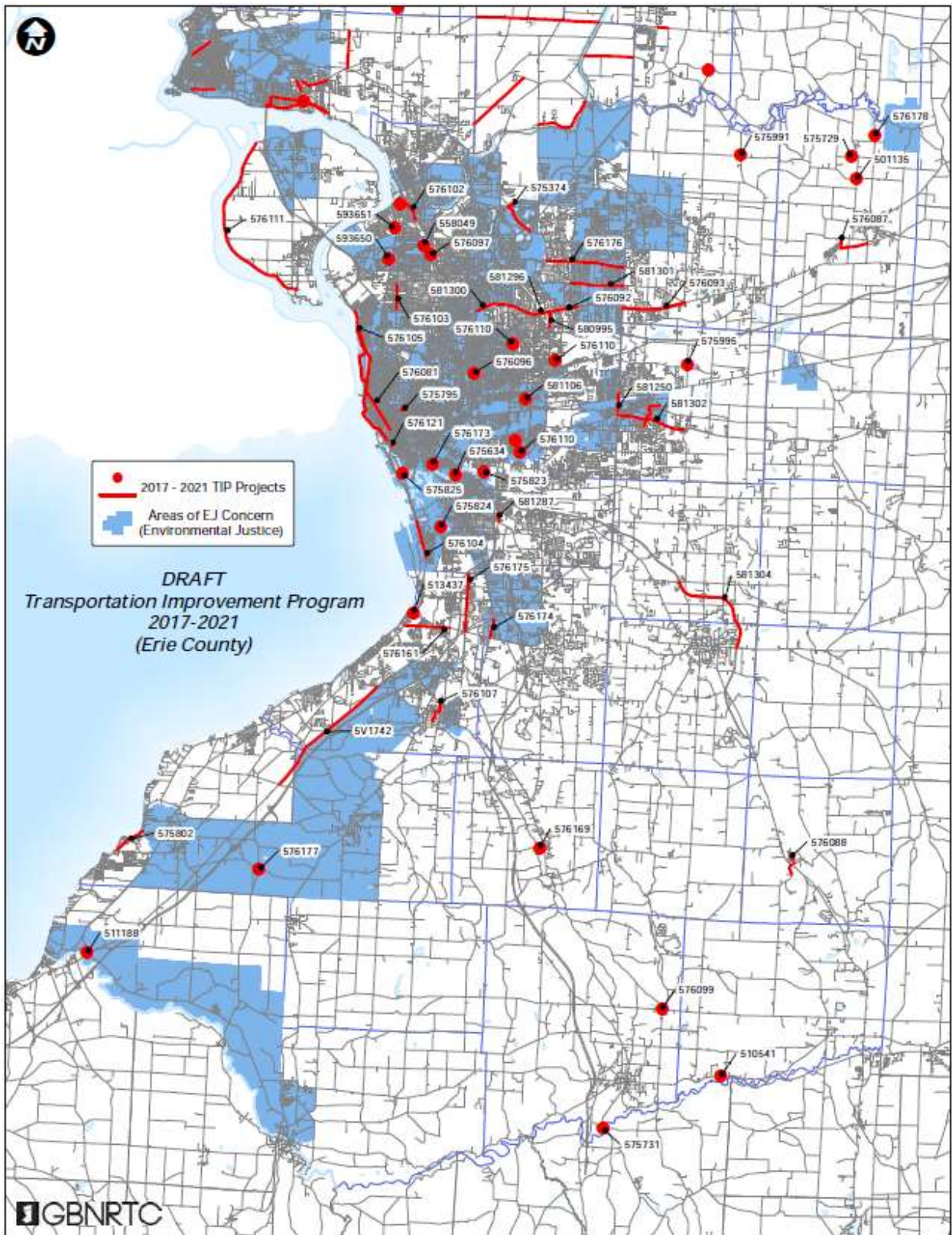
- Community Outreach and Participation - Meaningful participation of minority, low-income, LEP populations and others is a critical component to implementing Title VI/Environmental Justice. Through effective public participation the GBNRTC is able to identify and understand the needs of the community as a whole, and incorporate those needs into transportation plans and programs. The 2011 GBNRTC Public Participation Plan outlines public participation policies and procedures the GBNRTC uses to develop transportation plans and programs and describes effective strategies for encouraging the public to participate in planning activities.
- Social and Economic Data Mapping - Using U.S. Census data, the GBNRTC identifies the locations of traditionally underserved populations, including low-income, minority, and Limited English Proficiency (LEP) populations to create a social and economic profile of the two-county region. These demographic profiles are essential in creating an effective public engagement strategy and provide important building blocks for transportation studies and plans.
- Analysis and Assessment - The GBNRTC uses GIS and other tools and data sources to determine the needs of traditionally underserved communities and to assess how regional transportation programs and plans impact different population groups in the region.

TIP projects were then overlaid on top of the resulting data for additional analysis using Geographic Information Systems (GIS) software. The resulting maps are presented on the following pages.

To learn more about Environmental Justice, visit the GBNRTC web site:

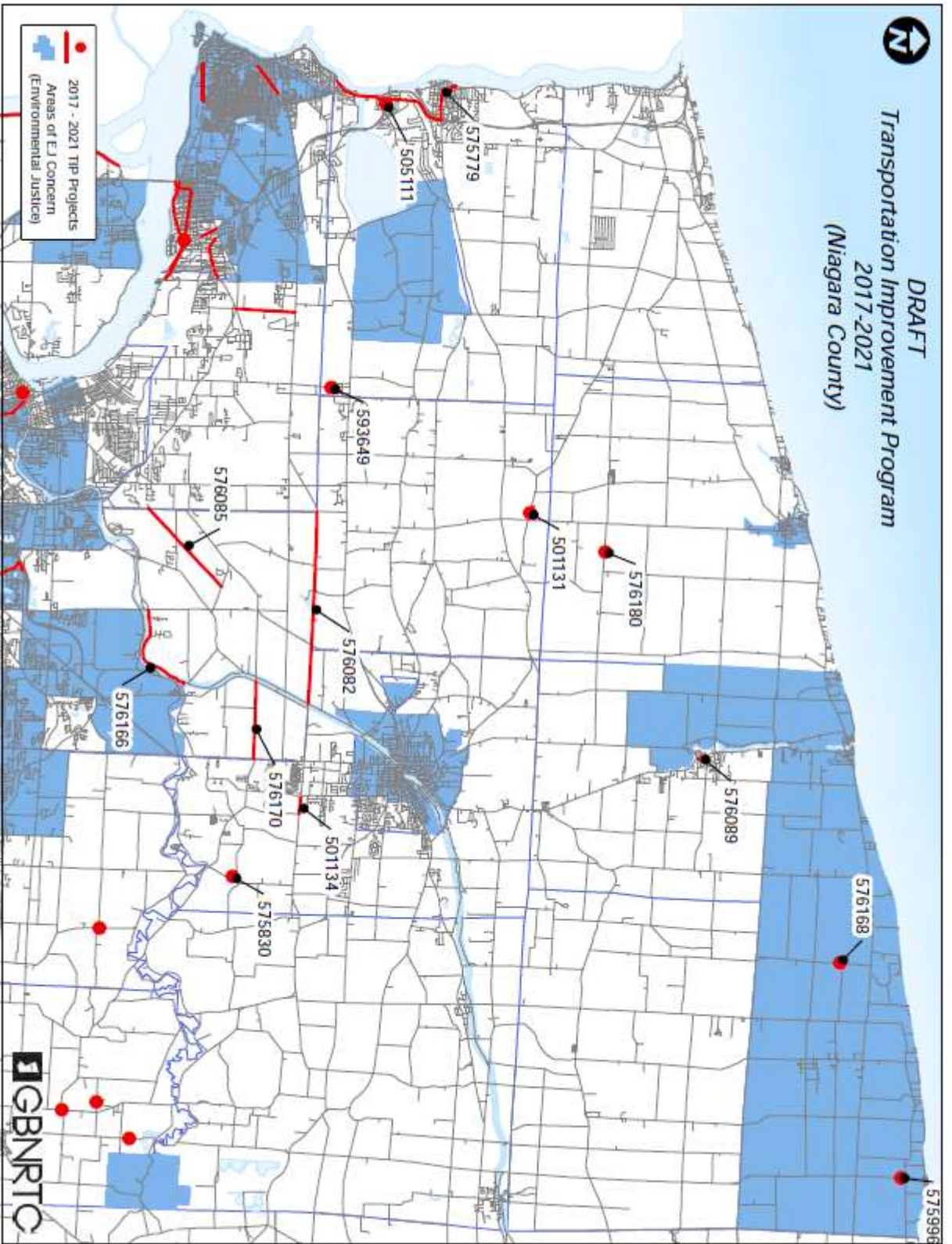
<http://www.gbnrtc.org/environmentaljusticetitlevi/>

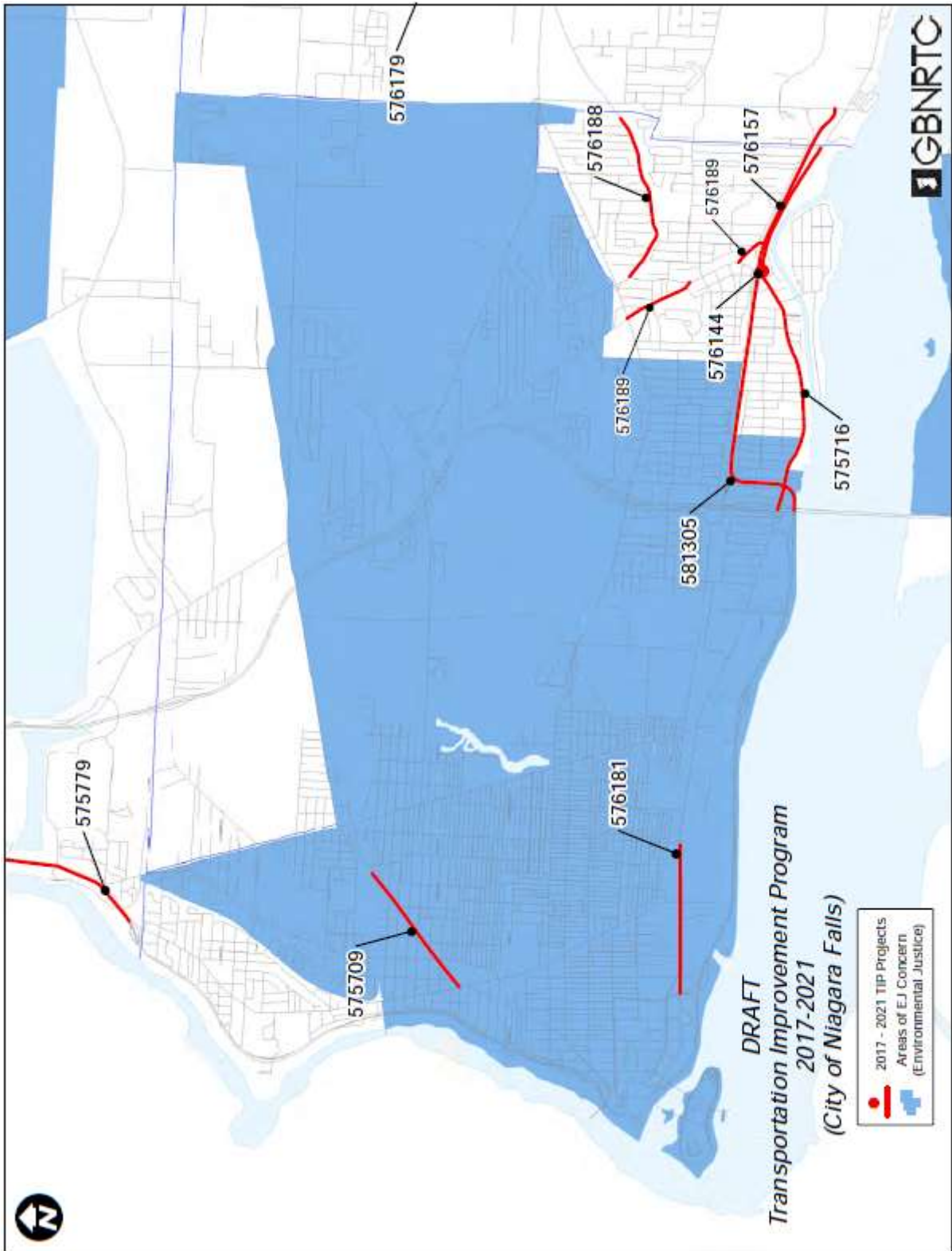






DRAFT
Transportation Improvement Program
2017-2021
(Niagara County)





Public Participation / Outreach Summary

The GBNRTC officially adopted an updated Public Participation Plan on December 12, 2011 specifying actions to be followed for certain GBNRTC activities. The policy specifically outlines the opportunities and process to be followed for development of the TIP. The community participation program seeks to provide continuing opportunities for individuals and community groups to participate in the planning process. Opportunities are provided for public input at all stages of planning and project development process. The efforts undertaken in the development of the 2017-2021 TIP are consistent with the GBNRTC official Public Participation Plan.

The public was made fully aware that comments received prior to the end of the public review and comment period would be addressed and made part of the GBNRTC's submission to NYSDOT, the Federal Highway Administration and the Federal Transit Administration. Only after all public comments were received and considered by the GBNRTC would the Policy Committee take action to approve the TIP.

Official Review Period and Policy Committee Action

For the 2017-2021 TIP development cycle, the public involvement and review period officially began May 2, 2016 and extended a minimum of thirty (30) calendar days as specified by the GBNRTC Public Participation Plan, through May 31, 2016. The official notice of the public review period was released via social media (email, website, Twitter and Facebook) and the draft TIP was made available electronically via the internet as well as in hardcopy at the GBNRTC offices. Efforts to inform the public are documented in this section.

The Planning and Coordinating Committee (PCC) was given a copy of all public feedback prior to their regular meeting on Wednesday, June 1, 2013, prior to making their program recommendations to the Policy Committee.

Advertising and Public Notification

On May 2, 2016, the GBNRTC published a notice of the 2017-2021 TIP public review and comment period on their website (<http://gbnrtc.org>). An email blast and social media (including Facebook, Twitter and LinkedIn) was used to advertise the availability of the notice.

The notice explained the development process of the TIP and the process for submitting public comments. The notice also announced the dates and locations for two (2) scheduled public informational meetings. A copy of the actual notice follows.

Downloadable versions and associated materials were also posted on the GBNRTC website. That same information was available for review in hardcopy at the GBNRTC offices during normal business hours beginning May 2, 2016.



Public Meeting Notice

2 UPCOMING PUBLIC MEETINGS ON DRAFT 2017 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

We will be holding two public meetings this month, one in **Buffalo on Monday, May 23rd** and the other in **Niagara Falls on Wednesday May 25th**, so residents from Erie and Niagara Counties can learn about and comment on the [draft 2017 - 2021 Transportation Improvement Program \(TIP\)](#).

[View meeting details.](#)

What is the Transportation Improvement Program (TIP)?

The [Transportation Improvement Program](#) is a priority listing of all federally funded transportation projects programmed for implementation during a 5-year period. The [draft 2017 - 2021 Transportation Improvement Program \(TIP\)](#) for Erie and Niagara Counties is currently available for public review and comment until **May 31st, 2016**.

Any comments on the draft TIP should be directed to Richard Guarino, Project Manager, at 716-856-2026 x307 (phone) or rquarino@gbnrtc.org (email).

Follow us:



2017 – 2021 TIP Notice and Information on GBNRTC Website

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Click on the headings below to learn more about the Transportation Improvement Program (TIP)

- + **WHAT IS THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP)?**
- + **CURRENT TIP**
- + **NEXT TIP (FFY 2017-2021)**

The TIP is a staged multi-year program of projects consistent with the long-range Metropolitan Transportation Plan (MTP). This region's TIP is developed cooperatively by a team led by the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) staff and New York State Department of Transportation Region 5 staff.

The development process for this region's 2017-2021 TIP encompasses the federal fiscal years beginning October 1, 2016 and concluding September 30, 2021.

The Draft 2017 - 2021 TIP is now available for public review and comment from May 2nd until May 31st, 2016.

Any comments on the draft TIP should be directed to Richard Guarino, Project Manager, at 716-856-2026 x107 (phone) or rguarino@gbnrtc.org (email).

View Draft 2017 - 2021 TIP Documents:

- [Draft 2017 - 2021 TIP \(text Only\)](#)
- [Draft 2017 - 2021 TIP \(Project Location Maps\)](#)
- [Draft 2017 - 2021 TIP \(Financial Information\)](#)

Documentation Forms

- [TIP Development Guidebook](#) - provides guidance for the TIP and outlines the TIP process.
- [Initial Project Proposal \(IPP\) Form](#) - Required Adobe Acrobat form for submitting project proposals. (Updated 10/30/15)
- [IPP Form Instructions](#) - Guide to filling out IPP forms. (Updated 10/14/15)

Open House Meetings

The GBNRTC hosted two public meetings in the region to share information and solicit community comment on the Draft 2014-2018 TIP. Public meetings were held at the dates, times and locations below:

- Public Meeting at the Buffalo and Erie County Public Library, 1 Lafayette Square, Buffalo, NY
 - 4:00pm –5:30 pm on Monday, May 23, 2016
- Public Meeting at the Earl W. Brydges Library, Niagara Falls, NY
 - 5:30pm –7:00 pm on Wednesday, May 25, 2016

GBNRTC Senior Transportation Analyst Richard Guarino opened each of the public meetings with a welcome and introduction. He then explained the TIP development and project selection process and funding implications of the TIP. Finally, he provided a summary of the program and highlighted local projects. After the formal presentation, the remainder of the meeting was devoted to public comments and questions. Numerous visual aides were provided including project listings and large format maps of project locations.

Upon request, after the Niagara Falls meeting, a copy of the Microsoft PowerPoint Presentation was made available on the GBNRTC web site.

2017 – 2021 TIP Facebook Posting Announcing Presentation Slides

Greater Buffalo-Niagara Regional Transportation Council
May 31 at 3:27pm · 🌐

We want to hear from you about future transportation projects in Buffalo Niagara. Today is the last day to submit your comments!
<http://ow.ly/4IyP300CJDP>

View Presentation from May 2016 Transportation Improvement Program (TIP) Public Meetings
This month we held 2 public meetings on the upcoming 2017-2021 Transportation Improvement Program (TIP). The slides presented at the meetings are now...

GBNRTC.ORG

2017 – 2021 TIP Public Meeting Sign-in Sheets

2017-2021 TIP PUBLIC MEETING
Central Branch Library (Buffalo)
Monday, May 23, 2016

PLEASE SIGN-IN

	<u>NAME</u>	<u>ADDRESS/EMAIL</u>
1.	Kathryn Stilwell	
2.	Lynn Magdol	CRT lmagdol@gmail
3.	Thomas Frank	TWFRANK@GMAIL.COM
4.	Christopher Church	christopher.church@... .com
5.	Susan Dayton	Susandayton@gmail.com
6.	Mark Kubice	MARKKUBI@HOTMAIL.COM
7.	Doug Fube	CRT @ DouglasFube@gmail.com
8.		

2017-2021 TIP PUBLIC MEETING
Earl Brydges Library (Niagara Falls)
Wednesday, May 25, 2016

PLEASE SIGN-IN

	<u>NAME</u>	<u>ADDRESS/EMAIL</u>
1.	Rosalie Trowman	1906 HYDE PK. 14305 ORR.
2.	Budd	6102 15th
3.	MARTIN GUBINO	91 HAVERFORD Amherst 514 343-1100 5467 Uppermountain Blvd, Lockport 14094 @yahoo.com
4.	James Graziano	Niagara County Digital Mental Health
5.	PAUL DYSER	626 ORCHARD RD NY, NY 14301
6.	Kevin Wing	Isabel Project director@project-bl.org
7.	Carol & Rich Schmelz	
8.	By Beth Brugner	498 Portage Rd 14305
9.	Rev Joline West	scottjpa@outlook.com
10.	Carol Schmelz	c.schmelz@ward.com Catholic Trail
11.	Kawanda Nelson	Kawanda.nelson@nhamc.org
12.	Frankie Kraft	frankie.kraft@nhamc.org
13.	Bob Beiten	bob777@yahoo.com

Summary of Comments received at Open House Public Meetings

The following is a summary of all public comments received during the 2017-2021 TIP public review which ran from May 2 to May 31, 2016. All comments received prompt replies which are also included.

5/2/16

I retired from public transit in Ohio and returned home to Buffalo. I was the delegate for my agency to the MPO there. We made extensive use of CMAQ funds to buy buses, build park-n-ride lots, install AVL and MDT's.

I am on NFTA's Citizen's Advisory Committee. I've asked about their use of CMAQ funds. NFTA's Tom George said Buffalo is not a non-attainment area and there are no CMAQ funds available in Buffalo. I was surprised to see CMAQ referenced in the draft TIP. This begs the question. If Buffalo is in compliance with clean air, how do you get CMAQ funds?

If indeed CMAQ is available in Buffalo, can NFTA get some?

It was always frustrating in OHIO when ODOT would get \$mega-million for new 8 lane interstate bridges (the most egregious example) and transit had to beg for money from the state. Thankfully, the MPO was more friendly to transit.

Dale Madison
Retired Deputy General Manager

Dale,

Thank you for taking the time to comment on the Draft TIP.

You are correct. The GBNRTC planning area is in compliance for air quality and does not receive direct allocations of CMAQ funds. However, the Planning Targets you are referencing include all of NYSDOT Region 5 including Chautauqua and Cattaraugus County. Jamestown is not in compliance and does still receive a small CMAQ allocation.

I hope I answered your question. Let me know if you have any others.

Rich

5/3/16

I appreciate the opportunity to communicate with you this morning. I have attended several community meetings as it relates to the Metro Improvements and Enhancements on the Niagara Corridor.

I have voiced to the designers and organizers the importance to ensure that the new systems and designs are inclusive to Hispanic Culture, Art, and the text, as well as voice communication on buses and stops is also important for the riders and frequent travelers on the metro Bus in these areas.

Casimiro Rodriguez
Hispanic Heritage Council of WNY Inc.

Casimiro,

Thank you for taking the time to comment on the Draft TIP.

Your comments have been noted and will be distributed to our member agencies.

Rich

I am having difficulties finding the TIP financial tables on the web site.

Dave Jaros

Dave,

Nice speaking with you.

I have included the financial tables that were posted yesterday for public review. Please be aware that while the projects will stay the same, their costs may change slightly before the final TIP is published as more information becomes available to us. The link to the tables can be found our website at: <http://www.gbnrtc.org/transportationimprovementprogram/>.

Just click the "+" to the left of "Next TIP FFY 2017-2021" and you will see the links to the document downloads. The most current version of the financial tables will always be available there.

Rich

I was reviewing the current TIP and noticed that the intersection of North French and Millersport in Getzville is not scheduled to see any improvements. Would you happen to know if there are any improvements under discussion or scheduled under the new 2017-2022 TIP? I saw that the schedule and plan has been released so I was hoping that there would be more information on this. If you could please let me know if this intersection is scheduled to see any improvements I would greatly appreciate it. Thank you.

David Tytko
Market Research Manager
Uniland

Charles F. Callahan

Marketing Assistant
Uniland

Responded via telephone call from Hal Morse to Mr. Tytko stating that after review with Erie County, there is no federal or county funded project in the segment or intersection in question

5/16/16

Where can I find the Catt county part of the region 5 draft TIP 2017 - 21.

Andrew Goldstein

Andrew,

Thank you for taking the time to comment on the 2017-2021 TIP.

The GBNRTC's planning area only includes Erie And Niagara Counties. Therefore, Cattaraugus County projects are not included in the TIP. NYSDOT projects in Cattaraugus County will be listed in the STIP (Statewide TIP) when it is published (around August).

Please let me know if you have any other questions.

Rich

I noticed several references to the TIP guidebook. Is there such a book and where can I get a copy.

Andrew Goldstein

Andrew,

It is available online, but is currently being updated (to include changes in the FAST Act, TIP development schedule, etc.) so some information may be dated or incorrect. The problem with putting things on paper is that they become obsolete the minute they are published!

Anyway, here is the link to the original document.

http://www.gbnrtc.org/s/TIP_Development_Guidebook_Final.pdf

Thanks again for the interest in the TIP.

Rich

I would like to meet and discuss TIP projects for the Town of Lockport. This would be future funding cycles as I see that the current plan is ready for public hearings.

It could be as simple as coffee so that I better understand your process of project selection and submittal.

Marc R. Smith
Coordinator of Economic Development
Town of Lockport

Marc:

Can we do 9AM on 5/23? We are at 438 Main Street, Suite 503 (across from Lafayette Square), we can review process, projects and data sources with Rich, our TIP manager. Stop in earlier if you want to chat informally about TNorth next steps also.

Hal

5/18/16

I am hoping to have additional information regarding the TIP for location #576181 on Buffalo Avenue in Niagara Falls, New York. There has been significant financial investment in and around this area over the last few years including our \$11mil hotel conversation located at John B Daly Blvd and Buffalo Avenue. Based on the information provided in the draft plan, it appears this stretch of Buffalo Avenue is slated to be addressed within the next five (5) years.

The roadway at it stands is in deplorable condition and needs attention immediately. With the reconfiguration of the Robert Moses Parkway and millions of dollars of investment being made in Downtown Niagara Falls this thoroughfare should be completed in the next 2-3 years. Would you be able to provide more information on the timeline of this particular location and any other information pertaining to its priority?

Matt Green
Director of Development
Lic. NYS Real Estate Broker
Element Development Group

Matt,

Thank you for your question and interest in the TIP.

I am referring your comments to Michael DeSantis from the City of Niagara Falls. Niagara Falls is the sponsor of the project and can answer your questions best.

Please let me know if you have any other questions.

Rich

Rich:

The section of roadway he would like improvements is a small section of Buffalo Ave. directly in front of the hotel, where Buffalo Ave turns into Rainbow Blvd. (4 lanes). I explained to him that section of Buffalo Ave is a considered a local street not part of Rt. 384 and not included in our TIP 576181.

If we can get additional funding, we would be happy to include that 2 lane section (@ 466') in our project.

Michael DeSantis

5/19/16

I am a former secretary for GBNRTC and presently a delegate for the Canalway Trail Association New York (CTANY). At the Canal meetings I attend in Lockport monthly it has been brought to my attention that a traffic signal is needed for the Canalway Trail at the Route 93 Bypass where State Street crosses it.

What needs to be done for this to happen?

I thought there were going to be public meetings next week to make comments about bike lanes on streets in Erie and Niagara Counties. My husband and I are avid bicyclists and would like to have input. If this is the case, could you please let me know? The website mentioned a big public input session at the library in Buffalo, but I'm not sure if this is the one we should attend to make comments about bicycle lanes on streets.

Please advise. Is there going to be a meeting in Niagara County?

Carol Schmelz
CTANY delegate for Erie, Niagara & Orleans Counties Chair
NYS Trails Council

Hi Carol.

It was nice meeting you in person last night. I thought it was a very good meeting and the group asked some great questions!

I spoke to the NYS Thruway authority about your Canalway Trail safety concern. They got back to me this morning and said that their construction group is going to add a signal to the project as an order on-contract. However, they are not sure of the current schedule for that.

I hope that I have answered your question and thank you again for your involvement and interest.

Have a great weekend.

Rich

(via Facebook) How bout metro rail (aka the train to no where) get set up to go in multiple direction instead of just a straight line. Extend metro bus further north then Lewiston further south of Orchard Park and east pass Cheektowaga. Not to mention have better bus service on current routes.

Robert Hughes

Robert, NFTA is responsible for scheduling service and routing buses. The TIP includes FTA money for the NFTA to replace buses, rehab light rail cars and maintain existing capital equipment and facilities.

5/20/16

I did not see the Scajaquada Corridor Project PIN #547022 on the Draft TIP.
<http://static1.squarespace.com/static/56ccbbfd3c44d8670dbd1d84/t/572cdf7701dbaed558e3aded/1462558583651/Summary+Final+Updated.pdf>

Is it listed under another project name or number?

Please let me know.

Thanks,
Mark Kubinieć

Mark,

Thank you for taking the time to comment on the 2017-2021 TIP.

You are correct - the Scajaquada Corridor project did not make the submission deadline for the new TIP's public review period. However, I have been told by NYSDOT that the project will soon be added as an amendment to the 2017-2021 TIP.

If you have any other questions, please let me know.

Rich

5/25/16

The State is pushing agencies who service people with intellectual disabilities to prepare/assist these individual to find apartments & jobs in the community. However, in Niagara Falls/County, public transportation is very poor. It takes 4 hours to get from the Falls to Lockport. What can NFTA do to improve this?

Staff who care for these individuals are often the working poor who cannot afford cars. The lack of public transportation prevents them from taking hours they are willing to work.

If, as I heard, Niagara County does not contribute towards the NFTA, what can Niagara County Self-Advocates Coalition do to lobby the county?

Many individuals in group homes would like to use public transportation to increase independence.

Sam Trowman
Opportunities Unlimited of Niagara

When they close my workshop in Niagara Falls and all of the others have to go to Lockport, can the NFTA help?

“Buddy” Wall

I spoke with Ms. Trowman on the telephone and discussed the Section 5310 program with her and indicated that GBNRTC has worked with Roxane Albond-Buchner, Manager of Communications at OUN on the Section 5310 program in the past. I also e-mailed the current NYSDOT Section 5310 Solicitation to both Rosalie and Roxane in case OUN was interested in applying for funds in this current cycle.

Within the Developmentally Disabled community, there is a movement to phase out sheltered workshops and have individuals employed in within the community-at-large. Public transportation to an existing sheltered workshop in Lockport, NY is limited which can be challenging for individuals trying to get to work there. Ms. Trowman and Buddy Wall, and OUN self-advocate who was also in attendance at the TIP Public Meeting, also expressed concern about transportation situation for individuals employed at the Lockport site once New York State closes the workshop. Currently there is not a specific date for the workshop to close, but I indicated that Section 5310 funding in a future round could be used to contract out with a transportation provider to get individuals to work there or OUN or another non-profit agency could apply for a vehicle(s) to address this gap in service.

In my follow-up e-mail after our telephone conversation, I provided Ms. Trowman with my contact details and encourage her or any representative from OUN to reach out to me if she had any additional questions.

Kelly Dixon

5/31/16

This letter summarizes our comments on the draft Transportation Improvement Plan (TIP) for 2017 – 2021 that was presented on 23 May 2016.

We are pleased that several initiatives are being undertaken to expand Buffalo’s light rail, specifically the Amherst Alternatives Analysis and the Cobblestone Study, are important first steps. We are also encouraged with NFTA efforts to apply limited available funds to enhance existing transit services and resources such as the new Metro fare collection system and the transit service plan study. We are also glad to see the efforts to procure new natural gas buses. This will help rectify the fact that a large percentage of NFTA buses are now beyond their useful life, a situation that reflects an under investment in transit over the past years. We are also pleased that other member agencies are sponsoring transit-related projects like the Niagara Street improvements.

We were confused to see that the TIP document distributed at the public meeting did not include any carryover projects like the Amherst Alternatives Study and Cobblestone Transit Initiative. We assume that these projects, both current and future phases, will be included in the final TIP.

We are disappointed that a new multimodal transportation center, needed to replace the obsolete and embarrassing Exchange Street Amtrak Station, is not included in the TIP. A downtown multimodal train station with connections to transit, intercity buses and the airport, as well as frequent train service to and from Niagara Falls is an important project that needs to be part of the plan, even if budgets are not yet identified.

It is important to the future success of our region and there is growing support for this project.

We have also advocated for an aerial gondola to the Outer Harbor and we look forward to the possibility of a sponsor who would apply to the GBNRTC for funds to study this project.

Finally, we did not see the Kensington Study recently announced by the Governor in the TIP. Based on answers at the presentation, we assume this will be added when more fully defined. We agree that the Kensington was a huge mistake and needs to be undone. The study needs to look at all alternative solutions to find one that best addresses the core problem: the need to deliver 70,000 cars through the east side everyday.

Based on the experience in Rochester with filling-in the “Inner Loop” a similar approach for the Kensington would cost far less than the \$700M estimated for covering a portion of the Kensington Expressway, potentially leaving money for extending the light rail that can move large numbers of people to and from the city without all the cars.

The One-Region-Forward (1RF) initiative concluded that it is important to prioritize public transportation throughout the region, including extending Buffalo’s light rail, and a rail connection between Buffalo and Niagara Falls. Our efforts and the TIP need to continue reflecting these priorities.

Thanks you for considering these comments. We would be happy to meet with you to discuss them, if desired.

Sincerely,

Douglas Funke
President, CRT

Doug,

Citizens for Regional Transit's comments have been received and will be circulated to member agencies for review and consideration. The final TIP document will contain all of the comments received.

Thank you for your continued participation in the 2017-2021 TIP development.

Rich

Qualifying Preventive/Corrective Maintenance Work Types

The major use of planning target funds must be for the programming of preventive/corrective maintenance projects.

Each Region receives a combined preventive/corrective maintenance investment target that applies to all assets. This preventive/corrective maintenance target is not a separate allocation, but rather a mandated use of the overall Planning Target. Qualifying costs shall include all project costs (Preliminary Engineering, Right of Way, Construction and Construction Inspection) and both on-system and off-system projects. The major use of planning target funds will continue to be the programming of preventive/corrective maintenance projects.

For Region 5, the preventive/corrective maintenance target is \$76,153,503.

The following tables, taken from NYSDOT TIP/STIP Policy Guidance and Instructions for the Update Period Beginning October 2016, 9/10/15, define qualifying maintenance activities for safety and system optimization, structure and pavement projects.

Safety & System Optimization (SSO) Work Types		
Preventive/Corrective Maintenance Actions	SOGR Needs	Signal Replacements
		Pavement Markings
		Overhead Sign Panel Replacement
		Ground Mounted Sign Replacement
		Guiderail
		Grade Crossing Replacements
		Closed Drainage Repairs
		CARDS (replacement of existing)
		SAFETAP
		SAFETAP Backlog
		Lighting Maintenance (R 8+10)
		ITS Maintenance Contracts
	SOHO Needs	Signal Maintenance Contracts
		TMC Ops + System Support
		HELP
		E-Screening
		Signal Re-Timing
		Misc. Lighting (e.g. Utility Bills Rs 8+10)
TMCs		
System Renewal or Modernization Actions	Enhancements	CARDS
		Pedestrian Countdown Timers
		SHARDS
		Regional PILs
		Statewide PILs (state)
		Statewide PILs (local)
		Safety Emphasis Areas
		New Grade Crossing Improvements
		Signal Electrical Disconnects
		TMC, ITS Enhancements
		Signal Timing + Coordination Initiative
		E-Screening

Structure Work Types		
Bridge Preventive/Corrective Maintenance	Cyclical	Clean Superstructure
		Clean Substructure
		Lube Bearings
		Seal Deck
		Paint
		Treat Deck
		Vertical down repairs
	Minor Rehab/Corrective Repairs/ Single Element Specific Repairs	Deck replacement/repairs where deck is rated 4 or less.
		Prestressed beam superstructure replacement when the Primary Member Rating ≤ 4 and the Substructure Recommendation is ≥ 5 (pier(s) and/or abutments).
		Rehab primary/secondary members
		Rehab curbs/sidewalks
		Wearing surface replacement
		Joint replacement
		Bearing replacement
		Rehab cap beams
		Rehab pier stems
		Rehab columns
		Rehab backwall
		Rehab stems (abutment)
		Rehab wingwalls
Rehab seats		
Replace members		
Rehab stems (pier)		
Bridge Renewal Justification required if CPIs 4.4 or age ≥ 50	Major Rehab	Combination of work types such as those described above under preservation which collectively exceed 50% of the bridge replacement cost Superstructure replacement where project cost exceeds 50% of the bridge replacement cost
	Replace bridges/new bridges	Full bridge replacement/new bridge
Large Culvert Maintenance	Preservation	Replacements where: Primary Member ≤ 4 and Construction Cost \leq \$0.6 million.

Pavement Work Type Categories		
Work Type Description	Category	
Crack Seal	PREV	Preventive and Corrective Maintenance
Pavement Preservation Thin Overlay	PREV	
Microsurfacing	PREV	
Paver Placed Surface Treatment	PREV	
6.3 mm Overlay	PREV	
Single Course HMA	PREV	
Single Course w/ T&L	COR	
CPR Light	COR	
Mill and Fill	COR	
Hot in Place	COR	
Mill and Fill w/ Joint Repair	COR	System Renewal
Cold Recycling w/ wearing surface	COR	
Mill and Fill w/ Overlay	REHAB	
Multi Mill and Fill w/ Joint Repair	REHAB	
2 Course HMA	REHAB	
Multi Course Saw and Seal	REHAB	
Cold Rec. w/ multiple course OL	REHAB	
CPR Heavy	REHAB	
Crack and Seal	REHAB	
Rubblize	RECON	
3 Course HMA	RECON	Definitions
Recon/Remove and Replace w/Asphalt	RECON	
Recon/Remove and Replace w/Concrete	RECON	
PREV	Preventive Maintenance slows deterioration by sealing the pavement surface; does not add significant structure.	
COR	Corrective Maintenance repairs minor deficiencies in the top of the pavement structure; may add nominal structural capacity.	
REHAB	Rehabilitation restores the pavement above the subbase to like-new condition; adds moderate structure to the pavement.	
RECON	Reconstruction creates or restores a new pavement structure.	

TIP Change Guidelines

Once a project becomes an official part of the TIP/STIP, any subsequent changes must comply with the accepted “Guidelines for Potential TIP Actions” approved on May 13, 2013.

The Transportation Projects Subcommittee (TPS), an administrative subcommittee established by the GBNRTC, is charged with addressing any and all issues pertaining to the development, maintenance and monitoring of the region’s Transportation Improvement Program (TIP). The TPS subsequently developed and approved a rigorous set of guidelines that provide an administrative framework to consistently guide subcommittee proceedings. With these guidelines the TPS manages all of the projects in the TIP and addresses funding shortfalls and changing levels of federal, state, and local funding. Strategies are often developed to advance projects when another is delayed. In addition, GBNRTC staff regularly convene local project meetings with NYSDOT and municipal representatives to review the status of every project in the program and set action items as appropriate to facility project deliveries according to published schedules. The TPS relies on consensus building and formal documentation of all subcommittee actions and posts such on the GBNRTC website. Monthly TPS meetings are open to the public.

All project changes must be reported at TPS. Any required documentation must be submitted by the project sponsor or NYSDOT local project liaison to the GBNRTC no later than one week before the monthly TPS meeting.

TIP/STIP projects may need to be modified for one or more of the following reasons:

- Addition of new projects to the TIP
- Deletion of existing projects from the TIP
- Cost or scope changes
- Funding source changes
- Scheduling changes
- Additions or deletions to a phase or the entire project

Change controls govern the procedures required to make changes to the TIP. Changes generally fall into one of three primary actions:

1. Regional Planning and Program Manager – Minor cost increases (under 25% and under \$150K). This change is approved by the NYSDOT Regional Planning and Program Manager and only requires a completed change form. All RPPM changes must be reported at the next TPS and PCC meeting.
2. Administrative Modification – Moderate changes in cost, scope, fund source or scheduling or a merger/separation of existing project(s). This change is approved by either PCC or Policy, depending on the change type and requires a completed change form and map (if scope is changed). Administrative Modifications that must be approved by PCC must first be recommended by TPS. Administrative Modifications do not require public review or a resolution.
3. Amendment – Major project changes, project additions (new projects) and deletions. Amendments require a twenty day public review which may be initiated by either TPS or PCC. All amendment requests must include a completed change form (if needed), an Initial Project Proposal (IPP) form (for new projects), a cover letter, a map and a resolution. A public notice and comment period of 20 days (non-transit) or 30-days (transit) is also required. Public notices are published via the GBNRTC web site, email blasts and social media. All public comments are

distributed to member agencies for review before final approval. All submitted paperwork is required to be part of the public notice.

All project changes must be approved by the appropriate responsible body (Regional Planning and Program Manager, TPS, PCC, Policy Committee) base on the type of change.

The most recent change guidelines are provided below.

Guidelines for Potential TIP Actions (Changes)

Type of Change	RESPONSIBILITY				
	RPPM ¹	TPS ²	PCC ³	PCC	Policy Committee
	Administrative Modification ⁴			Amendment ⁵	
I. Cost or Scope: Existing Project Phases⁶	Approve	---	---	---	---
(a) Under 25% and under \$150k	Recommend	Approve	---	---	---
(b) Over 25% or \$150k-\$500k ⁷	Recommend	Recommend	Approve	---	---
(c) Over 50% or over \$500k	---	Recommend	---	Approve	---
(d) Minor scope changes	---	Recommend	---	Recommend	Approve
(e) Significant scope changes ⁸	---	Recommend	---	Approve	Approve
II. Fund Source Change: Existing Project	Recommend	Approve	---	---	---
(a) Change between federal fund sources ⁹	---	Recommend	Approve	---	---
(b) Federal to non-federal fund <=\$150k	---	Recommend	Approve	---	---
(c) Non-federal to federal fund <=\$150k	---	Recommend	Approve	Approve	---
(d) Any other federal fund source change	---	Recommend	Recommend	Approve	---
III. Schedule Change: Existing Project	Recommend	Approve ¹¹	---	---	---
(a) All affected project work phases that are contained in the first four years of the TIP before and after the schedule change ¹⁰	---	Recommend	Approve	---	---
(b) Any other schedule change	---	Recommend	Approve	---	---
IV. Addition or Deletion: Phase or Project	Recommend	Recommend	Approve	---	---
(a) Addition of a new phase to existing project	Recommend	Recommend	Approve	---	---
(b) Deletion of a phase from an existing project	---	Recommend	---	Approve	---
(c) Addition of a new federally-funded project originating outside of the regional selection process	---	Recommend	---	Approve	---
(d) Addition of a new project ¹²	---	Recommend	---	Recommend	Approve ¹³
(e) Deletion of an existing project	---	Recommend	---	Recommend	Approve
(f) Merger or separation of existing projects ¹⁴	---	Approve	---	---	---

Notes

- 1 - RPPM = Regional Planning and Program Manager
- 2 - TPS = Transportation Projects Subcommittee
- 3 - PCC = Planning and Coordinating Committee
- 4 - Administrative Modifications include minor changes to project/project phase costs, minor changes to funding sources of previously-approved projects, and minor changes to project/project phase initiation dates. An administrative modification revision does not require public review and comment, re- demonstration of fiscal constraint, or a conformity determination.
- 5 - Amendments include the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes). An amendment requires public review and comment, re-demonstration of fiscal constraint, or a conformity determination.
- 6 - A project phase is a work element of the project such as preliminary/detailed design, right-of-way acquisition/incidentals or construction/inspection.

7 - Percentage change is calculated as the proposed cost increase of an individual phase over the original cumulative estimate for that phase.

8 - A significant scope change is defined as a substantial alteration to the project termini, type or original project intent.

9 - Change from a capital fund source to Metropolitan Planning Funds (PL) requires a UPWP amendment by the GBNRTC Policy Committee.

10 - This includes funds programmed in a previously approved TIP that were incorporated into a new Annual Element because they were not obligated by September 30 of that previous fiscal year.

11 - Project scheduling changes needed within 60 days of the end of the current Federal Fiscal Year may be approved by RPPM with a report to TPS at their next regularly scheduled meeting.

12 - Requires submission of an Initial Project Proposal (IPP) form.

13 - New projects originating from an approved TIP funding block consistent with block funding scope may be approved by the PCC following the public notice period. All other local project additions go to the Policy Committee for approval.

14 - Management techniques permitted if no change to original project work scopes, conformity classifications, fiscal constraint or scheduling.

Glossary of Transportation Terms

AMERICANS WITH DISABILITY ACT OF 1990 - Federal legislation which mandates changes in building codes, transportation, and hiring practices to prevent discrimination against persons with disabilities.

ANNUAL ELEMENT - the section of the Transportation Improvement Program which lists all transportation improvement projects proposed for the first year of the program.

BIKEWAY - any road, street, or path that is designated to accommodate bicycle travel. Bikeways do not have to be separated facilities and may be shared with other travel modes.

BEYOND PRESERVATION – projects that include system renewal projects that address bridge replacements and major rehabilitations; and pavement rehabilitations and reconstructions.

CAPACITY - transportation facility's ability to accommodate a moving stream of people or vehicles in a given time period.

CAPACITY DEFICIENCY - occurs when the number of vehicles on a roadway exceeds the desired level of service threshold volumes for that roadway.

CAPITAL COSTS - non-recurring or infrequently recurring costs of long-term assets, such as land, guideways, stations, buildings, and vehicles.

CLEAN AIR ACT AMENDMENTS OF 1990 - Congressional legislation with significant program reforms for transportation. Air quality standards and associated conformity regulations are established, along with requirements for the development of clean fuels, vehicles and their operations.

COLLECTORS - functional classification of streets which distribute trips from arterials and channel trips to arterials. Additionally, these roadways provide access and circulation within residential neighborhoods.

COMPLETE STREETS – are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities.

CONFORMITY - in non-attainment areas, the process of assessing the compliance of transportation plans and projects with air quality standards defined by the Clean Air Act.

CONGESTION - the volume of traffic at which transportation facility performance is no longer operating at an acceptable level of service.

CONGESTION MITIGATION AND AIR QUALITY - a funding program which provides funds for projects and activities which specifically reduce congestion and improve air quality.

DELAY - a unit of time measure reflecting driver discomfort, frustration, additional fuel consumption, and increased travel time.

EIS: ENVIRONMENTAL IMPACT STATEMENT - a detailed statement required (when applying for federal funds) by the Environmental Policy Act of 1969.

ENHANCEMENT PROJECTS - various scenic, historic and environmental activities eligible for project funding under the Surface Transportation Program (STP) element of Federal Transportation funding resources.

FEDERAL-AID SYSTEM - consists of roads which are eligible for either NHS (National Highway System) or STP (Surface Transportation Program) funding.

FEDERAL FISCAL YEAR - October 1 through September 30 of each year. Federal funding is provided by Federal Fiscal Year.

FHWA: FEDERAL HIGHWAY ADMINISTRATION - division of the U.S. Department of Transportation which administers the funds for highway planning and capital programs.

FORWARD FOUR – NYSDOT's Comprehensive Program Update incorporates the sustainability triple bottom line of economic competitiveness, social equity, and environmental stewardship in its investment decisions through its “Forward Four” guiding principles: Preservation First; System Not Projects; Maximize Return on Investments; and Make It Sustainable.

FREE FLOW - roadway conditions in which vehicles are almost completely unimpeded in their ability to maneuver within the traffic stream.

FAST ACT - the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. It was signed into law on December 4, 2015. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs.

FEDERAL TRANSIT ADMINISTRATION - division of the U.S. Department of Transportation which administers the funds for transit planning and capital/operating programs.

FUNCTIONAL CLASSIFICATION - the grouping of streets and highways into classes, or systems, according to the character of service they are intended to provide. Basic to this process is the recognition that roads do not function independently, but rather as a system-wide network of roads.

HIGH OCCUPANCY VEHICLES - vehicles carrying a specified minimum number of persons, usually three or more. Freeways may have lanes designated for HOV use by car-poolers, vanpools and buses.

INITIAL PROJECT PROPOSAL - A brief report documenting the concept for a project and concluding the project initiation stage.

INTELLIGENT TRANSPORTATION SYSTEMS - electronic, computer and communications technology applied to surface transportation to increase safety, reduce congestion, enhance mobility, minimize environmental impact, increase energy efficiency and promote economic productivity for a healthier economy.

INTERMODAL - a transportation system connecting or including different modes of transportation.

LAND USE - the manner in which land or the structures on the land are used (i.e., commercial, residential, industrial, etc.).

LET - In context, it means that a contract has been awarded; for instance, “a contract has been let for the construction of the new expressway.”

LEVEL OF SERVICE - the quality of flow in the moving stream of people or vehicles. Typically, ranges from LOS A (free flow traffic) to LOS F (stop-and-go unacceptable conditions).

LOCAL STREETS - functional classification for streets which are not on a higher functional classification system and provide the lowest level of mobility with through traffic movement being discouraged.

LONG-RANGE TRANSPORTATION PLAN - a 15 to 20 year forecast plan which must consider a wide range of social, environmental, energy and economic factors. The plan addresses overall regional goals and how transportation can best meet those goals within financial limits.

MAINTENANCE AREA - a previously designated non-attainment area in which air quality conformity analyses and determinations for long range plans and TIPs must continue for 20 years.

MAJOR METROPOLITAN TRANSPORTATION INVESTMENT - a high type highway or transit improvement of substantial cost that is expected to have a significant effect on capacity, traffic flow, level of service or mode share of the transportation corridor or sub-area scale. A MIS is required for such investments.

MAP-21: MOVING AHEAD FOR PROGRESS IN THE 21ST CENTURY ACT: a streamlined, performance-based, and multimodal surface transportation legislation program to address the many challenges facing the U.S. transportation system. It was signed into law by President Obama on July 6, 2012.

MATCHING FUNDS - funds which one funding source requires from others as a condition of receiving the funds from that funding source. Generally, the match is set as a percentage of the total project, or project phase cost.

METROPOLITAN PLANNING AREA - the region in which the MPO carries out its transportation planning responsibilities and is designated as such by the MPO and the Governor in accordance with ISTEA regulations. The GBNRTC's metropolitan boundary encompasses the entire Erie-Niagara region.

MINOR ARTERIALS - functional classification for those facilities which augment the Principal Arterial System and serve trips of moderate length. Minor Arterials put a greater emphasis on land access and less importance on mobility.

MIS: MAJOR INVESTMENT STUDY - as a subset of the regional transportation system planning process, a more detailed planning procedure to inform decision-makers of the impacts and consequences of various transportation options on a corridor or sub-area basis. The preferred strategy will be included as a refinement of the regional transportation system plan.

MOBILITY STRATEGIES - a set of innovative strategies to maximize the people-moving capability of the transportation system, while at the same time, reducing the number of vehicles on that system.

MODE - a particular form of travel, for example, walking or traveling by automobile, transit or bicycle.

MODE SPLIT - the process by which the number of trips that will be made by two or more modes of transportation is surveyed or estimated.

METROPOLITAN PLANNING ORGANIZATION - the agency designated by the Governor to administer the federally required transportation decision-making process in urbanized areas with a population over 50,000. The designated planning area for the GBNRTC is comprised of Erie and Niagara Counties. Core responsibilities include the Long Range Plan, the Transportation Improvement Program and the MPO forum for that decision-making.

NAAQS: NATIONAL AMBIENT AIR QUALITY STANDARDS - Federal standards developed by the Environmental Protection Agency (EPA) that set allowable concentration for various pollutants including carbon monoxide, transportation hydrocarbons, nitrogen oxides, and particulate matter.

NATIONAL HIGHWAY PERFORMANCE PROGRAM – The purposes of the National Highway Performance Program (NHPP) are (1) to provide support for the condition and performance of the National Highway System (NHS); (2) to provide support for the construction of new facilities on the NHS; and (3) to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.

NATIONAL HIGHWAY SYSTEM - a 155,000 mile interconnected system of roads, including 5,119 miles in New York State, authorized through ISTEA. Comprised of Interstate highways and roads designated as most

important to interstate travel, national defense, intermodal connections, and international crossings. Congressional approval of the NHS system was formalized by the National Highway System Act of 1995.

NON-ATTAINMENT AREA - any geographic region that has been designated as non-attainment due to a transportation related pollutant(s) that violates the national ambient air quality standard. The Clean Air Act requires that these areas perform air quality analyses and determinations to ensure conformity. (The Erie-Niagara Region has been in marginal non-attainment for ozone, but redesignation to a Maintenance Area is expected.)

OPERATING COST - the costs of actually operating a transportation system. These are separate from capital costs, and include such items as wages, fuel, oil, maintenance, etc.

OPERATING REVENUES - money received from users of a transportation system such as fares, tolls, charter fees, etc.

PEAK - the period during which the maximum amount of travel occurs. It may be specified as the morning (a.m.) or evening (p.m.) peak.

PERSON TRIP - a trip made by a person from a single origin to a single destination.

P.E.: PRELIMINARY ENGINEERING - the cost of preparing the detailed design of a project. P.E. entails not only survey, mapping, preparation of plans and contract documents, environmental analyses, all required public hearings, and any other required state or federal procedures, but may also include “right-of-way incidental activity” which is the field and office work preparatory to the actual purchase of property.

PRESERVATION FIRST – one of the Forward Four guiding principles that promotes an asset management strategy that invests in preservation of infrastructure using the right treatment at the right time in the life of the investment.

PRINCIPAL ARTERIALS - functional classification for high volume roadways which carry the major portion of daily trips to centers of activity in the metropolitan area. Principal arterials put a greater emphasis of mobility over access to land and include fully and partially controlled access facilities stratified into three categories, Interstates, Expressways and Streets.

PROGRAMMING - the designation of funds for transportation projects which when approved are included in the transportation improvement program (TIP).

PIN: PROJECT IDENTIFICATION NUMBER - identification number given to each project by NYSDOT.

PROJECT SCREENING - the process of considering and designating candidate projects for inclusion in the TIP.

PROJECT SELECTION - the advancement of programmed projects in the TIP, for commitment of specific Federal funds for those projects usually in the first (“annual element”) or second (“budget element”) years of a multi-year program.

PS&E: PLANS, SPECIFICATIONS AND ESTIMATES - the preliminary data submitted by the State to FHWA so that Federal funds are set aside for a specific highway project.

ROW: RIGHT-OF-WAY - land corridors needed for the construction of highways, transit facilities, railroads, etc.

SAFETEA-LU: SAFE ACCOUNTABLE, FLEXIBLE, EFFICIENT TRANSPORTATION EQUITY ACT – LEGACY FOR USERS – federal transportation legislation signed into law on August 10, 2005 that authorizes Federal funding through September 30, 2009 primarily for highway, highway safety and public transportation purposes. Two predecessor bills, the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and the

Transportation Equity Act for the 21st Century (TEA-21), helped shape the highway program to meet the Nation's changing transportation and infrastructure needs.

SEQR: STATE ENVIRONMENTAL QUALITY REVIEW ACT - sets state standards for environmental quality control.

SFY-STATE FISCAL YEAR - April 1 through March 31 of each year.

STP: SURFACE TRANSPORTATION PROGRAM - a new capital-funding program legislated by ISTEA for a variety of highway, transit, pedestrian and bicycle projects.

Sustainability: NYSDOT's sustainability vision is to exemplify how transportation supports a sustainable society by advancing environmental stewardship, economic competitiveness, and social equity in transportation decisions and actions.

TAZ: TRAFFIC ANALYSIS ZONE - the smallest geographically designated area for analysis of transportation activity.

TIP: TRANSPORTATION IMPROVEMENT PROGRAM - a capital investment program prepared by the MPO cooperatively with the State and transit operator that prioritizes transportation projects to be implemented with Federal funds over a five year period consistent with the Long-Range Transportation Plan.

TIP AMENDMENT - any change to a previously-approved TIP. May include the addition/deletion of significant right-of-way acquisition, significant capacity, new intermodal facilities, transit facilities upgrading, projects otherwise affecting travel patterns. Also less significant changes such as minor infrastructure projects and the replacement of transit equipment.

TRANSPORTATION NETWORK - a schematic representation of the roadway or transit system via a series of links and nodes in a computer database.

TRAVEL DEMAND FORECASTING - the technical process of estimating the number of future users by mode of a system and their particular travel times and routes.

TRIP ASSIGNMENT - the process of allocating highway and transit trips among the different facilities included in a network.

TRANSPORTATION DEMAND MANAGEMENT - programs and policies to reduce peak demand for transportation and to maximize efficient use of the transportation system. Such strategies may include HOV lanes, ride sharing and vanpooling, and congestion pricing.

TRIP DISTRIBUTION - the process of estimating the travel between traffic analysis zones.

TRIP GENERATION - the process of estimating trips that will be produced and/or attracted to a geographic unit based on the population and employment characteristics of that unit.

UPWP: UNIFIED PLANNING WORK PROGRAM - a description of the transportation planning work tasks and their funding sources for a period that usually covers twelve (12) month time span.

URBANIZED AREA - an area with a population of 50,000 or more designated by the U.S. Census Bureau.

VMT: VEHICLE MILES OF TRAVEL - that amount of vehicle travel on a designated set of roadways multiplied by the total mileage of those roadways.

Transportation Acronyms

ADA: Americans with Disability Act
AADT: Average Annual Daily Traffic
CMAQ: Congestion Mitigation and Air Quality Funds
CMS: Congestion Management System
FHWA: Federal Highway Administration
FAST: Fixing America's Surface Transportation
FTA: Federal Transit Administration
GBNRTC: Greater Buffalo-Niagara Regional Transportation Council
HOV: High Occupancy Vehicle
IPP: Initial Project Proposal
ITS: Intelligent Transportation System
LOS: Level of Service
LRP: Long Range Plan
MAP-21: Moving Ahead for Progress in the 21st Century
MIS: Major Investment Study
MPO: Metropolitan Planning Organization
NFTA: Niagara Frontier Transportation Authority
NHPP: National Highway Performance Program
NHS: National Highway System
NITTEC: Niagara International Transportation Technology Coalition
NYS DOT: New York State Department of Transportation
PCC: GBNRTC Planning and Coordinating Committee
PIN: Project Identification Number
Policy: GBNRTC Policy Committee
ROW: Right of Way
SOV: Single Occupant Vehicle
STIP: Statewide Transportation Improvement Program
STP: Surface Transportation Program
TAP: Transportation Alternatives Program
TAZ: Transportation Analysis Zone
TDM: Transportation Demand Management
TDP: Transit Development Program
TIP: Transportation Improvement Program
TMA: Transportation Management Area
TPS: GBNRTC Transportation Projects Subcommittee
UPWP: Unified Planning Work Program