

Syracuse Metropolitan Transportation Council

UPWP 2020-2021

Unified Planning Work Program



2020-2021 UNIFIED PLANNING WORK PROGRAM
FOR TRANSPORTATION PLANNING
in the
SYRACUSE
METROPOLITAN PLANNING AREA

Adopted by the Policy Committee of the
Syracuse Metropolitan Transportation Council

December 12, 2019

This document was adopted by the Syracuse Metropolitan Transportation Council (SMTC). The SMTC Member Agencies agree to the contents and will adhere to said document as necessary and to the best of their ability.

This document was prepared with financial assistance from the Federal Highway Administration and the Federal Transit Administration of the U.S. Department of Transportation through the New York State Department of Transportation. The SMTC is solely responsible for its content.

SYRACUSE METROPOLITAN TRANSPORTATION COUNCIL
2020-2021 UNIFIED PLANNING WORK PROGRAM

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
RESOLUTION	4
2020-2021 UNIFIED PLANNING WORK PROGRAM - PURPOSE	6
DEVELOPMENT OF THE UNIFIED PLANNING WORK PROGRAM	6
COUNCIL ORGANIZATION	7
SMTC POLICY COMMITTEE MEMBERS	8
SMTC COMMITTEE STRUCTURE	9
SMTC STAFFING	11
OPERATIONAL PROCEDURES AND BYLAWS	11
TITLE VI POLICY	11
UNIFIED PLANNING WORK PROGRAM FRAMEWORK	12
SUMMARY OF MAJOR PROGRAMMED ACTIVITIES	15
NYSAMPO SHARED COST INITIATIVES	18
2020-2021 UNIFIED PLANNING WORK PROGRAM OUTLINE	19
1. PROGRAM SUPPORT AND ADMINISTRATION	20
2. SHORT RANGE TRANSPORTATION PLANNING	26
3. LONG RANGE TRANSPORTATION PLANNING	31
4. TRANSPORTATION IMPROVEMENT PROGRAM	57
5. OTHER ACTIVITIES	59
6. BUDGET TABLES	61
<u>2020-2021</u>	
TABLE 1 - SUMMARY BUDGET	62
TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS ONLY	63
TABLE 3 - FHWA BUDGETS	64
TABLE 4 - FTA BUDGETS	65
TABLE 5 - TOTAL AUDITABLE BUDGET	66
TABLE 6 - STATEWIDE PLANNING & RESEARCH FUNDING	67
APPENDICES	
APPENDIX A (Other Significant Federally Funded Transportation Planning Activities - SPR)	68

RESOLUTION
SYRACUSE METROPOLITAN TRANSPORTATION COUNCIL
POLICY COMMITTEE

December 12, 2019

- WHEREAS,** In order to promote a coordinated, continuous and comprehensive transportation planning process in the Syracuse Metropolitan Area, which is comprised of Onondaga County and portions of Madison and Oswego counties, it has been found necessary to develop an annual Unified Planning Work Program (UPWP); and
- WHEREAS,** the Fixing America’s Surface Transportation (FAST Act) transportation authorization has committed funds for metropolitan transportation planning activities; and
- WHEREAS,** the SMTC Planning Committee has worked with the assistance of the Central Staff to develop a recommended UPWP so that the latest draft submitted herewith represents an accurate description of work to be undertaken and funds to be made available; and
- WHEREAS,** in recognition of the need to promote energy conservation and overall efficiency of the existing transportation system, the UPWP pursues work on several projects including (1) the Long Range Transportation Plan, and (2) the Transportation Improvement Program; and
- WHEREAS,** the Policy Committee is committed to assuring equal opportunity to all persons in the planning of transportation services and facilities; and
- WHEREAS,** in order to support these and other elements of the 2020-2021 UPWP, the Policy Committee continues its designation of the New York State Department of Transportation (NYSDOT) to be the grant applicant on behalf of the SMTC. The NYSDOT will apply for necessary regular program funding under the Federal Transit Administration (FTA) Section 5303 program, under the Federal Highway Administration (FHWA) “PL” transportation planning program and “SPR” program in amounts consistent with this approved UPWP.

NOW THEREFORE BE IT RESOLVED, that the Policy Committee adopts the 2020-2021 Unified Planning Work Program and the submission thereof to the appropriate Federal and State agencies and directs the filing of appropriate applications to support the program; and

BE IT FURTHER RESOLVED, that the Policy Committee authorizes the Planning Committee or the Executive Committee as appropriate, to make revisions and refinements in funding or responsibility to the UPWP as found necessary both to finalize and implement the UPWP consistent with its overall scale and program emphasis.

Done and ordered this 12th day of December 2019 by consensus of the SMTC Policy Committee.



Brian M. Schultz
Chairperson
SMTC Policy Committee



New York State Department of Transportation
Secretary
SMTC Policy Committee

Date: December 12, 2019

Date: December 12, 2019

SYRACUSE METROPOLITAN TRANSPORTATION COUNCIL

2020-2021 UNIFIED PLANNING WORK PROGRAM - PURPOSE

The Unified Planning Work Program (UPWP) incorporates in one document all transportation planning and directly supporting comprehensive planning activities in the Syracuse Metropolitan Area during State fiscal years 2020-2021 (April 1, 2020 - March 31, 2021). It is intended to provide a mechanism for the coordination of transportation planning efforts by local, State, and regional agencies through the Syracuse Metropolitan Transportation Council (SMTC).

The U.S. Department of Transportation (USDOT) and its modal administrations (i.e., the Federal Highway Administration [FHWA] and the Federal Transit Administration [FTA]) require this UPWP as a basis and condition for all funding assistance for transportation planning to State, local and regional agencies. The authority for this requirement is found in two separate Federal legislative acts establishing transportation planning programs:

1. Title 23, U.S. Code Section 134 (Federal Aid Highway Act of 1962, as amended)
2. Title 49, U.S. Code Section 1603 et. al.: (Urban Mass Transportation Act of 1964, as amended).

DEVELOPMENT OF THE UNIFIED PLANNING WORK PROGRAM

As the Metropolitan Planning Organization (MPO) designated by the Governor of the State of New York, the SMTC has the responsibility to carry out the continuous, comprehensive and cooperative transportation planning process for the Syracuse Metropolitan Area. This area consists of Onondaga County, the Town of Sullivan in Madison County, and the Towns of Hasting, Schroepfel, West Monroe and a small portion of Granby in Oswego County. The Unified Planning Work Program identifies the transportation planning activities which are to be undertaken in the SMTC study area in support of the goals, objectives and performance measures established in the Long Range Transportation Plan (LRTP), which was last adopted in September 2015. The Syracuse Metropolitan Transportation Council Central Staff, working with the Planning Committee and the New York State Department of Transportation (NYSDOT), initiates the process of developing the UPWP and prepares a final draft for both Planning and Policy Committee consideration. The intent in developing a comprehensive Work Program is to ensure that a coordinated transportation planning process occurs in the region, which will make positive contributions toward achievement of the established LRTP goals regarding facilities, freight movement, safety, security and resiliency, multi-modal accessibility and mobility, the environment, energy conservation and management, economy and land use. Additionally, staff works cooperatively with the Central New York Regional Planning and Development Board (the SMTC's administrative host) on a number of activities.

The Syracuse Metropolitan Transportation Council's Operations Plan outlines a framework for the UPWP that the Central Staff is expected to accomplish, and provides guidance with respect to a financial plan to support the Work Program. This 2020-2021 Work Program is intended to be consistent with the Operations Plan, as well as the metropolitan planning requirements of the Fixing America's Surface Transportation (FAST) Act and, its implementing regulations. The status of the current Work Program is reviewed monthly by the SMTC's Executive Committee to ensure that it is being carried out in a manner consistent with the MPO's goals. While it is the mission of the Central Staff and the Executive Committee to complete work efforts within a program year, task elements may be designed to span multiple fiscal years and therefore are carried into subsequent Work Programs to effect closure. Each year an estimate of transportation planning funds available for new programs is made. Policy direction and scope of the UPWP are developed with member agency participation based on their needs, consistent with the LRTP.

The staff, working with member agencies, establishes a list of candidate projects for inclusion in the next year's work program. Estimates of amounts and sources of funding needed to accomplish the planning program are developed. The Planning Committee then prioritizes the continuing program and the new projects. A draft UPWP is developed for Planning Committee review and recommendation of adoption to the Policy Committee. The Policy Committee has the final responsibility to adopt the UPWP.

COUNCIL ORGANIZATION

The Syracuse Metropolitan Transportation Council is organized to facilitate and encourage maximum interaction between local, State and Federal agencies involved in the transportation decision-making process. To accomplish this, a committee structure was adopted to include the following Committees:

Policy Committee

The Policy Committee consists of the elected and appointed officials representing local, State and Federal governments and other organizations/agencies having an interest or responsibility in comprehensive transportation planning in the Syracuse Metropolitan Planning Area. The primary responsibility of the Policy Committee is to establish policies for the overall conduct of the SMTC.

Planning Committee

The Planning Committee, which is established by the Policy Committee, is composed of the professional/technical representatives of both the Policy Committee members and public agencies having direct or indirect responsibility for transportation planning and/or implementation. Their primary responsibility is to monitor all technical activities including the annual development of a draft UPWP and Transportation Improvement Program (TIP) for recommendation to the Policy Committee. They also direct and consider for recommendation to the Policy Committee all major studies and planning activities.

Executive Committee

The Executive Committee is made up of Planning Committee members and provides oversight of the day-to-day operation of the Central Staff for financial management, personnel and other administrative requirements.

Additional Committees

An important element in the operation of the Planning Committee is the effective utilization of both formal and ad-hoc advisory committees to review and evaluate detailed Council issues and results of planning activities. The committees function principally to make recommendations to the Planning Committee on subjects directed to them by the Planning Committee, which require extensive evaluation and which would be inefficient to resolve by the full committee itself.

The Syracuse Metropolitan Transportation Council has a permanent Capital Projects Committee that is responsible for making recommendations to the full Planning Committee regarding project priorities to be funded by various Federal transportation programs and included in the TIP. Additionally, the SMTC typically develops a project specific Study Advisory Committee (SAC) for each of its planning activities.

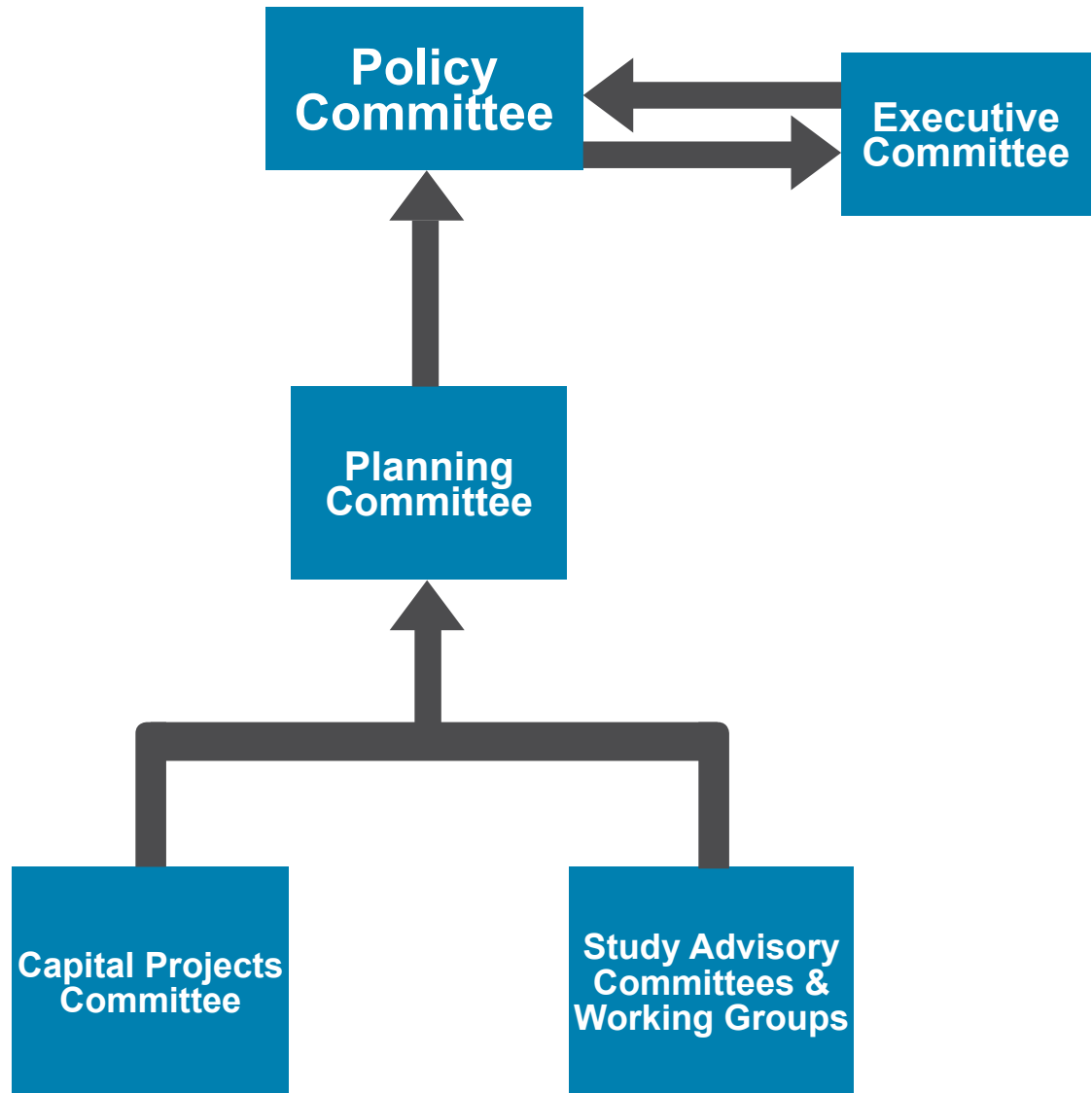
SMTIC POLICY COMMITTEE MEMBERS

- Central New York Regional Planning and Development Board
- Central New York Regional Transportation Authority
- CenterState Corporation for Economic Opportunity
- City of Syracuse, Mayor
- City of Syracuse, Common Council
- City of Syracuse, Planning Commission
- Empire State Development
- New York State Department of Environmental Conservation
- New York State Department of Transportation
- New York State Thruway Authority
- Onondaga County, County Executive
- Onondaga County, Legislature
- Onondaga County, Planning Board
- Federal Aviation Administration*
- Federal Highway Administration*
- Federal Transit Administration*
- Madison County Board of Supervisors, Chair*
- Onondaga Nation*
- Oswego County, Legislature*

* non-voting/advisory agencies

SMTC COMMITTEE STRUCTURE

Committee Structure



SMTC Staff carries out the work program under the direction of the Policy Committee.

Non-Voting Membership

The Syracuse Metropolitan Transportation Council maintains a non-voting membership category to accommodate agencies that have programs indirectly related to transportation and/or transportation planning. With the exception of voting on official Council business, these members are eligible to participate in Committee discussions and to receive all SMTC correspondence.

Organizational Objectives

In order to achieve the SMTC program goals and the detailed technical activities inherent in them, the SMTC organization has the following objectives:

1. Develop an administrative committee structure which will express and coordinate transportation planning and development values, policies, and goals as related to transportation requirements at all governmental levels;
2. Provide guidance to public and private decision-makers involved in immediate implementation and long-range activities;
3. Provide technical study programs and fulfill organizational responsibilities necessary to continue transportation plan development, study refinement, and research;
4. Provide for community review of the Long Range Transportation Plan and its sub-elements, resolve conflicts with community values, and obtain participation in updating and reevaluating the plan;
5. Monitor and evaluate changes in the metropolitan structure and identify growth problems, and update the plan as necessary; and
6. Promote the coordination of planning activities to implement the “continuing, comprehensive, cooperative planning” concept.

New York State Association of Metropolitan Planning Organizations

The Syracuse Metropolitan Transportation Council is an active participant in the New York State Association of Metropolitan Planning Organizations (NYSAMPO), which is a coalition of the 14 MPOs throughout New York along with NYSDOT, FHWA and FTA partners. Through this association, several working groups have been established that promote collaborative and comprehensive planning statewide. The working groups facilitate the sharing of best practices from within New York, as well as from other MPOs and state DOTs. Notable groups include Bicycle/Pedestrian, Freight, Safety, Transit, and Transportation Systems Management & Operations. The Syracuse Metropolitan Transportation Council will continue direct involvement and participation within NYSAMPO and the national Association of Metropolitan Planning Organizations (AMPO).

SMTC STAFFING

The work proposed under this UPWP will be accomplished primarily by the SMTC Central Staff, with the assistance and cooperative support of participating agencies (e.g., Central New York Regional Planning and Development Board [CNY RPDB], Central New York Regional Transportation Authority [CNYRTA], City of Syracuse, NYSDOT, Onondaga County, and the Syracuse-Onondaga County Planning Agency [SOCPA]) as well as the use of private consultants, where appropriate.

SMTC Central Staff

A permanent, multi-disciplinary professional staff has been assembled to carry out the major portion of the SMTC continuing transportation planning program. This staff, consisting of a Director, professional, technical and support personnel, will pursue specific SMTC work program task elements under the direction of the Executive Committee.

Onondaga County acts as the Host agency for the Central Staff operation and contracts with the CNY RPDB to administer the program. As part of the host's responsibility, an annual audit of the SMTC financial records is completed, as required by Federal regulations. The Central New York Regional Planning and Development Board also contributes technical support to the SMTC as needed.

Member Agencies

On occasion, and as recommended by the Central Staff Director, as identified in the UPWP, member agency staff may coordinate work activities with the SMTC Central staff.

OPERATIONAL PROCEDURES AND BYLAWS

The Syracuse Metropolitan Transportation Council operates under an adopted set of bylaws. Administrative and operational procedures are included in the SMTC Operations Plan and in the operational policies of the CNY RPDB.

Official records of SMTC business are maintained in the SMTC Administrative Offices located at 100 Clinton Square, 126 North Salina Street, Suite 100, Syracuse, NY 13202. All of the SMTC records are available for public inspection during normal business hours.

TITLE VI POLICY

The Syracuse Metropolitan Transportation Council is committed to ensuring that no person is excluded from participation in, or denied the benefits of, its metropolitan transportation planning process on the basis of race, color, national origin, sex, age, disability, low income or Limited English Proficiency status as protected by Title VI of the Civil Rights Act of 1964 and related statutes and regulations.

UNIFIED PLANNING WORK PROGRAM FRAMEWORK

The Unified Planning Work Program establishes the transportation planning activities and programs of the Metropolitan Planning Organization (MPO) to be carried out over the course of the work program year(s) (April through March). Other than administration, the basis of the work program is focused in three broad areas.

- I. Maintenance of a Transportation Improvement Program, which identifies projects and/or programs to receive various sources of Federal funds covering highway, transit, and intermodal facilities and programs.
- II. Maintenance and implementation of the Long Range Transportation Plan, which identifies priority transportation system deficiencies and feasible/appropriate methods for addressing those deficiencies in a fiscally constrained environment.
- III. Recognition of requirements established by USDOT regarding the national transportation planning priorities included in MAP-21 and the FAST Act. The ten planning factor requirements of the FAST Act are listed below.
 1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency (see tasks 3A, 3C, 3E, 3F, 3G, 3J, 3M, 3S, 4A);
 2. Increase the safety of the transportation system for motorized and non-motorized users (see tasks 3A, 3C, 3E, 3F, 3H, 3J, 3L, 3M, 3N, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3Y, 4A);
 3. Increase the security of the transportation system for motorized and non-motorized users see task 3E, 3F, 3P, 3Q);
 4. Increase the accessibility and mobility of people and for freight (see tasks 3A, 3F, 3G, 3J, 3L, 3M, 3N, 3O, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 3Y, 4A);
 5. Protect and enhance the environment, promote energy conservation, improve quality of life and promote consistency between transportation improvements and State and local planned growth and economic development patterns (see tasks 3A, 3C, 3E, 3F, 3G, 3J, 3M, 3R, 3S, 4A);
 6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight (see tasks 3A, 3D, 3F, 3G, 3H, 3L, 3M, 3S, 3T, 3U, 3V, 3Y, 4A);
 7. Promote efficient system management and operation (see tasks 3F, 3M, 3P, 3Q, 3S, 3V, 3W, 3X, 4A);
 8. Emphasize the preservation of the existing transportation system (see tasks 3B, 3F, 3M, 3S, 3T, 3U, 3V, 3X, 4A);
 9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation (see tasks 3C, 3E, 3F, 3P, 3Q, 4A); and
 10. Enhance travel and tourism (see tasks 3A, 3C, 3E, 3F, 3G, 3J, 3L, 3M, 3O, 3P, 3Q, 3T, 3U, 4A).

Each FAST Act planning factor is addressed to some degree within the various UPWP efforts. The Unified Planning Work Program task number(s) that follow each of the preceding planning factors address that specific factor. The following table illustrates the relationship between the 2020-2021 UPWP tasks and the federal planning factors. In many instances, a single UPWP task may address one or more planning factor.

Relationship between 2020-2021 UPWP Tasks and FAST Act Planning Factors

Task	Title	Economic vitality	Safety	Security	Accessibility and mobility	Environment, energy conservation, quality of life	Integration and connectivity	Management and operation	Preservation	Resiliency and reliability	Travel and tourism
1s	Program Administration	--	--	--	--	--	--	--	--	--	--
2A*	Census Data Compilation and/or Analysis	--	--	--	--	--	--	--	--	--	--
2B*	Data Collection, Compilation and/or Analysis	--	--	--	--	--	--	--	--	--	--
2C*	Geographic Information Systems (GIS) - SMTC	--	--	--	--	--	--	--	--	--	--
2D*	GIS - Member Agency Assistance	--	--	--	--	--	--	--	--	--	--
3A	Bicycle/Pedestrian Planning	X	X		X	X	X				X
3B	Bridge and Pavement Condition Management System (BPCMS)								X		
3C	I-81 Participation	X	X			X				X	X
3D	I-81 Travel Demand Modeling Project						X				
3E	MPO Area Regional Planning Initiatives	X	X	X		X				X	X
3F	Long Range Transportation Plan	X	X	X	X	X	X	X	X	X	X
3G	Rail, Truck and Transit Planning	X			X	X	X				X
3H	Traffic Safety		X				X				
3I*	Travel Demand Modeling	--	--	--	--	--	--	--	--	--	--
3J	Local Comprehensive Plan Assistance	X	X		X	X					X
3K*	City and OCDOT Traffic Count Programs	--	--	--	--	--	--	--	--	--	--
3L	City of Syracuse On Call Planning Support		X		X		X				X
3M	US Route 11 Corridor Study	X	X		X	X	X	X	X		X
3N	Safety Assessment and Analysis (City and County facilities)		X		X						
3O	CNY Recreational Heritage Trail Bike Corridor				X						X
3P	Joint TMC Co-Location - White Paper Evaluation		X	X	X			X		X	X
3Q	Dome Traffic Management & Events Strategic Plan		X	X	X			X		X	X
3R	Tuscarora Rd Corridor Study		X		X	X					
3S	US Route 11 Corridor Plan - Mattydale	X	X		X	X	X	X	X		
3T	Manlius Village Center Pedestrian Safety & Mobility Study		X		X		X		X		X
3U	Village of Skaneateles Pedestrian Safety & Access		X		X		X		X		X
3V	Syracuse Sidewalk Planning Study		X		X		X	X	X		
3W	Syracuse School Loading Zone Study		X		X			X			
3X	Syracuse Residential Parking Permit Study Phase 1				X			X	X		
3Y	Syracuse Safe Routes to School Manual		X		X		X				
4A	TIP Development and Maintenance	X	X		X	X	X	X	X	X	X
5A	Miscellaneous Activities and Special Technical Assistance	--	--	--	--	--	--	--	--	--	--

*Supportive effort for all tasks.

In addition to the ten planning factors, the FAST Act also contains the following national goals. Performance measures have been developed by USDOT to advance these goals. Beginning in early 2018, the SMTC has adopted targets for several performance measures (i.e., bridge and pavement conditions, freight, safety, system performance, and transit asset management). The Syracuse Metropolitan Transportation Council will continue to work with its state and federal partners to ensure all plans, projects and activities of the MPO are carried out in compliance with federal transportation authorizations.

1. Safety: Achieve reduction in fatalities and serious injuries on all public roads;
2. Infrastructure condition: Maintain highway infrastructure assets in state of good repair;
3. Congestion reduction: Achieve reduction in congestion on the National Highway System;
4. System reliability: Improve the efficiency of the surface transportation system;
5. Freight movement and economic viability: Improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development;
6. Environmental sustainability: Enhance the performance of the transportation system while protecting and enhancing the natural environment; and
7. Reduced project delivery delays: Reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion.

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2020-2021 Unified Planning Work Program is based on the SMTC's 2050 Long Range Transportation Plan, which was adopted by the Policy Committee in September, 2015. The Long Range Transportation Plan goals and objectives establish the planning priorities for the metropolitan area and are directly supportive of the planning factors and national goals outlined in the pages above. Emphasis has been placed on developing a program that can be reasonably accomplished with available staff and consultant resources and, which is in keeping with the priorities of the SMTC area. The 2050 Long Range Transportation Plan contains the following goals and associated objectives. The table on page 17 illustrates the relationship between the 2020-2021 UPWP tasks and the 2050 LRTP goals. In many instances, a single UPWP task relates to several goals.

- 1. Support efficient freight movement within our region.**
 - Maintain adequate infrastructure conditions on primary freight corridors.
 - Maintain a high degree of reliability on primary freight corridors.
 - Reduce congestion on primary freight corridors.
- 2. Increase the safety, security, and resiliency of the transportation system.**
 - Reduce serious injuries and fatalities from vehicle crashes.
 - Reduce pedestrian and bicycle crashes.
 - Reduce the number of height- and weight-restricted bridges, especially along primary freight and commuter corridors.
- 3. Provide a high degree of multi-modal accessibility and mobility for individuals. This should include better integration and connectivity between modes of travel.**
 - Reduce congestion in priority commuter corridors as appropriate based on the character of the adjacent development.
 - Provide essential transit service to urban and suburban areas.
 - Provide higher-quality transit service to TOD nodes throughout the community.
 - Provide more on-road bicycle facilities throughout the community.
 - Provide more trails to connect destinations throughout the community, including the completion of existing regional and local trail systems.
 - Provide more pedestrian facilities to connect destinations throughout the community.
- 4. Protect and enhance the natural environment and support energy conservation and management.**
 - Reduce VMT in the region.
 - Reduce on-road source mobile emissions.
 - Increase the percentage of commute trips made by bicycling or walking.
 - Increase the percentage of commute trips made by transit.
 - Increase the availability of alternative fueling and electric charging stations.
- 5. Improve the reliability of the transportation system and promote efficient system management and operations.**
 - Maintain a high degree of reliability on primary commuter corridors.
 - Improve transit on-time performance.
 - Improve utilization of transit vehicles.
 - Increase the use of park-and-ride lots.
 - Implement TDM strategies, with a focus on strategies for downtown and University Hill that have been recommended through previous SMTC studies.

- 6. Strategically preserve our existing infrastructure and focus future investment in areas that are already served by significant public infrastructure investments.**
 - Preserve and maintain pavements.
 - Preserve and maintain bridges.
 - Preserve and maintain ancillary transportation structures (culverts, etc.).
 - Preserve and maintain rail infrastructure.
 - Preserve and maintain pedestrian facilities.
- 7. Ensure that transportation system performance improvements are distributed equitably.**
 - Improve transit service between employment centers and priority target areas (as identified in SMTTC's Environmental Justice Analysis).
 - Ensure that pavement conditions within priority target areas are at or above regional averages.
 - Provide accessible sidewalks and curb ramps, in accordance with ADA requirements.

MAP-21, FAST Act and other Federal legislation (1990 Clean Air Act Amendments and Americans With Disabilities Act of 1990) significantly impact the manner in which the cooperative, continuous and comprehensive transportation planning process is administered. Among the opportunities are funding flexibility, intermodal planning, protection of the environment and the maintenance and preservation of existing transportation infrastructure. The performance-based and outcome-driven approach to metropolitan transportation planning specified in MAP-21, and continued in the FAST Act that was signed into law in December, 2015, is applied within the functions of the SMTTC.

Tasks within this Work Program are organized into several major categories to facilitate review and management as follows:

1. Program Support and Administration

This category includes general administration, UPWP maintenance and development and public participation. In addition, funding is included for the staff to become educated on federal legislation and requirements.

2. Short Range Transportation Planning

This category includes projects which could be implemented in a shorter timeframe and includes activities related to the Census data, transit and vehicle data collection and Geographic Information Systems (GIS) activities.

3. Long Range Transportation Planning

The majority of UPWP projects that fall under this category are either annual activities or projects that tend to take longer to complete.

4. Transportation Improvement Program (TIP)

This category includes various tasks associated with the administration and maintenance of the TIP, which identifies projects and programs to receive various sources of Federal funds covering air quality, highway, transit, and intermodal facilities and programs.

5. Other Activities

This category includes miscellaneous activities and special technical assistance not otherwise covered.

Preliminary schedules for completing each project are included in this document and are subject to change. In many instances, tasks are recurring, ongoing items that take place every program year or, efforts that require multiple program years to complete. Further, Scopes of Work are developed for new planning tasks before any work activity is initiated. Actual schedules are created once specific scope of work items are known.

Relationship between 2020-2021 UPWP Tasks and 2050 LRTP Goals

Task	Title	Efficient freight movement	Safety, security, resiliency	Multi-modal accessibility and mobility	Natural environment and energy conservation	Reliability, efficient system management and operations	Preservation of existing infrastructure	Equity
1s	Program Administration	--	--	--	--	--	--	--
2A*	Census Data Compilation and/or Analysis	--	--	--	--	--	--	--
2B*	Data Collection, Compilation and/or Analysis	--	--	--	--	--	--	--
2C*	Geographic Information Systems (GIS) - SMTc	--	--	--	--	--	--	--
2D*	GIS - Member Agency Assistance	--	--	--	--	--	--	--
3A	Bicycle/Pedestrian Planning		X	X	X		X	X
3B	Bridge and Pavement Condition Management System (BPCMS)						X	X
3C	I-81 Participation	X	X		X	X		
3D	I-81 Travel Demand Modeling Project			X				
3E	MPO Area Regional Planning Initiatives		X		X	X		
3F	Long Range Transportation Plan	X	X	X	X	X	X	X
3G	Rail, Truck and Transit Planning	X	X	X	X	X	X	X
3H	Traffic Safety		X					
3I*	Travel Demand Modeling	--	--	--	--	--	--	--
3J	Local Comprehensive Plan Assistance		X	X	X			
3K*	City and OCDOT Traffic Count Programs	--	--	--	--	--	--	--
3L	City of Syracuse On Call Planning Support		X	X			X	
3M	US Route 11 Corridor Study		X	X	X	X	X	
3N	Safety Assessment and Analysis (City and County facilities)		X	X				
3O	CNY Recreational Heritage Trail Bike Corridor			X				
3P	Joint TMC Co-Location - White Paper Evaluation	X	X			X		
3Q	Dome Traffic Management & Events Strategic Plan	X	X	X		X		
3R	Tuscarora Rd Corridor Study		X	X	X			
3S	US Route 11 Corridor Plan - Mattydale		X	X				
3T	Manlius Village Center Pedestrian Safety & Mobility Study		X	X				
3U	Village of Skaneateles Pedestrian Safety & Access		X	X				
3V	Syracuse Sidewalk Planning Study		X	X		X		X
3W	Syracuse School Loading Zone Study		X	X		X		X
3X	Syracuse Residential Parking Permit Study Phase 1					X	X	
3Y	Syracuse Safe Routes to School Manual		X	X				X
4A	TIP Development and Maintenance	X	X	X	X	X	X	X
5A	Miscellaneous Activities and Special Technical Assistance	--	--	--	--	--	--	--

*Supportive effort for all tasks.

NEW YORK STATE ASSOCIATION OF METROPOLITAN PLANNING ORGANIZATIONS

SHARED COST INITIATIVES

As part of the UPWP development each year, the various MPOs in New York State (i.e., NYSAMPO) collectively reserve a limited amount of federal transportation planning funds to fund a series of statewide shared cost initiatives (SCI) and pay annual dues to the Association of Metropolitan Planning Organizations (AMPO). The Syracuse Metropolitan Transportation Council's federal allocation accounted for in the UPWP budget tables does not include the set-aside for these SCI projects, as the allocation was previously adjusted proportionally by NYSDOT. In addition, the SMTC's FHWA allocation has also been adjusted to account for the annual AMPO dues. As available, the NYSDOT has made FHWA SPR funds available to NYSAMPO to supplement SCIs funded with FHWA PL and FTA MPP funds, as reflected in the list below. The Shared Cost Initiative projects are outlined below for 2020-2021. The Syracuse Metropolitan Transportation Council fully supports and participates in the SCI program statewide.

NYSAMPO Staff Support

Objective: Provide administrative and technical support for NYSAMPO efforts, including working groups.

Cost: \$250,000 (\$150,000 FHWA PL and \$100,000 NYSDOT SPR)

Lead Agency: Capital District Transportation Committee

NYSAMPO Staff Training

Objective: Provide relevant training and professional development opportunities for the staffs and member agencies of MPOs.

Cost: \$92,513 FHWA PL and \$20,923 FTA MPP/\$5,231 NYSDOT Match (In-Kind Service)

Lead Agency: Genesee Transportation Council

AMPO Dues

Objective: Ensure that MPOs are aware of and considered in the development of national transportation policy.

Cost: \$41,292 (FHWA PL)

Lead Agency: Binghamton Metropolitan Transportation Study

2020-2021
UPWP
PROGRAM OUTLINE

ID	Category	2020-2021			Notes
		Project Total	Staff & Operating Expense Budget	Contractual Budget	
1.	Program Administration and Support (44.21.00)				
A.	General Administration	\$265,000	\$185,000	\$80,000	Contractual for Host Agency Agreement
B.	Public Participation and Web Site Update	\$18,000	\$15,000	\$3,000	
C.	Federal Transportation Legislation Examination and Evaluation	\$5,000	\$5,000	\$0	For legislative compliance
D.	UPWP Previous Year Closeouts	\$5,000	\$5,000	\$0	
E.	UPWP Maintenance and Development	\$10,000	\$10,000	\$0	
	Total Program Administration & Support	\$303,000	\$220,000	\$83,000	
2.	Short-Range Transportation Planning (44.24.00)				
A.	Census Data Compilation and/or Analysis	\$5,000	\$5,000	\$0	
B.	Data Collection, Compilation and/or Analysis	\$40,000	\$25,000	\$15,000	
C.	Geographic Information Systems - SMTC	\$50,000	\$50,000	\$0	
D.	Geographic Information Systems - Member Agency Assistance	\$30,000	\$30,000	\$0	Purpose is to provide GIS services to Member Agencies related to regional planning
	Total Short-Range Transportation Planning	\$125,000	\$110,000	\$15,000	
3.	Long-Range Transportation Planning (44.23.02)				
A.	Bicycle/Pedestrian Planning	\$45,000	\$25,000	\$20,000	Includes Bike Map consultant costs
B.	Bridge and Pavement Condition Management System (BPCMS)	\$20,000	\$20,000	\$0	
C.	I-81 Participation	\$5,000	\$5,000	\$0	NYSDOT Removed all statewide funding for this effort from the SPR program. This results in an inadequate amount of funding if this item is required. Note: There is limited funding programmed to this activity. Should a request be made, SMTC staff, working with NYSDOT, will seek to procure SPR funding and will amend the UPWP as appropriate at such time
D.	I-81 Travel Demand Modeling Project	\$5,000	\$5,000	\$0	
E.	MPO Area Regional Planning Initiatives	\$30,000	\$30,000	\$0	
F.	Long-Range Transportation Plan/Performance Based Planning (includes asset inventory & funding strategy and other research items)	\$30,000	\$30,000	\$0	
G.	Rail, Truck and Transit Planning (includes freight outreach, route/sign inventory & mapping)	\$30,000	\$30,000	\$0	
H.	Traffic Safety	\$10,000	\$10,000	\$0	
I.	Travel Demand Modeling	\$55,000	\$35,000	\$20,000	Contractual for Modeling Assistance as necessary for staff assistance
J.	Local Comprehensive Plan Assistance	\$50,000	\$50,000	\$0	
K.	City and OCDOT Traffic Count Programs (recurring)	\$25,000	\$15,000	\$10,000	Recurrent effort to count segments over a 4 - 5 year cycle
L.	City of Syracuse on call Planning Support - various activities	\$30,000	\$30,000	\$0	
M.	U.S. Route 11 Corridor Study Cicero	\$20,000	\$20,000		
N.	Safety Assessment and Analysis (City and County facilities)	\$25,000	\$25,000		
O.	CNY Recreational Heritage Trail Bike Corridor - Planning Assistance	\$20,000	\$20,000		
P.	Joint TMC Co Location - White Paper Evaluation	\$40,000	\$40,000		
Q.	Dome Traffic Management and Events Strategic Plan	\$25,000	\$25,000		Plus \$400,000 in SPR Funding
R.	Tuscarora Road Corridor Study	\$40,000	\$40,000		
S.	U.S. Route 11 Corridor Plan - Mattydale	\$40,000	\$40,000		
T.	Manlius Village Center Pedestrian Safety & Mobility Study	\$40,000	\$40,000		
U.	Village of Skaneateles Pedestrian Safety and Access	\$40,000	\$40,000		
V.	Syracuse Sidewalk Planning Study	\$40,000	\$40,000		
W.	Syracuse School Loading Zone Study	\$35,000	\$35,000		
X.	Syracuse Residential Parking Permits Study Phase 1	\$30,000	\$30,000		
Y.	Syracuse - Safe Routes to School Manual (begins late in program year)	\$5,000	\$5,000		
	Total Long-Range Transportation Planning	\$735,000	\$685,000	\$50,000	
4.	Transportation Improvement Program (TIP) (44.25.00)				
A.	TIP Development & Maintenance	\$30,000	\$30,000	\$0	
	Total Transportation Improvement Program	\$30,000	\$30,000	\$0	
5.	Other Activities (44.27.00)				
A.	Miscellaneous Activities and Special Technical Assistance	\$50,224	\$50,224	\$0	
	Total Other Activities	\$50,224	\$50,224	\$0	
	Grand Total Traditional Funding	\$1,243,224	\$1,095,224	\$148,000	

SPR Expenses for I-81 EIS/NEPA Modeling (Removed from NYSDOT Program)	\$0
SPR Expenses for Dome Events Plan	\$400,000
Total SMTC Program Cost	\$1,643,224

Please note: Where contractual dollars are indicated no FTA monies are involved in contracts unless specified

Allocations / Resources: All fund sources except in-kind services.	
FHWA	\$1,008,755
FTA	\$234,469
FTA Rollover	\$0
SPR Monies from NYSDOT for expenditure on Dome Events Plan Only	\$400,000
FHWA Carry Over Funds (from 2019 - 2020 unspent anticipated)	\$0
Total Resources Available	\$1,643,224

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

1. **PROGRAM SUPPORT and ADMINISTRATION (44.21.00)**

- 1A. General Administration
- 1B. Public Participation and Website Update
- 1C. Federal Transportation Legislation Examination & Evaluation
- 1D. UPWP Previous Year Closeouts
- 1E. UPWP Maintenance and Development

UPWP TASK NO:	1A	
TASK TITLE:	General Administration	
OBJECTIVE:	To initiate and properly manage the transportation planning process, ensuring that it is continuous, cooperative, and comprehensive, and in compliance with applicable State and Federal laws and regulations.	
METHODOLOGY: <p>The Syracuse Metropolitan Transportation Council provides staff support to the Policy, Executive, and Planning Committees, in addition to other permanent and ad-hoc committees. The Staff will implement the work tasks as contained in this UPWP. Other administrative activities include, but are not limited to the following:</p> <ul style="list-style-type: none"> ▪ Act as local liaison to NYSDOT, CNYRTA, CNY RPDB, and other transportation related agencies to ensure coordination; ▪ Provide administrative support and technical assistance to the Policy, Executive, and Planning Committees, as well as other permanent and ad-hoc committees, as needed; ▪ Maintain financial records of all revenues and expenditures; ▪ Prepare and distribute meeting notices and agenda packages for all SMTC committees; ▪ Prepare certification documentation, agreements, resolutions, memoranda of understanding (MOUs), etc.; ▪ Attend NYSDOT, FHWA, FTA and MPO training sessions and other necessary workshops and meetings as appropriate; ▪ Maintain agreements between local governmental agencies and the MPO; ▪ Prepare and distribute quarterly and semi-annual progress reports and other documents as required; ▪ Interact/participate in NYSAMPO, ITE, APA and other professional affiliations, and allow for appropriate resources, travel and training as necessary; ▪ Provide funds for the purchase and maintenance of computer hardware and software to support the MPO planning program and related activities, including network maintenance. <p><u>Schedule</u> -Forecast start: April, 2020 -Forecast end: March, 2021</p>		
END PRODUCT: <p>The ability to operate the agency as a functional entity; the ability to meet federal and state requirements; the ability to meet local government expectations; Committee Documentation – including: reports, meeting minutes, committee mailings, and related materials; staff involvement in relevant organizations and activities; and adequate computer resources to meet the MPO planning activity requirements.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
		FHWA ^(PL) \$ 225,250
Participating Agencies: SMTC, CNY RPDB, Other Agencies as Appropriate		FTA ^(Sec. 5303) \$ 39,750
		<hr/> TOTAL \$ 265,000

UPWP TASK NO:	1B	
TASK TITLE:	Public Participation and Website Update	
OBJECTIVE:	To enhance the SMTC's transportation planning process with greater opportunities for public participation, input, involvement, and exposure.	
<p>METHODOLOGY:</p> <p>This task provides for the dissemination of information to the public about the transportation planning program, of which includes extensive use of the agency's website. It also covers receiving public comment and input on transportation planning activities through public information meetings both hosted and attended by the SMTC.</p> <p>As part of this task, the SMTC will continue to ensure that the principles of Environmental Justice and Title VI, are included and represented in all public outreach efforts. The techniques for the dissemination of information include, but are not limited to the following:</p> <ul style="list-style-type: none"> ▪ Newsletters; ▪ Brochures and flyers; ▪ Study reports and technical memoranda; ▪ Public information meetings/workshops and conferences; ▪ Media releases, press articles, and paid advertisements; ▪ Direct contact with public/citizens mailing lists; ▪ Transportation "fairs", exhibits, or expositions; ▪ SMTC website (www.smtcmpo.org); and ▪ SMTC's Facebook page. <p>Public participation opportunities (public input) include:</p> <ul style="list-style-type: none"> ▪ Public meetings/workshops; ▪ Task Forces, Focus Groups; ▪ Study Advisory Committees and Stakeholders database; and ▪ Surveys, questionnaires, comment cards, etc. <p style="text-align: right;"><u>Schedule</u> -Forecast start: April, 2020 -Forecast end: March, 2021</p>		
<p>END PRODUCT:</p> <p>Updated agency website. Public participation opportunities/activities, including SMTC newsletters, reports, press releases, maps, and slide presentations, website maintenance, meetings, workshops, etc.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 14,400
		FTA ^(Sec. 5303) \$ 3,600
		TOTAL \$ 18,000

UPWP TASK NO:	1C		
TASK TITLE:	Federal Transportation Legislation Examination & Evaluation		
OBJECTIVE:	To provide funds to allow the Central Staff to comply with existing and new Federal Legislation and to educate themselves on the changing regulations and requirements.		
METHODOLOGY:	<p>With the passage of the FAST Act in December 2015, there are specific regulations and requirements for Metropolitan Transportation Planning. The Federal Highway Administration, the Federal Transit Administration and the New York State Department of Transportation, as well as many other professional organizations, will assist Metropolitan Planning Organizations in interpreting and implementing the new regulations; particularly performance measure reporting and establishment of performance targets. Compliance with previous legislation is still required as well. This is a necessary and ongoing compliance item.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Forecast start: April, 2020 - Forecast end: March, 2021 <p>Ongoing activity throughout the 2020-2021 program year.</p>		
END PRODUCT:	Improved knowledge of the Central Staff regarding the regulations and requirements of the Transportation Bill as well as required continued compliance of existing legislation.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: SMTC		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 4,000
		FTA ^(Sec. 5303)	\$ 1,000
		TOTAL	\$ 5,000

UPWP TASK NO:	1D	
TASK TITLE:	UPWP Previous Year Closeouts	
OBJECTIVE:	To provide a task for closing out various UPWP activities from the previous program year.	
<p>METHODOLOGY:</p> <p>At the end of each program year, there are often various administrative tasks that need to be completed in order to officially close out a project. Such activities typically include the reproduction and distribution of Final Reports that were acknowledged prior to the close of the program year. Since there are no planning activities remaining, the project is not carried over and therefore does not possess a billing code to charge these final administrative tasks.</p> <p>This task is included as a “catch-all” to cover the various tasks necessary to completely close out various projects from the previous program year.</p> <p><u>Schedule</u></p> <p>- Prior year closeouts: 1st Quarter State Fiscal Year (SFY) 2020-21.</p>		
<p>END PRODUCT:</p> <p>Completion of required tasks necessary to completely close out various projects/efforts from the previous program year.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, CNY RPDB		FHWA ^(PL) \$ 4,000
		FTA ^(Sec. 5303) \$ 1,000
		<hr/> TOTAL \$ 5,000

UPWP TASK NO:	1E	
TASK TITLE:	UPWP Maintenance and Development	
OBJECTIVE:	Maintain the 2020-2021 UPWP as necessary and develop a subsequent work program accordingly.	
<p>METHODOLOGY:</p> <p>This task includes all necessary work required to process amendments to the 2020-2021 UPWP and finalize according to Federal regulations.</p> <p>The UPWP indicates local, state, and federal funding of the UPWP work tasks and identifies the participating agencies for completing the work. The UPWP will be developed according to measures deemed necessary to ensure a “3C” planning process, one that is continuing, cooperative, and comprehensive.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Amend and maintain adopted 2020-2021 UPWP as needed: 2nd, 3rd, 4th Quarters SFY 2020-21 - Initiate draft 2021-2022 UPWP: 4th Quarter SFY 2020-21 - Adopt 2021-2022 UPWP: February, 2021 		
<p>END PRODUCT:</p> <p>Maintenance of and amendments to the 2020-2021 UPWP as appropriate, as well as development of the 2021-2022 UPWP.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 8,000
		FTA ^(Sec. 5303) \$ 2,000
		TOTAL \$ 10,000

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

2. SHORT RANGE TRANSPORTATION PLANNING (44.24.00)

- 2A. Census Data Compilation and/or Analysis
- 2B. Data Collection, Compilation and/or Analysis
- 2C. Geographic Information Systems (GIS) - SMTC
- 2D. Geographic Information Systems (GIS) - Member Agency Assistance

UPWP TASK NO:	2A	
TASK TITLE:	Census Data Compilation and/or Analysis	
OBJECTIVE:	To continue to utilize the U.S. Census data accordingly. Additionally, to provide Census data, information and analysis as input into appropriate SMTC planning studies. This effort supports Long Range Transportation Planning activities, Travel Demand Modeling, Environmental Justice, Title VI, and general transportation planning for the MPO.	
METHODOLOGY: <p>This Unified Planning Work Program task is an ongoing activity of the SMTC. It allows for staff to utilize various Census data for Long Range Transportation Planning activities, Travel Demand Modeling, Environmental Justice, and general transportation planning completed by the MPO. Additionally, member agencies frequently request that the SMTC create customized census data products for their needs. This project allows for SMTC staff to complete those requests.</p> <p><u>Schedule</u></p> <p>- Respond to requests for Census data compilation and/or analysis: April, 2020 - March, 2021</p>		
END PRODUCT: <p>A valuable data set to support the varied planning activities of the MPO.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u> FHWA ^(PL) \$ 3,982 FTA ^(Sec. 5303) \$ 1,018 <hr/> TOTAL \$ 5,000
Participating Agencies: SMTC, Other Agencies as Appropriate		

UPWP TASK NO:	2B	
TASK TITLE:	Data Collection, Compilation and/or Analysis	
OBJECTIVE:	To collect, analyze and utilize various forms of data that assist in the everyday planning operation of the MPO.	
METHODOLOGY: This Unified Planning Work Program task involves the following subcategories: <ul style="list-style-type: none"> i. Transit Data Collection: The collection of transit ridership, scheduling and routing information by both the CNYRTA and the SMTC to fill project-specific data needs. It is intended that the CNYRTA will collect this data and provide it to the SMTC in a timely manner. If the CNYRTA is unable to provide the SMTC with the requested data, the SMTC will utilize the funds available for this category to obtain the data elsewhere. The SMTC will provide CNYRTA with project-specific data needs as requested. ii. Vehicle Data Collection: The collection of tube count data and turning movement count data required in support of the SMTC's planning activities. Additionally, this subcategory will include the ongoing effort of maintaining a central database of vehicle traffic counts for the MPO area. iii. Other Information: Other data as necessary in support of the planning activities of the SMTC. <p><u>Schedule</u></p> <p>- Respond to internal and external requests for traffic count and transit data: April, 2020 - March, 2021. Gathering of traffic counts will primarily occur April-June, 2020 and September-October, 2020.</p> <p>Note: No FTA monies will be used for the contractual portion of this project.</p>		
END PRODUCT: The end product is transit, vehicular, and other data sets as necessary. These data are used in the various multi-modal studies and activities undertaken by the SMTC.		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 32,000
		FTA ^(Sec. 5303) \$ 8,000
		<hr/> TOTAL \$ 40,000

UPWP TASK NO:	2C		
TASK TITLE:	Geographic Information Systems - SMTC		
OBJECTIVE:	To manage the data and software requirements necessary for maintaining and using the SMTC's Geographic Information System (GIS) to support the MPO planning activities.		
METHODOLOGY:	<p>The Syracuse Metropolitan Transportation Council utilizes various transportation-related GIS files as part of routine planning and analysis. As additional information becomes available digitally from the SMTC's member agencies each year, the role of GIS is becoming pervasive.</p> <p>To fully allow the SMTC to utilize GIS in its work program, there are necessary enhancements and routine maintenance efforts that must be undertaken as part of its work program annually. These efforts will allow the SMTC to more fully utilize GIS in relation to vehicle traffic counts, transit ridership, pavement and bridge condition monitoring, functional classification, demographic analysis, linking of Travel Demand Model data to GIS data, performance measure analysis, and other related efforts.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ▪ Coordination with member agencies to ensure that the most recent data is being used; ▪ File maintenance of the SMTC's GIS data layers; ▪ Linking Census data with relevant SMTC GIS layers; ▪ Continuing linking Vehicle Data Collection activities with the GIS database to allow for easy access to the most up-to-date traffic counts for road segments (AADT); ▪ Continue development of a GIS layer of turning movement count locations and data sheets to allow for easy access to turning movement count data sets; ▪ GIS data acquisition, maintenance, and manipulation as required in support of the various UPWP planning efforts that will utilize GIS data; and ▪ Participation on the NYSAMPO GIS Working Group. <p><u>Schedule</u> - Above efforts, and others that may arise as needed, will be completed throughout the 2020-2021 program year.</p>		
END PRODUCT:	Enhanced coordination between the SMTC and various Federal, State and local agencies to allow for up-to-date GIS data and files. Additionally, enhanced data sets that support the SMTC's planning efforts and high quality cartographic products as required for various UPWP projects.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: SMTC		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies		FHWA ^(PL)	\$ 40,000
		FTA ^(Sec. 5303)	\$ 10,000
		TOTAL	\$ 50,000

UPWP TASK NO:	2D		
TASK TITLE:	Geographic Information Systems - Member Agency Assistance		
OBJECTIVE:	To manage the data and software requirements necessary for maintaining and using the SMTC's Geographic Information System (GIS) to support the regional planning needs of the MPO member agencies as they relate to the mission of the SMTC.		
METHODOLOGY:	<p>As outlined in task 2C: Geographic Information Systems - SMTC, the SMTC's staff is highly capable of using and maintaining GIS data and creating appropriate end products. This item's purpose is to provide those services to SMTC member agencies as they relate to regional planning and the core mission of the SMTC.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ▪ Maintenance of appropriate data libraries; ▪ Creation of custom data sets; ▪ Map creation and editing; ▪ Maintenance of appropriate data libraries; and ▪ GIS data acquisition, maintenance, and manipulation as required in support of the various planning efforts that will utilize GIS data. <p>This GIS support project involves Central Staff providing member agencies with GIS products such as maps and associated spreadsheets on an as needed basis. The GIS maps would be produced for the member agency by request and reviewed by requesting agency.</p> <p><u>Schedule</u></p> <p>- Above efforts, and others that may arise as needed, will be completed throughout the 2020-2021 program year.</p>		
END PRODUCT:	Enhanced coordination between the SMTC and various Federal, State and local agencies to allow for up-to-date GIS data and files. Additionally, enhanced data sets that support the member agencies' planning efforts and high quality cartographic products as required for various regional planning projects in support of the SMTC's mission.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: CNY RPDB		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies		FHWA ^(PL)	\$ 24,000
		FTA ^(Sec. 5303)	\$ 6,000
		TOTAL	\$ 30,000

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

3. LONG RANGE TRANSPORTATION PLANNING (44.23.02)

- 3A. Bicycle/Pedestrian Planning
- 3B. Bridge and Pavement Condition Management System (BPCMS)
- 3C. I-81 Participation
- 3D. I-81 Travel Demand Modeling Project
- 3E. MPO Area Regional Planning Initiatives
- 3F. Long Range Transportation Plan
- 3G. Rail, Truck and Transit Planning
- 3H. Traffic Safety
- 3I. Travel Demand Modeling
- 3J. Local Comprehensive Plan Assistance
- 3K. City and OCDOT Traffic Count Programs
- 3L. City of Syracuse On Call Planning Support
- 3M. US Route 11 Corridor Study
- 3N. Safety Assessment and Analysis (City and County facilities)
- 3O. CNY Recreational Heritage Trail Bike Corridor
- 3P. Joint TMC Co-Location - White Paper Evaluation
- 3Q. Dome Traffic Management & Events Strategic Plan
- 3R. Tuscarora Rd Corridor Study
- 3S. US Route 11 Corridor Plan - Mattydale
- 3T. Manlius Village Center Pedestrian Safety & Mobility Study
- 3U. Village of Skaneateles Pedestrian Safety & Access
- 3V. Syracuse Sidewalk Planning Study
- 3W. Syracuse School Loading Zone Study
- 3X. Syracuse Residential Parking Permits Study Phase 1
- 3Y. Syracuse Safe Routes to School Manual

UPWP TASK NO:	3A
TASK TITLE:	Bicycle/Pedestrian Planning
OBJECTIVE:	To include multi-modal transportation planning in the MPO process, in order to effectively address bicycle and pedestrian transportation issues. Activities under this task will also contribute to improved air quality, livability and sustainability in the MPO area.
METHODOLOGY: <ul style="list-style-type: none"> ▪ Provide input and technical assistance from a multi-modal perspective to all SMTC transportation projects in order that bicycle and pedestrian travel are given appropriate consideration in any given SMTC project; ▪ Conduct data collection, identify and assess existing conditions, develop and evaluate alternatives and/or prepare recommendations as required; ▪ Continue meetings of the SMTC Bicycle and Pedestrian Community Interest Group if desired/necessary; ▪ Identify issues of concern within the multi-modal arena for which a focused substantive transportation study may be appropriate; ▪ Provide staff support to multi-modal advisory committees and utilize, as appropriate, the committees as resources for providing input to specific multi-modal projects as well as multi-modal program development; and ▪ Participate in the NYSAMPO Bicycle/Pedestrian Working Group. <p>An updated bicycle map for the area was created, and printed, during the 2019-2020 program. Staff may examine the potential of providing the information to the public through the creation on a bicycle/pedestrian app.</p> <p><u>Schedule</u></p> <p>- Above items will be completed throughout the 2020-2021 program year.</p>	
END PRODUCT: Maintenance of a multi-modal component in all SMTC transportation projects, and miscellaneous technical reports and memoranda.	
Requesting / Participating Agencies:	Funding Sources:
On Behalf Of: SMTC	<div style="text-align: right;"><u>2020-2021</u></div> <div> <div style="display: flex; justify-content: space-between;"> <div>FHWA ^(PL)</div> <div>\$ 36,000</div> </div> <div style="display: flex; justify-content: space-between;"> <div>FTA ^(Sec. 5303)</div> <div>\$ 9,000</div> </div> </div>
Participating Agencies: SMTC, Other Agencies as Appropriate	<div style="display: flex; justify-content: space-between;"> <div>TOTAL</div> <div>\$ <u>45,000</u></div> </div>

UPWP TASK NO:	3B	
TASK TITLE:	Bridge and Pavement Condition Management System (BPCMS)	
OBJECTIVE:	Complete an annual working document for SMTC member agencies and staff on bridge and pavement conditions within the SMTC planning area.	
<p>METHODOLOGY:</p> <p>A Bridge and Pavement Condition Management System — a centralized database of all federal-aid highways and bridges for cross jurisdictional comparisons — is beneficial to Metropolitan Planning Organizations. The centralized database allows the SMTC and its member agencies to monitor progress toward long-range planning infrastructure goals and performance-based planning activities. The established database is linked to the SMTC's Geographic Information System. Staff will continue providing pavement rating assistance along all federal-aid eligible roadways owned by the City of Syracuse and Onondaga County. Additionally, staff will continue to rate all roads within the City of Syracuse, regardless of federal-aid eligibility.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Pavement ratings and analysis: May-August, 2020 - Obtain bridge data and analysis of such: dependent on NYSDOT and/or FHWA data release date - Draft document: August-December, 2020 - Final document: March, 2021 		
<p>END PRODUCT:</p> <p>Annual document for SMTC and member agencies of bridge and pavement conditions that includes: (1) comprehensive database of bridge and pavement conditions; (2) comparative database for individual road segments that shows condition by jurisdiction by year for all federal aid eligible roads; and (3) written summary that contains the liberal use of maps, charts, and tables.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, City of Syracuse, NYSDOT, NYSTA, OCDOT, Other Agencies as Appropriate		FHWA ^(PL) \$ 16,000
		FTA ^(Sec. 5303) \$ 4,000
		TOTAL \$ 20,000

UPWP TASK NO:	3C		
TASK TITLE:	I-81 Participation		
OBJECTIVE:	To continue active participation in the NYSDOT's I-81 Viaduct Project environmental process as a participating agency.		
METHODOLOGY:	<p>The I-81 Challenge, a partnership between the SMTC and NYSDOT was completed in 2013. Since then, NYSDOT has initiated the NEPA (National Environmental Policy Act) process for the I-81 viaduct priority area, referred to as I-81 Opportunities. A Preliminary Design Report/Draft EIS for the project was released in 2019. Following additional research and analysis, the full Draft EIS may be released in 2020.</p> <p>The Syracuse Metropolitan Transportation Council will continue its engagement throughout the entirety of the NEPA process as a participating agency. This includes representation on the Community and Economic Development, and Sustainability Stakeholders' Advisory Working Groups.</p> <p><u>Schedule</u></p> <p>- Active participation under this task is dependent on NYSDOT. Meeting dates and other activities are unknown at this time.</p>		
END PRODUCT:	Continued agency engagement/involvement in the NYSDOT's I-81 Viaduct project.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: SMTC		<i>2020-2021</i>	
Participating Agencies: SMTC, CNY RPDB, CNYRTA, City of Syracuse, NYSDOT, OCDOT, SOCPA and Others Agencies as Appropriate.		FHWA ^(PL)	\$ 4,000
		FTA ^(Sec. 5303)	\$ 1,000
		TOTAL	\$ 5,000

UPWP TASK NO:	3D											
TASK TITLE:	I-81 Travel Demand Modeling Project											
OBJECTIVE:	To utilize the SMTC’s Travel Demand Model to evaluate the existing and future traffic conditions along I-81 and surrounding local streets in the MPO area. This analysis will be performed for a variety of different potential alternatives and scenarios in the NYSDOT’s NEPA process.											
METHODOLOGY:	<p>All I-81 Opportunities travel demand modeling will be completed by the NYSDOT for the evaluation of different alternative scenarios. The Syracuse Metropolitan Transportation Council will utilize its Travel Demand Model to re-run the scenarios for cross-evaluation and review.</p> <p>The major elements of this effort are to:</p> <ul style="list-style-type: none">▪ Use the travel demand model to evaluate various potential concepts for the I-81 corridor (and permutations of those concepts), based on:<ul style="list-style-type: none">- impacts to the transportation network of the greater metropolitan region; and- impacts to regional interstate access and general mobility, with an emphasis on the movement of goods and people. <p><u>Schedule</u></p> <p>- Active participation under this task is dependent on NYSDOT.</p> <p>Note: There is limited funding programmed to this activity. Should a request be made, SMTC staff, working with NYSDOT, will seek to procure SPR funding and will amend the UPWP as appropriate at such time.</p>											
END PRODUCT:	This task will result in several detailed model outputs and analysis associated with the various alternatives examined.											
<div>Requesting / Participating Agencies:</div> <div>On Behalf Of: NYSDOT</div> <div>Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate</div>		<div>Funding Sources:</div> <div><div>2020-2021</div><table><tr><td>FHWA ^(PL)</td><td>\$</td><td>4,000</td></tr><tr><td>FTA ^(Sec. 5303)</td><td>\$</td><td>1,000</td></tr><tr><td>TOTAL</td><td>\$</td><td>5,000</td></tr></table></div>		FHWA ^(PL)	\$	4,000	FTA ^(Sec. 5303)	\$	1,000	TOTAL	\$	5,000
FHWA ^(PL)	\$	4,000										
FTA ^(Sec. 5303)	\$	1,000										
TOTAL	\$	5,000										

UPWP TASK NO:	3E	
TASK TITLE:	MPO Regional Planning Initiatives	
OBJECTIVE:	To allow the SMTC to be actively involved in the many important regional planning initiatives that either currently exist or may begin over the program year.	
METHODOLOGY: <p>Numerous significant planning initiatives either currently exist or may come to fruition over the coming program year. This project is to allow for the SMTC to participate in these initiatives. Additionally, member agencies may request that the SMTC perform specific planning, analysis, or related activities in regards to these initiatives via this task. Examples of past work that fall under this category include the City of Syracuse Comprehensive Planning and Re-Zoning, F.O.C.U.S. Greater Syracuse Initiatives, Onondaga Citizens League efforts, the Central New York Regional Sustainability Planning and other related activities.</p> <p><u>Schedule</u> - This is an ongoing activity that allows for SMTC participation and involvement when items are brought forward for SMTC consideration. As such, no specific schedule is available beyond this task taking place throughout the 2020-2021 program year.</p>		
END PRODUCT: Active SMTC participation in important regional planning initiatives.		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC/Various		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 24,000
		FTA ^(Sec. 5303) \$ 6,000
		TOTAL \$ <u>30,000</u>

UPWP TASK NO:	3F	
TASK TITLE:	Long Range Transportation Plan	
OBJECTIVE:	Implement the performance based, outcome-driven transportation planning activities contained in the 2050 Long Range Transportation Plan (LRTP) and continue update on the next LRTP iteration.	
<p>METHODOLOGY:</p> <p>As required by law, each MPO must have a complete and up-to-date LRTP. Federal Regulations dictate that the Plan be updated a minimum of every five years in air quality “attainment areas.” A completely new LRTP that included new goals and objectives, performance measures and targets was formally adopted by the SMTC Policy Committee in September, 2015. Therefore, the next LRTP is due by September, 2020. The “tracking” of performance measures will be created to establish an appropriate procedure/process for the SMTC.</p> <p>Efforts as part of the 2020-2021 UPWP, in addition to performance measure reporting and establishing of performance targets, as applicable, will include continued research into relevant topics for the 2020 document such as use of emerging technologies (i.e., connected and autonomous vehicles, Transportation Network Companies) and development of a bridge & pavement asset inventory and funding strategy.</p> <p>All tasks and activities conducted as part of this project will ensure that the principles and procedures of Environmental Justice and Title VI receive the appropriate attention.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Continue development of updated LRTP: April, 2020 - July, 2020 - Public comment period: July, 2020 - Finalize and adopt LRTP: September, 2020 		
<p>END PRODUCT:</p> <p>Adherence to Transportation Performance Management provisions of MAP-21 and the FAST Act and an updated LRTP in 2020.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 24,000
		FTA ^(Sec. 5303) \$ 6,000
		TOTAL \$ 30,000

UPWP TASK NO:	3G	
TASK TITLE:	Rail, Truck and Transit Planning	
OBJECTIVE:	To include multi-modal transportation planning in the MPO process, in order to effectively address rail, truck and transit transportation issues, for moving both people and freight, as appropriate.	
METHODOLOGY:	<ul style="list-style-type: none"> ▪ Provide input and technical assistance from a multi-modal perspective to all SMTC transportation projects in order that rail, truck and transit travel are given appropriate consideration to any given SMTC project; ▪ Conduct data collection, identify and assess existing conditions, develop and evaluate alternatives and/or prepare recommendations as required; ▪ Identify issues of concern within the multi-modal arena for which a focused substantive transportation study may be appropriate; ▪ Provide staff support to multi-modal advisory committees and utilize, as appropriate, the committees as resources for providing input to specific multi-modal projects as well as multi-modal program development; and ▪ Participate in the NYSAMPO Freight and Transit Working Groups. <p>-----</p> <p>Additionally, this task will include specific sub-items. An approximate schedule for each sub-task is provided.</p> <p>1) Outreach to stakeholders (will occur throughout the 2020-2021 program);</p> <p>2) Complete truck route mapping & signage inventory in the City of Syracuse (December, 2020); and</p> <p>3) Freight corridor metrics (those not already part of the NYS Freight Plan) (March, 2021).</p>	
END PRODUCT:	Maintenance of a multi-modal component in all SMTC transportation projects, and miscellaneous technical reports and memoranda, as appropriate.	
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, CNYRTA, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 24,000
		FTA ^(Sec. 5303) \$ 6,000
		TOTAL \$ 30,000

UPWP TASK NO:	3H	
TASK TITLE:	Traffic Safety	
OBJECTIVE: To participate in various Traffic Safety initiatives as appropriate.		
METHODOLOGY: Integrating safety into the transportation planning process has been the focus of various Federal and State initiatives and is strongly encouraged within MPOs. In addition, this task includes the participation of staff on the NYSAMPO Safety Working Group that is examining various traffic safety activities utilized throughout the state and their potential use within each MPO. Also, the Working Group will reach out to other state agencies such as the Department of Motor Vehicles and the Department of Transportation to better coordinate safety planning activities between MPOs and these agencies. This is an ongoing activity. <u>Schedule</u> - Participate on the NYSAMPO Safety Working Group: April, 2020 - March, 2021 - Participate on the Onondaga County Traffic Safety Advisory Board: April, 2020 - March, 2021 - Attend traffic safety related webinars, trainings, events, and meetings, as appropriate: April, 2020 - March, 2021		
END PRODUCT: Increased awareness regarding various Traffic Safety issues, and further integration of traffic safety into the transportation planning process.		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 8,000
		FTA ^(Sec. 5303) \$ 2,000
		TOTAL \$ 10,000

UPWP TASK NO:	3I	
TASK TITLE:	Travel Demand Modeling	
OBJECTIVE:	To improve and utilize the SMTC's Travel Demand Model in support of the planning needs of the SMTC and its member agencies.	
METHODOLOGY: This task involves the following: <ul style="list-style-type: none"> ▪ Maintenance of the existing model. This requires utilization of additional data sets and possible consultant efforts to be sure that the agency's model will meet SMTC's needs; ▪ Continue training of existing staff on the best way(s) to utilize the model in support of the SMTC and its member agencies; ▪ Utilization of the model in support of existing projects and member agency requests for scenario planning; and ▪ Participation on the NYSAMPO Travel Demand Modeling Working Group. <p>This is an ongoing activity.</p> <p><u>Schedule</u></p> <p>- Above tasks, and others that may arise, will take place throughout the 2020-2021 program year.</p> <p>Note: No FTA monies will be used for the contractual portion of this project.</p>		
END PRODUCT: A maintained Travel Demand Model that meets the needs of the SMTC as well as the member agencies. In addition the model must comply with federal and state requirements for air quality and conformity.		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<i>2020-2021</i> FHWA ^(PL) \$ 44,000 FTA ^(Sec. 5303) \$ 11,000 <hr/> TOTAL \$ 55,000
Participating Agencies: SMTC, SMTC Member Agencies		

UPWP TASK NO:	3J		
TASK TITLE:	Local Comprehensive Plan Assistance		
OBJECTIVE:	To provide staff assistance to municipalities completing comprehensive plan updates.		
<p>METHODOLOGY:</p> <p>Funding will be utilized by SMTC staff to assist municipalities undertaking comprehensive plan updates. This is an ongoing activity. Preliminary scope of work includes items such as:</p> <ul style="list-style-type: none"> ▪ Meeting participation; ▪ Existing conditions data collection and analysis; ▪ Mapping services; ▪ Bicycle/pedestrian/transit profiles; ▪ Sketch planning/graphics; ▪ Travel demand modeling to test buildout scenarios; and; ▪ Traffic operations analysis. <p>SOCPA will be the coordinating entity that will determine the priority and level of effort required for each entity within the bounds of the SMTC's function. Additional work efforts are expected throughout the year based on SOCPA's needs/recommendations.</p> <p><u>Schedule</u></p> <p>- Contingent on requests and input from SOCPA throughout the 2020-2021 program year.</p>			
<p>END PRODUCT:</p> <p>Various output elements in support of the local plans being developed. This project will not be creating these plans, just assisting with support services.</p>			
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: SOCPA		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 40,000
		FTA ^(Sec. 5303)	\$ 10,000
		TOTAL	\$ <u>50,000</u>

UPWP TASK NO:	3K		
TASK TITLE:	City and OCDOT Traffic Count Programs		
OBJECTIVE:	To develop an operational traffic count database and traffic count program for the City of Syracuse (City) and the Onondaga County Department of Transportation (OCDOT).		
METHODOLOGY: <p>Continue the annual traffic count program for the City and OCDOT. This recurring program will gather numerous machine counts per year for data entry purposes. Tube counts will allow for bi-directional identification and include classification, speed, and volume data. This project hopes to eventually have 100 percent of the City (federal-aid eligible) and OCDOT roads counted on a rotating cycle. Tube counts may be collected via SMTTC's count contract or NYSDOT. This is an ongoing activity.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Conduct traffic counts: April-June, 2020, September-October, 2020 - Data review: May, 2020 - March, 2021 <p>Note: No FTA monies will be used for the contractual portion of this project.</p>			
END PRODUCT: <p>Updated traffic count database and traffic count data.</p>			
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: City of Syracuse and OCDOT		<u>2020-2021</u> FHWA ^(PL) \$ 20,000 FTA ^(Sec. 5303) \$ 5,000 <hr/> TOTAL \$ 25,000	
Participating Agencies: SMTTC, SMTTC Member Agencies, Other Agencies as Appropriate			

UPWP TASK NO:	3L	
TASK TITLE:	City of Syracuse On Call Planning Support	
OBJECTIVE:	To provide transportation planning support and assistance to the City of Syracuse.	
<p>METHODOLOGY:</p> <p>The City of Syracuse actively requests SMTC staff planning assistance on a variety of transportation related items not captured under a given task. This planning task provides a formalized effort for City and SMTC staff collaboration on an as-needed basis.</p> <p>Efforts may include assistance on the development of a City of Syracuse ReZone Generic Environmental Impact Statement, Traffic Control Center RFP development/review, sidewalk snow removal, and furthering the concept of tactical urbanism.</p> <p><u>Schedule</u></p> <p>- This is a planning support effort dependent on needs and requests from the City of Syracuse.</p>		
<p>END PRODUCT:</p> <p>Transportation planning analysis and documentation, as applicable, once support is identified.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: City of Syracuse and SOCPA		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 24,000
		FTA ^(Sec. 5303) \$ 6,000
		TOTAL \$ 30,000

UPWP TASK NO:	3M		
TASK TITLE:	US Route 11 Corridor Study		
OBJECTIVE:	To complete a corridor study of US Route 11 in the Town of Cicero to increase safety, mobility, and the viability of transit, bicycle and pedestrian use as well along the corridor.		
METHODOLOGY:	<p>Since 2000, US Route 11 between Bear Road and New York State Route 31 has seen significant retail growth. Growth included new buildings and re-imagined sites that included big box stores and various smaller developments and outparcels. As the transition occurred, a number of issue have manifested along the corridor such as an increase in vehicular traffic; limited planning, investment in, or requirements for transit, bicycle, or pedestrian infrastructure; and site planning that focuses on the vehicle, with massive parking areas and setbacks.</p> <p>To ensure the continued viability of land uses and welcome continued redevelopment and infill development along the corridor, particularly mixed-uses, the following efforts were envisioned for this project. A full scope of work was developed in May, 2018.</p> <ol style="list-style-type: none"> 1) Data collection (Complete); 2) Existing conditions analysis (Complete); 3) Define goals/objectives (Complete); 4) Safety assessment (Complete); 5) Define anticipated future land uses and changes in traffic volumes (Complete); 6) Future base capacity analysis (Complete); 7) Corridor visioning (Complete); 8) Future vision analysis & concept plans (1st Quarter SFY 2020-21); 9) Implementation plan (3rd Quarter SFY 2020-21). <p>This project started in the 2018-2019 program year with completion anticipated as part of the 2020-2021 UPWP. Project is approximately 75% complete.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: May, 2018 - Final document: September, 2020 		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: Town of Cicero, SOCPA		<i>2020-2021</i>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 16,000
		FTA ^(Sec. 5303)	\$ 4,000
		TOTAL	\$ 20,000

UPWP TASK NO:	3N		
TASK TITLE:	Safety Assessment and Analysis		
OBJECTIVE:	To identify and analyze high accident locations (based on number of serious injuries and fatalities) in the SMTC planning area.		
METHODOLOGY:	<p>A list of high crash locations by road segment and signalized intersections under County or City ownership will be developed, compared to statewide averages and analyzed. Locations that exceed Statewide averages would be subject to additional safety analyses under this planning study. All work effort will be advanced consistent with NYSDOT procedures to ensure that deliverables identifying capital safety improvements are useful in securing Highway Safety Improvement Program funding.</p> <p>The scope of work was finalized in November, 2018. The outcomes of this planning effort will support the SMTC's and member agency transition to performance based planning and implementation. Project will span multiple program years as necessary. County segments and intersections were analyzed first with a document finalized during the 2019-2020 program. Work efforts during the 2020-2021 program will focus exclusively on City of Syracuse locations.</p> <p>Project is approximately 50% complete as County portion is complete.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Crash data collection for most recent 3-year period (1st Quarter SFY 2020-21); - Data analyses (1st Quarter SFY 2020-21); - Safety analyses, relying on NYSDOT Traffic Engineering forms (develop collision diagrams, investigate causes, identify crash reduction factors) (2nd & 3rd Quarter SFY 2020-21); and - Summarize information (4th Quarter SFY 2020-21). 		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: OCDOT		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 20,000
		FTA ^(Sec. 5303)	\$ 5,000
		TOTAL	\$ 25,000

UPWP TASK NO:	30		
TASK TITLE:	CNY Recreational Heritage Trail Bike Corridor		
OBJECTIVE:	To connect heritage and recreation resources by way of a bicycle corridor from Phase II of the Onondaga Creekwalk in the City of Syracuse to Labrador Hollow Unique Area and the Village of Tully.		
METHODOLOGY:	<p>The CNY RPDB's 2017 CNY Regional Recreation & Heritage Plan identified 3 preliminary bicycle touring corridors: 1) Syracuse - Jamesville Rail With Trail Bikeway, 2) Jamesville - Labrador Hollow Bike Corridor and 3) Fabius - City of Cortland - Marathon Route 11 Bikeway. Exploration of alternative routes, of which includes railway right-of-way, and feasibility will be completed via this planning task.</p> <p>A full scope of work was created in 3rd Quarter SFY 2019-20. This project is 30% complete.</p> <p>1) Data collection (3rd Quarter SFY 2019-20) 2) Feasibility analyses & recommended routes (1st Quarter SFY 2020-21) 3) General planning guidelines (2nd Quarter SFY 2020-21) 4) Cost estimates (3rd Quarter SFY 2020-21)</p> <p><u>Schedule</u></p> <p>- Scope of Work: 3rd Quarter SFY 2019-20 - Final document: 4th Quarter SFY 2020-21</p>		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: CNY RPDB		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 16,000
		FTA ^(Sec. 5303)	\$ 4,000
		TOTAL	\$ 20,000

UPWP TASK NO:	3P
TASK TITLE:	Joint TMC Co-Location - White Paper Evaluation
OBJECTIVE:	To begin process of determining the feasibility of co-locating traffic management operations into a single, joint use and functional Traffic Management Center for State, County, and City.
METHODOLOGY: <p>In the Syracuse Metropolitan Planning Area, member agencies are operating and maintaining standalone traffic operations centers. The NYSDOT Transportation Management Center is predominantly for the Interstate system in Onondaga County, the City of Syracuse Traffic Control Center covers numerous City owned traffic signals and, although Onondaga County does not have an operations “center,” they do utilize various ITS technologies. This project will seek to identify new management partnerships between the State, County, and City to potentially provide expanded coverage to the traveling public. It is anticipated that support services from the FHWA Resource Center will be available throughout this planning effort.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Document: March, 2021 	
END PRODUCT: <p>A final document including information on research, best practices, meeting summaries, outcomes and order of magnitude costs.</p>	
Requesting / Participating Agencies:	Funding Sources:
On Behalf Of: NYSDOT	<u>2020-2021</u> FHWA ^(PL) \$ 32,000 FTA ^(Sec. 5303) \$ 8,000 <hr/> TOTAL \$ 40,000
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate	

UPWP TASK NO:	3Q	
TASK TITLE:	Dome Traffic Management & Events Strategic Plan	
OBJECTIVE:	To provide detailed, site specific traffic management & operations documentation during various events at the Syracuse University Carrier Dome that is inclusive of broader, day-to-day management & operations recommendations in light of new access to the University Hill area, and transportation network changes anticipated by the NYSDOT I-81 Viaduct being replaced with a community grid.	
METHODOLOGY:	<p>Project will be consultant-led to create modern and applicable special events documentation. Select components from the dated University Hill Special Events Transportation Study completed in 2000 will be reviewed. All public involvement will be under the purview of SMTC staff, as required.</p> <p>The funding listed below is for the staff time commitment for the coming year. Consultant costs will be covered under separate funding for SPR funds from the NYSDOT up to an anticipated maximum of \$400,000.</p> <p>An RFP will be created in the 1st Quarter of SFY 2020-21. Other steps/activities, post the creation and release of an RFP may include, and are not limited to:</p> <ul style="list-style-type: none"> ▪ Existing conditions research and documentation; ▪ Data collection & analysis, as necessary; ▪ Identification of issues & constraints; ▪ Stakeholder involvement & outreach; ▪ Development of recommendations and actionable items; and ▪ Detailed turn-by-turn, lane-by-lane, and special event modifications. <p>Project is anticipated to take two years to complete.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter, SFY 2020-21 - Final document: March, 2022 <p>Note: No FTA monies will be used for the contractual portion of this project.</p>	
END PRODUCT:	Two related documents: 1) detailed document with graphics, maps, time specific traffic control plans/details and 2) a Dome events strategic transportation study.	
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: City of Syracuse		<u>2020-2021</u>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL) \$ 20,000
		FTA ^(Sec. 5303) \$ 5,000
		TOTAL \$ <u>25,000</u>

(plus SPR expenses incurred)

UPWP TASK NO:	3R		
TASK TITLE:	Tuscarora Rd Corridor Study		
OBJECTIVE:	To complete a corridor study of Tuscarora Road, primarily in the Village of Chittenango, to increase safety and mobility of bicyclists and pedestrians along the corridor.		
METHODOLOGY:	<p>A long-term plan for the Village of Chittenango is to create a safe and healthy environment for citizens through the development and ongoing maintenance of parks, playgrounds and their CreekWalk trail system. Over the past several years Village officials have noticed an increase of traffic on Tuscarora Road, which they attribute some as “pass through” traffic during the morning and evening commutes. This project will seek to identify plausible recommendations to potentially alleviate increased traffic through the use of Complete Streets techniques and other applicable safety considerations.</p> <p>1) Data collection (1st Quarter SFY 2020-21); 2) Existing conditions (2nd Quarter SFY 2020-21); 3) Issues and Opportunities (3rd Quarter SFY 2020-21); and 4) Recommendations (4th Quarter SFY 2020-21).</p> <p><u>Schedule</u> - Scope of Work: 1st Quarter SFY 2020-21 - Document: March, 2021</p>		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: Village of Chittenango		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 32,000
		FTA ^(Sec. 5303)	\$ 8,000
		TOTAL	\$ 40,000

UPWP TASK NO:	3S		
TASK TITLE:	US Route 11 Corridor Study - Mattydale		
OBJECTIVE:	To complete a corridor study of US Route 11 in the Town of Salina to increase safety, mobility, and the viability of transit, bicycle and pedestrian use as well along the corridor.		
METHODOLOGY:	<p>US Route 11 between Taft Road and Molloy Road in the Hamlet of Mattydale, Town of Salina, has seen some, but limited growth. The corridor generally consists of a few big box stores and various smaller developments and outparcels. A number of issues have manifested along the corridor such as limited planning, investment in, or requirements for transit, bicycle, or pedestrian infrastructure; and site planning that focuses on the vehicle, with massive parking areas and setbacks.</p> <p>To ensure the continued viability of land uses and welcome continued redevelopment and infill development along the corridor, particularly mixed-uses, the following preliminary efforts are envisioned for this project. A full scope of work will be developed. Project is envisioned to take two years to complete.</p> <ol style="list-style-type: none"> 1) Data collection (2nd Quarter SFY 2020-21); 2) Define goals/objectives (2nd Quarter SFY 2020-21); 3) Existing conditions analysis (3rd Quarter SFY 2020-21); 4) Future buildout analysis - projected projects, infill opportunities analysis (4th Quarter SFY 2020-21); 5) Alternatives analysis - identify and test possible solutions (1st Quarter SFY 2021-22); 6) Identify preferred Land Use/Transportation strategy (2nd Quarter SFY 2021-22); 7) Illustrate/document preferred strategies (3rd Quarter SFY 2021-22); and 8) Resources/directives for implementation (4th Quarter SFY 2021-22). <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: March, 2022 		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: Town of Salina, SOCPA		<i>2020-2021</i>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 32,160
		FTA ^(Sec. 5303)	\$ 7,840
		TOTAL	\$ 40,000

UPWP TASK NO:	3T	
TASK TITLE:	Manlius Village Center Pedestrian Safety & Mobility Study	
OBJECTIVE:	To improve and promote bicycle and pedestrian mobility in an inviting village center.	
<p>METHODOLOGY:</p> <p>The Village of Manlius is challenged with accommodating regional high traffic volume through its village center. Development in the village center is increasingly oriented toward a walkable environment, and the high volume, and perceived high speed of vehicles along with limited sidewalk capacity, wide pedestrian crossings, and other factors do not match the land uses that are increasingly emerging. This planning effort will seek to explore a variety of traffic calming improvements. A full scope of work will be developed. Preliminary activities include the following. Project is envisioned to take two years to complete.</p> <ol style="list-style-type: none"> 1) Data collection (2nd Quarter SFY 2020-21); 2) Define goals/objectives (2nd Quarter SFY 2020-21); 3) Existing conditions analysis (3rd Quarter SFY 2020-21); 4) Future buildout analysis - projected projects, infill opportunities analysis (4th Quarter SFY 2020-21); 5) Alternatives analysis - identify and test possible solutions (1st Quarter SFY 2021-22); 6) Identify preferred Land Use/Transportation strategy (2nd Quarter SFY 2021-22); 7) Illustrate/document preferred strategies (3rd Quarter SFY 2021-22); and 8) Resources/directives for implementation (4th Quarter SFY 2021-22). <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: March, 2022 		
<p>END PRODUCT:</p> <p>A final document detailing all work efforts.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: Village of Manlius, SOCPA		<u>2020-2021</u> FHWA ^(PL) \$ 32,160 FTA ^(Sec. 5303) \$ 7,840 <hr/> TOTAL \$ 40,000
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		

UPWP TASK NO:	3U										
TASK TITLE:	Village of Skaneateles Pedestrian Safety & Access										
OBJECTIVE:	Development and evaluation of pedestrian conditions along Main Street, US Route 20, in the Village of Skaneateles.										
<p>METHODOLOGY:</p> <p>Through this technical analysis, SMTc staff will examine several areas of concern and opportunity, to improve pedestrian conditions, reduce vehicular conflicts, and manage the multi-modal environment along the Main Street/US 20 corridor.</p> <p>The following efforts are envisioned for this project. A scope of work will be developed.</p> <ol style="list-style-type: none"> 1) Data collection (2nd Quarter SFY 2020-21); 2) Existing conditions analysis (2nd Quarter SFY 2020-21); 3) Development of strategies for implementation (4th Quarter SFY 2020-21); and 4) Evaluation of strategies (1st Quarter SFY 2021-22). <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: March, 2021 											
<p>END PRODUCT:</p> <p>A final document detailing all work efforts.</p>											
Requesting / Participating Agencies:		Funding Sources:									
<p>On Behalf Of: Village of Skaneateles, SOCPA</p> <p>Participating Agencies: SMTc, SMTc Member Agencies, Other Agencies as Appropriate</p>		<p><u>2020-2021</u></p> <table> <tr> <td>FHWA ^(PL)</td> <td>\$</td> <td>32,160</td> </tr> <tr> <td>FTA ^(Sec. 5303)</td> <td>\$</td> <td>7,840</td> </tr> <tr> <td>TOTAL</td> <td>\$</td> <td>40,000</td> </tr> </table>	FHWA ^(PL)	\$	32,160	FTA ^(Sec. 5303)	\$	7,840	TOTAL	\$	40,000
FHWA ^(PL)	\$	32,160									
FTA ^(Sec. 5303)	\$	7,840									
TOTAL	\$	40,000									

UPWP TASK NO:	3V										
TASK TITLE:	Syracuse Sidewalk Planning Study										
OBJECTIVE:	To update existing sidewalk inventory with more complete data.										
<p>METHODOLOGY:</p> <p>In the past few years, the SMTTC created a sidewalk inventory in GIS that has been referenced in multiple planning activities. The inventory includes sidewalks in the City of Syracuse and other municipalities in the planning area. Through updating and expanding on data inputs, a sidewalk database may be generated to work through sidewalk replacement and upgrade scenarios.</p> <p>A scope of work will be developed at which time tasks and schedules will be confirmed. Data collection will be completed by the City of Syracuse.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: March, 2021 											
<p>END PRODUCT:</p> <p>Sidewalk inventory/database and applicable documentation of efforts.</p>											
Requesting / Participating Agencies:		Funding Sources:									
<p>On Behalf Of: City of Syracuse</p> <p>Participating Agencies: SMTTC, SMTTC Member Agencies, Other Agencies as Appropriate</p>		<p><u>2020-2021</u></p> <table> <tr> <td>FHWA ^(PL)</td> <td>\$</td> <td>32,160</td> </tr> <tr> <td>FTA ^(Sec. 5303)</td> <td>\$</td> <td>7,840</td> </tr> <tr> <td>TOTAL</td> <td>\$</td> <td>40,000</td> </tr> </table>	FHWA ^(PL)	\$	32,160	FTA ^(Sec. 5303)	\$	7,840	TOTAL	\$	40,000
FHWA ^(PL)	\$	32,160									
FTA ^(Sec. 5303)	\$	7,840									
TOTAL	\$	40,000									

UPWP TASK NO:	3W		
TASK TITLE:	Syracuse School Loading Zone Study		
OBJECTIVE:	To develop recommendations for safer and more efficient school loading zones.		
METHODOLOGY:	<p>Although not explicitly related, the State's I-81 Opportunities Project will shift travel patterns placing increased emphasis on the City's existing street grid. Several schools are located on or in close proximity to major commuter corridors. Improved school loading zone areas are necessary for improving student safety as travel patterns will very likely change as an outcome of the "community grid" alternative implementation. Recommendations for physical changes as well as potential policy adjustments will be considered as part of this planning effort. A full scope of work will be developed. Preliminary efforts and schedule include the following.</p> <p>This effort is contingent on active participation from the City of Syracuse Central School District.</p> <p>1) Data Collection and Analysis regarding existing zones, infrastructure, and dismissal policies (1st Quarter SFY 2020-21);</p> <p>2) Alternatives identification and mapping (3rd Quarter SFY 2020-21); and</p> <p>3) Resources/directives for implementation (4th Quarter SFY 2020-21).</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: March, 2021 		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: City of Syracuse		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 28,140
		FTA ^(Sec. 5303)	\$ 6,860
		TOTAL	\$ 35,000

UPWP TASK NO:	3X		
TASK TITLE:	Syracuse Residential Parking Permits Study Phase 1		
OBJECTIVE:	To identify need for, and pathways to, enacting Residential Parking Permits in the City of Syracuse.		
METHODOLOGY:	<p>Several areas in the City of Syracuse (i.e., Downtown, University Hill, Tipperary Hill) have limited/constrained on-street parking capacity. This effort will seek to explore best practices of similar communities and legislative procedures, as appropriate, that may be necessary to implement a residential parking permit for the City. Evaluation of current on-street parking policies will be paramount to this effort.</p> <p>A scope of work will be developed that may alter the preliminary efforts below.</p> <ol style="list-style-type: none"> 1) Identify areas at or approaching capacity for on-street parking (1st Quarter SFY 2020-21); 2) Compile best practices (2nd Quarter SFY 2020-21); 3) Mapping, analysis, other related items (3rd Quarter SFY 2020-21); and 4) Recommendations and implementation (2nd Quarter SFY 2021-22). <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 1st Quarter SFY 2020-21 - Final document: September, 2021 		
END PRODUCT:	A final document detailing all work efforts.		
Requesting / Participating Agencies:		Funding Sources:	
On Behalf Of: City of Syracuse		<u>2020-2021</u>	
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		FHWA ^(PL)	\$ 24,120
		FTA ^(Sec. 5303)	\$ 5,880
		TOTAL	\$ 30,000

UPWP TASK NO:	3Y										
TASK TITLE:	Syracuse Safe Routes to School Manual										
OBJECTIVE:	To develop standards for future Safe Routes to School projects.										
<p>METHODOLOGY:</p> <p>Beyond providing safety improvements, Safe Routes to School (SRTS) facilities in the City of Syracuse may also likely seek to capitalize on existing trails and expand their reach/connections to neighborhoods and school facilities. This planning effort will compile best practices for SRTS and develop a guide/manual with which the City and their public partners can utilize when planning for, and implementing SRTS projects. It is envisioned that the SRTS guide/manual will include recommendations on materials, wayfinding styles, and conceptual routes. To date, the City has implemented/installed a number of SRTS projects that will form the basis for this planning effort.</p> <p>A scope of work will be developed at which time tasks and schedule will be confirmed.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Scope of Work: 4th Quarter SFY 2020-21 - Final document: December, 2021 											
<p>END PRODUCT:</p> <p>A final document detailing all work efforts.</p>											
Requesting / Participating Agencies:		Funding Sources:									
<p>On Behalf Of: City of Syracuse</p> <p>Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate</p>		<p><u>2020-2021</u></p> <table> <tr> <td>FHWA ^(PL)</td> <td>\$</td> <td>4,020</td> </tr> <tr> <td>FTA ^(Sec. 5303)</td> <td>\$</td> <td>980</td> </tr> <tr> <td>TOTAL</td> <td>\$</td> <td><u>5,000</u></td> </tr> </table>	FHWA ^(PL)	\$	4,020	FTA ^(Sec. 5303)	\$	980	TOTAL	\$	<u>5,000</u>
FHWA ^(PL)	\$	4,020									
FTA ^(Sec. 5303)	\$	980									
TOTAL	\$	<u>5,000</u>									

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

4. TRANSPORTATION IMPROVEMENT PROGRAM (TIP) (44.25.00)

4A. TIP Development and Maintenance

UPWP TASK NO:	4A	
TASK TITLE:	TIP Development and Maintenance	
OBJECTIVE:	Maintain and update the Transportation Improvement Program (TIP). Activities for this project will also ensure that the TIP is in compliance with all federal and state requirements.	
METHODOLOGY: <p>The Transportation Improvement Program will be maintained, amended, and updated as necessary, in cooperation with the NYSDOT, units of local government, and the CNYRTA. The 2020-2024 Transportation Improvement Program was adopted by the SMTC Policy Committee in June, 2019.</p> <p><u>Schedule</u></p> <ul style="list-style-type: none"> - Maintenance of 2020-2024 TIP: April, 2020 - March, 2021 - Annual Listing of Obligations: November, 2020 - Federal Fiscal Year 19/20 summary: November, 2020 		
END PRODUCT: <p>A Transportation Improvement Program that is maintained, kept up-to-date, and in compliance with all Federal and State requirements.</p>		
Requesting / Participating Agencies:		Funding Sources:
On Behalf Of: SMTC		<u>2020-2021</u> FHWA ^(PL) \$ 24,000 FTA ^(Sec. 5303) \$ 6,000 <hr/> TOTAL \$ 30,000
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate		

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

5. OTHER ACTIVITIES (44.27.00)

5A. Miscellaneous Activities and Special Technical Assistance

UPWP TASK NO:	5A
TASK TITLE:	Miscellaneous Activities and Special Technical Assistance
OBJECTIVE:	This task covers miscellaneous projects that are assigned from time to time, both short-term and infrequent long-term projects that do not warrant individual UPWP projects. Additionally, this task provides for special technical assistance to member agencies, local governments, and other agencies and/or organizations as appropriate.
METHODOLOGY: <p>From time-to-time, miscellaneous projects are assigned to staff. Many are one time studies or reports, while other tasks are more long-term in nature, and are infrequent enough or so limited in scope of MPO participation, and, therefore, do not warrant a separate UPWP project.</p> <p>Tasks may include such activities as participation in various New York State MPO statewide initiatives and reviewing proposed Federal regulations.</p> <p>This task also allows the SMTC to provide technical assistance to member agencies, local governments, and other agencies/organizations which were not foreseen or known during the preparation of the annual UPWP.</p> <p><u>Schedule</u></p> <p>- This task allows the SMTC to provide technical assistance to member agencies, local governments, and other agencies/organizations which were not foreseen or known during the preparation of the annual UPWP. As such, no definitive schedule is known beyond that work efforts may occur as part of the 2020-2021 program year.</p>	
END PRODUCT: <p>Various activities, technical assistance, research, analysis, published documents, memoranda, brief reports, etc., as appropriate.</p>	
Requesting / Participating Agencies:	Funding Sources:
On Behalf Of: SMTC	<div style="text-align: right;"><u>2020-2021</u></div> <div> <div>FHWA ^(PL)</div> <div>\$ 40,203</div> </div> <div> <div>FTA ^(Sec. 5303)</div> <div>\$ 10,021</div> </div> <div> <div>TOTAL</div> <div>\$ 50,224</div> </div>
Participating Agencies: SMTC, SMTC Member Agencies, Other Agencies as Appropriate	

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

6. BUDGET TABLES

2020-2021

TABLE 1 - SUMMARY BUDGET

TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS ONLY

TABLE 3 - FHWA BUDGETS

TABLE 4 - FTA BUDGETS

TABLE 5 - TOTAL AUDITABLE BUDGET

TABLE 6 - STATEWIDE PLANNING & RESEARCH FUNDING

TABLE 1
2020 - 2021 SUMMARY BUDGET

TASK BUDGET									
TASK		FUNDING SOURCE							
ID	Category	FHWA - PL	FTA	FTA %	Total Federal	Total Non-Federal	State	Local	Total
1.	Program Administration and Support (44.21.00)								
A.	General Administration	\$225,250	\$39,750	15%	\$265,000	\$57,359	\$43,019	\$14,340	\$322,359
B.	Public Participation and Web Site Update	\$14,400	\$3,600	20%	\$18,000	\$3,932	\$2,949	\$983	\$21,932
C.	Federal Transportation Legislation Examination and Evaluation	\$4,000	\$1,000	20%	\$5,000	\$1,092	\$819	\$273	\$6,092
D.	UPWP Previous Year Closeouts	\$4,000	\$1,000	20%	\$5,000	\$1,092	\$819	\$273	\$6,092
E.	UPWP Maintenance and Development	\$8,000	\$2,000	20%	\$10,000	\$2,184	\$1,638	\$546	\$12,184
	Total Program Administration and Support	\$255,650	\$47,350	16%	\$303,000	\$65,659	\$49,244	\$16,415	\$368,659
2.	Short-Range Transportation Planning (44.24.00)								
A.	Census Data Compilation and/or Analysis	\$3,982	\$1,018	20%	\$5,000	\$1,093	\$820	\$273	\$6,093
B.	Data Collection, Compilation and/or Analysis	\$32,000	\$8,000	20%	\$40,000	\$8,737	\$6,553	\$2,184	\$48,737
C.	Geographic Information Systems - SMTC	\$40,000	\$10,000	20%	\$50,000	\$10,921	\$8,191	\$2,730	\$60,921
D.	Geographic Information Systems - Member Agency Assistance	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
	Total Short-Range Transportation Planning	\$99,982	\$25,018	20%	\$125,000	\$27,303	\$20,478	\$6,826	\$152,304
3.	Long Range Transportation Planning (44.23.02)								
A.	Bicycle/Pedestrian Planning	\$36,000	\$9,000	20%	\$45,000	\$9,829	\$7,372	\$2,457	\$54,829
B.	Bridge and Pavement Condition Management System (BPCMS)	\$16,000	\$4,000	20%	\$20,000	\$4,368	\$3,276	\$1,092	\$24,368
C.	I-81 Participation	\$4,000	\$1,000	20%	\$5,000	\$1,092	\$819	\$273	\$6,092
D.	I-81 Travel Demand Modeling Project	\$4,000	\$1,000	20%	\$5,000	\$1,092	\$819	\$273	\$6,092
E.	MPO Area Regional Planning Initiatives	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
F.	Long-Range Transportation Plan/Performance Based Planning (includes asset inventory & funding strategy and other research items)	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
G.	Rail, Truck and Transit Planning (includes freight outreach, route/sign inventory & mapping)	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
H.	Traffic Safety	\$8,000	\$2,000	20%	\$10,000	\$2,184	\$1,638	\$546	\$12,184
I.	Travel Demand Modeling	\$44,000	\$11,000	20%	\$55,000	\$12,013	\$9,010	\$3,003	\$67,013
J.	Local Comprehensive Plan Assistance	\$40,000	\$10,000	20%	\$50,000	\$10,921	\$8,191	\$2,730	\$60,921
K.	City and OCDOT Traffic Count Programs (recurring)	\$20,000	\$5,000	20%	\$25,000	\$5,461	\$4,095	\$1,365	\$30,461
L.	City of Syracuse on call Planning Support - various activities	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
M.	U.S. Route 11 Corridor Study Cicero	\$16,000	\$4,000	20%	\$20,000	\$4,368	\$3,276	\$1,092	\$24,368
N.	Safety Assessment and Analysis (City and County facilities)	\$20,000	\$5,000	20%	\$25,000	\$5,461	\$4,095	\$1,365	\$30,461
O.	CNY Recreational Heritage Trail Bike Corridor - Planning Assistance	\$16,000	\$4,000	20%	\$20,000	\$4,368	\$3,276	\$1,092	\$24,368
P.	Joint TMC Co Location - White Paper Evaluation	\$32,000	\$8,000	20%	\$40,000	\$8,737	\$6,553	\$2,184	\$48,737
Q.	Dome Traffic Management and Events Strategic Plan	\$20,000	\$5,000	20%	\$25,000	\$5,461	\$4,095	\$1,365	\$30,461
R.	Tuscarora Road Corridor Study	\$32,000	\$8,000	20%	\$40,000	\$8,737	\$6,553	\$2,184	\$48,737
S.	U.S. Route 11 Corridor Plan - Mattydale	\$32,160	\$7,840	20%	\$40,000	\$8,731	\$6,548	\$2,183	\$48,731
T.	Manlius Village Center Pedestrian Safety & Mobility Study	\$32,160	\$7,840	20%	\$40,000	\$8,731	\$6,548	\$2,183	\$48,731
U.	Village of Skaneateles Pedestrian Safety and Access	\$32,160	\$7,840	20%	\$40,000	\$8,731	\$6,548	\$2,183	\$48,731
V.	Syracuse Sidewalk Planning Study	\$32,160	\$7,840	20%	\$40,000	\$8,731	\$6,548	\$2,183	\$48,731
W.	Syracuse School Loading Zone Study	\$28,140	\$6,860	20%	\$35,000	\$7,639	\$5,729	\$1,910	\$42,639
X.	Syracuse Residential Parking Permits Study Phase 1	\$24,120	\$5,880	20%	\$30,000	\$6,548	\$4,911	\$1,637	\$36,548
Y.	Syracuse - Safe Routes to School Manual (begins late in program year)	\$4,020	\$980	20%	\$5,000	\$1,091	\$818	\$273	\$6,091
	Total Long-Range Transportation Planning	\$588,920	\$146,080	20%	\$735,000	\$160,503	\$120,377	\$40,126	\$895,503
4.	Transportation Improvement Program (TIP) (44.25.00)								
A.	TIP Development & Maintenance	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
	Total Transportation Improvement Program	\$24,000	\$6,000	20%	\$30,000	\$6,553	\$4,914	\$1,638	\$36,553
5.	Other Activities (44.27.00)								
A.	Miscellaneous Activities and Special Technical Assistance	\$40,203	\$10,021	20%	\$50,224	\$10,969	\$8,227	\$2,742	\$61,193
	Total Other Activities	\$40,203	\$10,021	20%	\$50,224	\$10,969	\$8,227	\$2,742	\$61,193
	Grand Total FHWA PL & FTA MPP Funds	\$1,008,755	\$234,469	19%	\$1,243,224	\$270,987	\$203,240	\$67,747	\$1,514,211
	Grand Total - All Fund Sources				\$1,243,224				\$1,514,211

TABLE 2

2020 - 2021 SUMMARY BUDGET FEDERAL PROGRAM ONLY

TASK BUDGET											
TASK		FUNDING SOURCE					RESPONSIBILITY				
ID	Task	FHWA - PL	FTA	State	Local	Total	Staff	CNY RPDB	State*	Local	Total
44.21.00	Program Administration and Support	\$255,650	\$47,350	\$49,244	\$16,415	\$368,659	\$223,000	\$80,000	\$49,244	\$16,415	\$368,659
44.24.00	Short-Range Transportation Planning	\$99,982	\$25,018	\$20,478	\$6,826	\$152,303	\$125,000	\$0	\$20,478	\$6,826	\$152,303
44.23.02	Long-Range Transportation Planning	\$588,920	\$146,080	\$120,377	\$40,126	\$895,503	\$735,000	\$0	\$120,377	\$40,126	\$895,503
44.25.00	Transportation Improvement Program	\$24,000	\$6,000	\$4,914	\$1,638	\$36,553	\$30,000	\$0	\$4,914	\$1,638	\$36,553
44.27.00	Other Activities	\$40,203	\$10,021	\$8,227	\$2,742	\$61,193	\$50,224	\$0	\$8,227	\$2,742	\$61,193
	Total	\$1,008,755	\$234,469	\$203,240	\$67,747	\$1,514,211	\$1,163,224	\$80,000	\$203,240	\$67,747	\$1,514,211
		\$1,243,224		\$270,987		\$1,514,211	\$1,243,224		\$270,987		\$1,514,211

AUDIT BUDGET						
ID	Category	Staff	CNY RPDB	State	Local	Total
44.20.01	Salaries	\$701,431		\$26,516		\$727,947
44.20.02	Fringe	\$227,893	\$0	\$10,263		\$238,156
44.20.03	Travel	\$11,000	\$0			\$11,000
44.20.04	Equipment	\$22,000	\$0			\$22,000
44.20.05	Supplies	\$7,500	\$0			\$7,500
44.20.06	Contractual	\$90,100	\$80,000		\$67,747	\$237,847
44.20.07	Other	\$22,700	\$0			\$22,700
44.20.08	Indirect	\$80,600	\$0	\$7,184		\$87,784
XX.XX.XX	Toll Credits*			\$159,277		\$159,277
	Total	\$1,163,224	\$80,000	\$203,240	\$67,747	\$1,514,211
		\$1,243,224		\$270,987		\$1,514,211
		\$1,243,224				\$1,514,211

* The NYSDOT non-federal share is provided via Toll Credits for FHWA PL costs and as an In-Kind Service for FTA MPP costs.

TABLE 3
2020 - 2021 SUMMARY BUDGET
FHWA - PL BUDGET

TASK BUDGET							
ID	Task	Total	FHWA - PL	Staff	CNYRPDB	State*	Local
44.21.00	Program Administration and Support	\$309,471	\$255,650	\$188,152	\$67,498	\$40,366	\$13,455
44.24.00	Short-Range Transportation Planning	\$121,031	\$99,982	\$99,982		\$15,787	\$5,262
44.23.02	Long-Range Transportation Planning	\$712,903	\$588,920	\$588,920		\$92,987	\$30,996
44.25.00	Transportation Improvement Program	\$29,053	\$24,000	\$24,000		\$3,789	\$1,263
44.27.00	Other Activities	\$48,667	\$40,203	\$40,203		\$6,348	\$2,116
	Total	\$1,221,124	\$1,008,755	\$941,257	\$67,498	\$159,277	\$53,092

\$1,221,124	\$1,008,755		\$159,277	\$53,092
\$1,221,124				

AUDIT BUDGET						
ID	Category	Total	Staff	CNY RPDB	State	Local
44.20.01	Salaries	\$567,582	\$567,582			
44.20.02	Fringe	\$184,407	\$184,407			
44.20.03	Travel	\$8,901	\$8,901			
44.20.04	Equipment	\$17,802	\$17,802			
44.20.05	Supplies	\$6,069	\$6,069			
44.20.06	Contractual	\$193,498	\$72,907	\$67,498		\$53,092
44.20.07	Other	\$18,368	\$18,368			
44.20.08	Indirect	\$65,220	\$65,220			
XX.XX.XX	Toll Credits *	\$159,277			\$159,277	
	Total	\$1,221,124	\$941,256	\$67,498	\$159,277	\$53,092

\$1,221,124	\$941,256	\$67,498	\$159,277	\$53,092
\$1,221,124				

* NYSDOT provides its share of the non-federal match via Toll Credits

TABLE 4
2020 - 2021 SUMMARY BUDGET
FTA BUDGET

TASK BUDGET							
ID	Task	Total	FTA	Staff	CNY RPDB	State*	Local
44.21.00	Program Administration and Support	\$59,188	\$47,350	\$34,848	\$12,502	\$8,878	\$2,959
44.24.00	Short-Range Transportation Planning	\$31,273	\$25,018	\$25,018		\$4,691	\$1,564
44.23.02	Long-Range Transportation Planning	\$182,600	\$146,080	\$146,080		\$27,390	\$9,130
44.25.00	Transportation Improvement Program	\$7,500	\$6,000	\$6,000		\$1,125	\$375
44.27.00	Other Activities	\$12,526	\$10,021	\$10,021		\$1,879	\$626
	Total	\$293,086	\$234,469	\$221,967	\$12,502	\$43,963	\$14,654

\$293,086	\$234,469	\$221,967	\$12,502	\$43,963	\$14,654
\$293,086					

AUDIT BUDGET						
ID	Category	Total	Staff	CNY RPDB	State	Local
44.20.01	Salaries	\$160,364	\$133,848		26,516	
44.20.02	Fringe	\$53,750	\$43,487		10,263	
44.20.03	Travel	\$2,099	\$2,099			
44.20.04	Equipment	\$4,198	\$4,198			
44.20.05	Supplies	\$1,431	\$1,431			
44.20.06	Contractual	\$44,349	\$17,193	\$12,502		\$14,654
44.20.07	Other	\$4,332	\$4,332			
44.20.08	Indirect	\$22,564	\$15,380		7,184	
XX.XX.XX	Toll Credits	\$0				
	Total	\$293,086	\$221,967	\$12,502	\$43,963	\$14,654

\$293,086	\$221,967	\$12,502	\$43,963	\$14,654
\$293,086				

TABLE 5
2020 - 2021 SUMMARY BUDGET
TOTAL AUDITABLE BUDGET

AUDIT BUDGET						
ID	Category	Total	Staff	CNY RPDB	State*	Local
44.20.01	Salaries	\$727,947	\$701,431		\$26,516	
44.20.02	Fringe	\$238,156	\$227,893		\$10,263	
44.20.03	Travel	\$11,000	\$11,000		\$0	
44.20.04	Equipment	\$22,000	\$22,000		\$0	
44.20.05	Supplies	\$7,500	\$7,500		\$0	
44.20.06	Contractual	\$237,847	\$90,100	\$80,000	\$0	\$67,747
44.20.07	Other	\$22,700	\$22,700		\$0	
44.20.08	Indirect	\$87,784	\$80,600		\$7,184	
XX.XX.XX	Toll Credits	\$159,277	\$0		\$159,277	
	Total	\$1,514,211	\$1,163,224	\$80,000	\$203,240	\$67,747

\$1,514,211	\$1,163,224	\$80,000	\$203,240	\$67,747
\$1,514,211				

* The NYSDOT non-federal share is provided via Toll Credits for FHWA PL costs and
as an In-Kind Service for FTA MPP costs.

TABLE 6
2020 - 2021 State Planning and Research Funding

TASK BUDGET						
TASK		FUNDING SOURCE			RESPONSIBILITY	
ID	Task	NYSDOT - SPR	FHWA - SPR	Total	Staff	Total
44.21.00	Program Administration and Support	\$0	\$0	\$0	\$0	\$0
44.24.00	Short-Range Transportation Planning	\$0	\$0	\$0	\$0	\$0
44.23.02	Long-Range Transportation Planning	\$80,000	\$320,000	\$400,000	\$400,000	\$400,000
44.25.00	Transportation Improvement Program	\$0	\$0	\$0	\$0	\$0
44.27.00	Other Activities	\$0	\$0	\$0	\$0	\$0
	Total	\$80,000	\$320,000	\$400,000	\$400,000	\$400,000
		\$400,000		\$400,000	\$400,000	\$400,000

* Note: SPR Budget is for a total multi-year SPR project not broken down by year

AUDIT BUDGET				
ID	Category	Staff	CNY RPDB	Total
44.20.01	Salaries	\$0	\$0	\$0
44.20.02	Fringe	\$0	\$0	\$0
44.20.03	Travel	\$0	\$0	\$0
44.20.04	Equipment	\$0	\$0	\$0
44.20.05	Supplies	\$0	\$0	\$0
44.20.06	Contractual	\$400,000	\$0	\$400,000
44.20.07	Other	\$0	\$0	\$0
44.20.08	Indirect	\$0	\$0	\$0
	Total	\$400,000	\$0	\$400,000
		\$400,000		\$400,000
		\$400,000		\$400,000

SPR Expenses for I-81 EIS/NEPA Modeling	\$0
SPR Expenses for Dome Event Traffic Management Plan	\$400,000

UNIFIED PLANNING WORK PROGRAM

FY 2020-2021

APPENDICES

Appendix A: Other Significant Federally Funded Transportation Planning Activities - SPR

SPR Funded Projects that Impact Metropolitan Areas

SPR #	Project Title	Projected End Date	SPR Funding	Short Description
SMTC	Region 3			
C-19-53	Dome Traffic Management and Events Strategic Plan	March 2023	\$400,000	The goal of this project is to provide detailed, site specific traffic management and operations documentation during various events at the Syracuse University Carrier Dome which is inclusive of broader, day-to-day management and operations relevant recommendations in light of new access to the University Hill area, and transportation network changes anticipated by the NYSDOT I-81 Viaduct being replaced with a community grid.
GBNRTC	Region 5			
C-14-57	Integrated Corridor Management for Niagara Frontier	March 2020	\$323,202	The objective of this Border Crossing Corridor Management project is to optimize traffic operations by identifying effective traffic management strategies to mitigate congestion and environmental impacts.
NYMTC	Regions 8, 10 and 11			
C-19-52	Continuous Count Traffic Count Program, Zone 3	December 2025	\$5,500,000	The goal of this project is to conduct the continuous count traffic count program in Zone 3 (Metro New York City / Long Island) over a five-year term with full performance-based maintenance and upgrade services to provide better coverage, distribution, and differentiation by functional classification of roadway, geographic area, and seasonality of traffic patterns.
All MPOs				
C-10-54	National Household Travel Survey (NHTS), Census Transportation Planning Program (CTPP), Intercity Travel (ATS) and Travel Patterns for NYS	September 2023	\$6,500,000	The goal of this project is to provide research and analysis of national data sets to highlight New York State data.
C-13-57	Highway Oversize/Overweight Credentialing System (HOOCS)	September 2021	\$5,000,000	The goal is to implement a Commercial Off-the-Shelf (COTS) HOOCS software solution and obtain the accompanying integration services necessary to fulfill NYSDOT's Central Permitting Bureau's business requirements.
C-14-53	Program & Project Management Software and Training	June 2020	\$2,295,397	The goal of this project is to provide support services for the ongoing configuration and implementation of a Department-wide enhanced and improved enterprise level program and project management system to facilitate improvements to the capital program delivery.

SPR Funded Projects that Impact Metropolitan Areas

SPR #	Project Title	Projected End Date	SPR Funding	Short Description
C-14-61	Technical Support for Use of National Performance Management Research Data (NPMRDS)	September 2021	\$1,654,357	The goal of this project is to develop and make accessible to NYSDOT and partner planning agencies a hosted National Performance Management Research Data Set (NPMRDS) geo-database and analytic framework for performance analysis and visualization of congestion, mobility and reliability.
C-19-51	Short Count Traffic Count Program (2015-2019) / (2020-2024)	December 2024	\$33,309,707	The project goal is to provide for the collection of traffic data in NYSDOT Regions 1 through 11 (divided into Zones). This will be achieved by contracting for the collection of that data.
C-15-52	Statewide Planning, Policy & Technical Research Tasks in Support of ATDM (Active Transportation Demand Management)	June 2020	\$3,725,000	This project will progress and support specific task-order based assignments related to planning, policy, technical assistance, and research needs that may be inter-regional, or statewide in scope and aim to reduce congestion, energy consumption, greenhouse gas emissions, improve mobility, increase transportation efficiency through multimodal measures, and promote or foster a sustainable transportation system.
C-15-54	Bus Safety Inspection System (BusNET)	November 2020	\$2,300,000	The goal of this project is to replace the existing 25+ year old mainframe with a new modern server-based IT system.
C-16-51	Continuous Count Traffic Count Program Zone 1	June 2021	\$2,525,000	This initiative is the Continuous Count Traffic Count Program for Zone 1 with full performance-based maintenance and upgrade services in Zone 1 to provide better coverage, distribution, and differentiation by functional classification of roadway, geographic area, and seasonality of traffic patterns.
C-16-52	Continuous Count Traffic Count Program Zone 2	June 2021	\$2,225,000	This initiative is the Continuous Count Traffic Count Program for Zone 2 with full performance-based maintenance and upgrade services in Zone 2 to provide better coverage, distribution, and differentiation by functional classification of roadway, geographic area, and seasonality of traffic patterns.
C-17-53	Pavement Condition Data Collection Services	December 2024	\$20,500,000	The goal of this project is to collect pavement condition data as necessary to comply with annual state and federal requirements and NYSDOT pavement management practices and to develop and maintain a system by which to track location, dimension and condition of other highway related assets.
C-17-56	Statewide Coordination of Metropolitan Planning Programs	March 2021	\$200,000	The goal of this project is to support and maintain the ongoing coordination of the metropolitan planning programs in NYS for statewide benefit; the ongoing collaboration of the fourteen (14) metropolitan planning organizations (MPOs); and the on-going coordination of metropolitan and statewide planning programs.

SPR Funded Projects that Impact Metropolitan Areas

SPR#	Project Title	Projected End Date	SPR Funding	Short Description
C-18-51	Statewide Analysis of All Horizontal Curves and Associated Curve Warning Signs	May 2020	\$2,000,000	The goal of this project is to determine sign changes required to meet 2009 Manual of Uniform Traffic Control Devices (MUTCD) requirements. The objective is to hire a consultant to collect information required to inform the design and construction steps necessary to bring horizontal curve warning signs into compliance with the 2009 MUTCD. These sign changes are expected to reduce accidents within horizontal curves on the New York State (NYS) highway system.
C-18-53	Probe Data: Floating Car (GPS-based)	August 2023	\$337,500	The goal of this project is to purchase floating car probe data to establish performance targets to assess travel reliability, congestion and emissions, and to perform other analyses and visualizations of road performance for both passenger cars and trucks. This data will be utilized by the Department and its fourteen-partner Metropolitan Planning Organizations (MPOs). Currently, the Federal Highway Administration provides (no fee) floating car probe data collected by INRIX as a single, consistent source of data for all states to utilize.
C-18-54	Statewide Small Culvert Inventory & Inspection System Improvements	December 2022	\$4,000,000	The goal of this project is to expand the number of small culverts contained within the Department's AgileAssets Maintenance Management System (MMS) to create a complete statewide inventory and inspection of small culverts. The consultant will go into the field to locate small culverts and collect data related to physical attributes and inventory and inspection information.
C-18-55	New York State Transportation Master Plan	September 2022	\$2,000,000	The goal of this project is to produce an updated, statewide long-range transportation plan to coordinate federal and state transportation planning activities.
C-18-57	BrM Implementation and Operations Support for Tunnel Inspections	September 2021	\$50,000	The goal of this project is to customize and implement Bridge Management software (BrM) for tunnel inspections and to support other bridge management functions.