

SOUTH

JERSEY

TRANSPORTATION

PLANNING

ORGANIZATION

UNIFIED

PLANNING

WORK

PROGRAM

FISCAL YEAR 2016

SOUTH JERSEY
TRANSPORTATION PLANNING
ORGANIZATION
FY 2016
UNIFIED PLANNING WORK PROGRAM

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

FY 2016 UNIFIED PLANNING WORK PROGRAM

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OVERVIEW

PURPOSE OF THE UNIFIED PLANNING WORK PROGRAM

The South Jersey Transportation Planning Organization (SJTPO) is the federally recognized Metropolitan Planning Organization (MPO) for the southern New Jersey region, serving Atlantic, Cape May, Cumberland, and Salem Counties. Under federal law, MPO's carry out transportation planning and decision-making for urbanized areas. Formed in mid-1993, SJTPO replaced three small existing MPO's and incorporated areas not previously served.

MPO's are responsible for maintaining a continuing, cooperative, and comprehensive transportation planning process. They provide a forum for cooperative decision-making among responsible state and local officials, public and private transit operators, and the general public. They coordinate the planning activities of participating agencies and adopt long range plans to guide transportation investment decisions. MPO's are also responsible for capital programming through an annually-updated multi-year Transportation Improvement Program, which contains all federal and state funding for surface transportation projects and programs.

Other key activities include promoting transportation improvements needed in the region and project development. In addition, MPO's ensure the region's compliance with federal regulations affecting transportation decisions, such as the Clean Air Act Amendments of 1990. In meeting federal requirements, MPO's maintain the eligibility of their member agencies and transit operators for federal transportation funds for planning, capital improvements, and operations.

Each year, MPO's prepare a Unified Planning Work Program (UPWP), in cooperation with member agencies, to describe all metropolitan transportation and transportation-related air quality planning activities anticipated within the area during the year. The UPWP includes the work of member agencies and consultants, as well as the work done directly by the MPO's Central Staff. As of the date of this document, SJTPO Central Staff is projected to consist of the following individuals and responsibilities:

Timothy G. Chelius, P.P., AICP, Executive Director: Overall SJTPO operations

Tina Arcaro, Traffic Safety Specialist (PT): DDACTS, Share the Keys, community traffic safety education

Wayne Shelton, Traffic Safety Specialist (PT): Community traffic safety education

Robert Clarke, Traffic Safety Specialist, (PT): Community traffic safety education

Monica LoGuidice, Manager of Administration: Office and contract management

Nancy Hammer, Budget Analyst: Budgeting, TIP data base management, TAC support

Jennifer Marandino, P.E., Team Leader, Safety & Capital Programming: safety engineering and planning, capital programming, project development

Alan Huff, Senior Transportation Planner: DDACTS, GIS, website, safety planning

John Petersack, Capital Program Specialist (PT): TIP/STIP

David Heller, P.P., AICP, Team Leader, Regional & Systems Planning: Travel demand modeling, regional planning, air quality analysis, technical assistance

William Schiavi, CPA, AICP, Manager of Regional Planning: Asset management systems

Teresa Thomas, Safety Program Manager: Traffic safety grant management, administrative support

Andrew Tracy, Transportation Planner: Modeling, data analysis, CMAQ Program, project development

Michael Reeves, P.P., AICP, Special Projects Coordinator (PT): Subregional Transportation Work Program

VACANT, Transportation Planner: Performance management

THE TRANSPORTATION PLANNING ENVIRONMENT

The federal Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) established a new agenda for maintaining and investing in the nation's transportation infrastructure. Under this landmark legislation, MPO's were entrusted with an expanded role in transportation planning and capital programming. They became partners with state government in making decisions about how transportation tax dollars are spent, thus bringing decisions closer to those served. The Transportation Equity Act for the 21st Century (TEA-21), enacted in 1998, basically reaffirmed and retained the structure of the planning process under ISTEA, as did the passage of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) in 2005.

The formation of the SJTPO provided a stronger regional approach to solving transportation problems and brought new opportunities to southern New Jersey. Also, SJTPO is a Transportation Management Area, since it serves an urbanized population exceeding 200,000. This designation boosts the resources that can be pooled to address regional problems and qualifies SJTPO for specific shares of federal transportation funds.

MAP-21, the Moving Ahead for Progress in the 21st century Act (P.L. 112-141), was signed into law by President Obama on July 6, 2012. Funding surface transportation programs at over \$105 billion for fiscal years FY 2013 and 2014, MAP-21 is the first long-term highway authorization enacted since 2005.

MAP-21 is a milestone for the U.S. economy and the nation's surface transportation programs. By transforming the policy and programmatic framework for investments to guide the system's growth and development, MAP-21 creates a streamlined and performance-based surface transportation program and builds on many of the highway, transit, bike, and pedestrian programs and policies established by ISTEA.

MAP-21 requires that SJTPO's plans and programs consider eight high-priority issues. The activities and products of this UPWP address all eight areas, which are:

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;
- Increase the accessibility and mobility of people and for freight;
- Protect and enhance the environment, promote energy conservation, and improve quality of life; and promote consistency between transportation improvements and State and local planned growth and economic development patterns
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation; and
- Emphasize the preservation of the existing transportation system

This Unified Planning Work Program sets forth the steps SJTPO will take during the coming fiscal year to improve transportation in the region and to meet the challenges of MAP-21.

SJTPO STRUCTURE

The governing body of the SJTPO is the Policy Board. It consists of eleven voting members -- one elected official from each county government, one municipal elected official from each county (specifically including the Mayors of Atlantic City and Vineland), and one representative each from the New Jersey Department of Transportation, New Jersey Transit, and the South Jersey Transportation Authority.

The fourteen member Technical Advisory Committee provides input to the Policy Board. It consists of staff of each Policy Board member, as well as representatives of the New Jersey Turnpike Authority and the Delaware River and Bay Authority, along with the chairperson of the Citizens Advisory Committee. A wide variety of other agencies are also invited to participate in the Technical Advisory Committee.

The SJTPO Citizens Advisory Committee represents a broad cross-section of interested individuals from each of SJTPO's counties. Other interested individuals and associations also participate and are added to the mailing list upon request. The CAC was established as part of SJTPO's initial structure in recognition of the importance of public involvement to the organization.

REGIONWIDE FY 2016 PLANNING PRIORITIES

Integrating safety considerations into regional planning and capital programming will continue to be a top priority in FY 2016. SJTPO will continue to employ the Highway Safety Manual and Rutgers CAIT's Plan4Safety tool to advance safety projects and programs in a variety of ways, including: continuing regional traffic safety education, significant coordination with DVRPC in traffic safety programs, technical studies, and the allocation of significant staff resources to safety programs and analysis.

Improving safety on South Jersey roadways is SJTPO's highest priority. In FY 2015, SJTPO developed a five-step, data-driven process to take advantage of federal Highway Safety Improvement Program (HSIP) funds. The purpose of the HSIP is to achieve a significant reduction in fatalities and serious injuries on all public roads through a data-driven, strategic approach to improving highway safety. This includes local roadways that may not otherwise be eligible for other federal funds. SJTPO's Local Safety Program will generate HSIP-eligible safety projects in Atlantic, Cape May, Cumberland, and Salem counties through a five-step process. And in an effort to remove a common barrier in applying for safety projects, SJTPO intends to offer final design assistance to our member agencies

SJTPO will continue its wide – ranging data collection program, which will serve as the basis for infrastructure performance measures so that our system preservation planning and programming will flow from a region-wide data-driven, performance-based protocol. Also, SJTPO will support livable community efforts in our region through our involvement and assistance in the Safe Routes to School Program and Transportation Enhancements Program.

Other core responsibilities of MPO's under federal law and SJTPO practice continue to be prominent work program activities. These include updating the Transportation Improvement Program, conducting required air quality analysis, managing SJTPO's Local Lead, Local Safety, and CMAQ Programs, and supporting federal research and outreach programs.

We will also devote considerable attention to FHWA's priorities for FY 2016, which include MAP-21 Implementation, Models of Regional Planning Cooperation, and Ladders of Opportunity.

UPWP SUMMARY AND INDIVIDUAL AGENCY PRIORITIES

Below is a summary of the major responsibilities and priorities of the agencies that are being funded through this UPWP. The full work programs follow in the body of this document.

Central Staff Work Program (\$1,123,570) – In addition to the region-wide priorities discussed above, the Central Staff Work Program will have a substantial emphasis on management of Technical Studies and the Local Scoping Program, oversight and direction of administrative support operations, and conducting traffic safety education and training throughout eight counties in the southern portion of New Jersey. In addition, advancing safety projects and programs will be a significant task, as SJTPO continues in its nationally recognized leadership role in integrating safety into planning. Staff will prepare FY 2015 amendments and the FY 2017 UPWP. See Tables 1A and 1B for matrices depicting the association among SJTPO’s Work Program tasks, Regional Transportation Plan 2040 goals, and MAP-21 factors.

Administrative Services (\$75,000) – Administrative services are provided by the South Jersey Transportation Authority pursuant to a formal agreement with NJDOT and SJTPO.

Subregional Transportation Planning Work Programs (\$348,500) – SJTPO Counties are vital partners in all SJTPO planning processes, and they receive funds through this UPWP to support their contributions to SJTPO, as well as other transportation planning needs of their jurisdictions. They have many activities in common, including contributing to Regional Transportation Plan Updates and related projects. SJTPO Counties also assist the JARC program, participate in the SJTPO Transportation Improvement Program, support public involvement, and provide other assistance to SJTPO priorities described above.

The County Subregional Planning Work Programs all include a specific “Task III” product in addition to general transportation planning activities. The total STWP funding per County and each County’s individual Task III product are:

- Atlantic County – \$142,000: Atlantic County will conduct an in-house corridor study centering on Jimmie Leeds and Pitney Roads in Galloway Township after construction is completed on Garden State Parkway Exits 41 and 44.
- Cape May County – \$58,000: An update of the Transportation Element of the Cape May County Comprehensive Plan to meet the requirements of the County Enabling Act will be completed by a consultant and by County staff. This Task was deferred from FY 2015.
- Cumberland County – \$90,500: With consultant assistance, this project will study signal optimization for Broad Street in Millville and Main Road in Vineland.
- Salem County – \$58,000: This project will yield a comprehensive traffic counting program conducted by county staff.

Technical Program (\$1,423,528) – To supplement the various agency work programs described above, SJTPO will support technical studies and projects performed by consultants, as follows:

- Professional & Technical Services (\$100,000) – This task will fund specialized services to support our 2040 Regional Transportation Plan implementation, such as further travel demand model development, air quality analysis, public involvement, marketing, and others.
- RTP Scenario Planning (\$150,000)
- Ladders of Opportunity Assessment (\$50,000)
- Program Support Data Collection (\$250,000) – two year project

- Local Safety & CMAQ Project Development (\$313,528) – two year project
- Sign Management System Data Collection (\$510,000) – two year project
- SJTPO Website Development (\$50,000)

A total of \$2,970,598 is programmed for use within this document, as is detailed in the "Financial Information" section.

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

The annual Unified Planning Work Program also describes all anticipated regionally significant transportation planning activities in the region, regardless of funding source or agencies conducting the activities. The information is intended to broaden awareness of related activities, to prevent duplication of planning and study efforts, and to encourage coordination of all transportation planning underway in the region.

CENTRAL STAFF WORK PROGRAM

ACTIVITY 16/110: REGIONAL TRANSPORTATION PLANNING

Task 16/111: TRANSPORTATION SAFETY PLANNING (TSP)

Objective:

Transportation Safety Planning (TSP) is a proactive approach aimed at preventing crashes and unsafe conditions. SJTPO has been conducting multidisciplinary programs by integrating engineering, enforcement, education, and planning, and will continue to do so in FY 2016.

In FY 2016, key activities include the use of Plan4Safety and the AASHTO Highway Safety Manual, which support our systematic approach to identify high crash locations and appropriate countermeasures. This and other quantitative tools, along with the qualitative input from safety professionals, provide input for capital programming decisions.

Activities and Products:

1. Work with Rutgers University, NJDOT, FHWA, and the National Highway & Traffic Safety Administration and others to advance TSP safety.
2. Support for Data Driven Approaches to Crime and Traffic Safety Program (DDACTS) for select jurisdictions (NOTE: Funding for a significant portion of this activity has been committed through FY 2016 by the NJ Division of Highway Traffic Safety). SJTPO will work with the City of Vineland and other municipalities on DDACTS pilot projects.
3. Continuation of UPWP-funded safety activities, such as Safety Project Development.
4. Utilization of crash data and Plan4Safety for program analysis, special studies, etc. in cooperation with the Rutgers Transportation Safety Resource Center, CAIT-LTAP, and other stakeholders.
5. Work closely with statewide stakeholders in the implementation of the Statewide Highway Safety Plan.
6. Assist county and local governments in identifying and preparing NJDOT Local Aid projects resulting from safety analysis and studies.

Funding: Estimated cost is \$130,000

Federal Aid Agreement: PL- ()

Program Manager: Jennifer Marandino

Task 16/112: 2040 REGIONAL TRANSPORTATION PLAN DEVELOPMENT AND IMPLEMENTATION

Objective:

One of the principal requirements of federal transportation law for Metropolitan Planning Organizations (MPO's) is the development and regular updating of a plan to guide policy and programming decisions. The current RTP was updated and adopted, with a 2040 horizon year, in July, 2012. This task will support continued plan outreach and refinement during FY 2016, as well as the preparation of a Plan update by July 2016.

Activities and Products:

1. Utilize the Task 2 (Performance Measure) products of the NJDOT State Long Range Transportation Plan, as the basis for building upon SJTPO's Regional Performance Measures.
2. Utilize the Task 5 (Reporting System) product of the NJDOT State Long Range Transportation Plan, for SJTPO system performance evaluation.
3. Continue the implementation of the 2040 RTP. This will include:
 - a. Further application of the enhanced South Jersey Travel Demand Model, especially in the evaluation of strategies required as part of SJTPO's Congestion Management Process (CMP).
 - b. In conjunction with the tasks above, continue to build upon USDOT's increasing emphasis on performance-based planning by acquiring additional data, developing additional performance measures, and further strengthening the linkage between SJTPO and operations agencies in the hopes of maximizing the performance of the existing and planned transportation system.
4. Incorporate Management System output into SJTPO's overall transportation planning process.
5. Prepare 2040 Regional Plan Update, including research and data compilation.

Funding: Estimated cost is \$80,000

Federal Aid Agreement: PL- ()

Program Manager: David Heller

Task 16/113: REGIONAL AND CORRIDOR PLANNING

Objective:

SJTPO will participate in planning on a statewide, regional, and sub-regional level. SJTPO accomplishes this by directly conducting some planning efforts and by participating in the comprehensive transportation planning activities of other agencies to represent the region's interests in the other agencies' work. This task includes SJTPO's involvement in studies and other planning not funded by SJTPO.

Activities and Products:

1. Participate in New Jersey's statewide transportation planning efforts through involvement with committees involved with statewide planning and operations, such as the Intelligent Transportation Society of New Jersey (ITS-NJ) Board of Directors, NJDOT's Congestion Management System Committee and Bridge Management Subcommittee, NJ County Transportation Association's TransAction Committee, and many others. These activities will result in improved statewide policy and capital programming reflecting SJTPO priorities and needs.
2. Participate in regional transportation planning efforts by advising regional agencies on the SJTPO Regional Transportation Plan and SJTPO priorities and programs. Forge a strong connection between the SJTPO Plan and priorities to other agencies' plans. SJTPO will accomplish this by taking an active role in the other agencies' planning process with regards to the South Jersey region and SJTPO's transportation network.
3. Participate in sub-regional transportation planning efforts by conducting, managing or participating in the planning efforts affecting our sub-regional partners such as the counties and municipalities. This will ensure that projects and programs affecting SJTPO's transportation network are fully responsive to SJTPO policies and help support SJTPO's planning process.

Funding: Estimated cost is \$90,000

Federal Aid Agreement: PL- ()

Program Manager: David Heller

Task 16/114: CURRENT REGIONAL ISSUES

Objective:

Responding to current regional issues is an on-call activity of regional significance. Staff will provide support to the organization to promote the regional viewpoint on or advance specific programs, plans, and projects. Issues which arise through this task may be subsequently addressed in the Regional Transportation Plan, the Unified Planning Work Program, the Transportation Improvement Program, or NJDOT's Study and Development Program.

Activities and Products:

1. Investigate, collect data, prepare analyses, develop recommendations, prepare correspondence and reports, and coordinate with other agencies. Representative examples of possible topics are proposed highway projects, traffic problems, bus service, transit proposals, economic development issues, bicycle and pedestrian needs, and airport-related plans. Actual topics are identified on an ongoing basis, often by Policy Board or Technical Advisory Committee action. Some expected activities are identified below.
2. Work with the sub-regions to assist with Human Services Transportation programs. Work with the Delaware Valley Regional Planning Commission and the North Jersey Transportation Planning Authority on matters affecting the Philadelphia and North Jersey regions.
3. Provide technical assistance to member counties and municipalities, and assist NJDOT in preparing financial plans for major capital projects as necessary.
4. Assess the implications for the region of any new or proposed State or federal legislation, regulations, and the policies.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Manager: David Heller

Task 16/115: GEOGRAPHIC INFORMATION SYSTEM

Objective:

This task calls for the continued development and application of the Geographic Information Systems (GIS) and digital data used by SJTPO. GIS assembles, stores, manipulates and displays geographically-referenced information. Expansion of the GIS and database might include additional software and hardware, as well as new digital and printed data. This system will support the planning process by providing visualization capability.

Activities and Products:

1. Collect and assemble GIS related data from various sources, including the US Census, State Data Center, NJDOT, FHWA, FEMA, Counties, neighboring MPOs, and other State Departments, and the SJTA. Maintain a regional profile from these and other data sources.
2. Prepare, enhance and update regional and sub-regional databases and general information in ArcView GIS format to support the SJTPO Regional Plan, selected projects, and the regional planning process.
3. Integrate the South Jersey Travel Demand Model updates and the New Jersey Congestion Management System files with the current GIS databases to further develop and enhance the regional database.
4. Develop the SJTPO GIS capabilities to support performance-based capital programming techniques, and explore the potential for integrating transportation and asset management.
5. Develop SJTPO GIS capabilities to support the Congestion Management Process (Task 16/116).
6. Remain current on the latest in GIS technology to identify beneficial enhancements in hardware and software.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Manager: David Heller

Task 16/116: CONGESTION MANAGEMENT PROCESS

Objective:

The federal Intermodal Surface Transportation Efficiency Act (ISTEA) mandated that larger Metropolitan Planning Organizations (MPO's) in air quality non-attainment areas, such as SJTPO, develop and maintain a Congestion Management Process (CMP) for their region. The CMP provides SJTPO with comprehensive data on congestion and its causes, along with methods for screening and evaluating strategies to address the problems. During FY 1998, the then-CMS for the SJTPO region became fully operational, and subsequent enhancements have been made to SJTPO's CMP, notably, the use of the South Jersey Travel Demand Model as the primary technical tool. The newly updated South Jersey Travel Demand Model will continue to be utilized as a tool, as well as NJ DOT's CMS program.

Activities and Products:

1. Operate SJTPO's Congestion Management Process.
2. Develop additional performance measures at the corridor and facility level to examine causes and duration of congestion. Link to performance goals, development of location specific needs and alternative analysis (strategy level), documented methodology to evaluate external problem statements, illustrate prioritized list of needs to be incorporated back into RTP.
3. Continue system monitoring, including before/after studies to assess strategy effectiveness
4. Operate CMP tools, such as the SJTPO Travel Demand Model, the existing NJ DOT CMS program as well as the new CMS-21 program for selected output measures and on-call planning activities.
5. Investigate and operationalize the use of additional sketch-planning tools that will enhance the SJTPO's CMP.

Funding: Estimated cost is \$80,000

Federal Aid Agreement: PL-11(051)

Program Manager: Bill Schiavi

Task 16/117: PUBLIC INVOLVEMENT and Title VI

Objective:

A major thrust of ISTEA was the promotion of greater public involvement in transportation planning and decision-making, with MPO's playing a central role. SJTPO adopted a formal Public Involvement Policy describing the procedures it will follow, which was updated in 2010. Specific public involvement activities in other tasks supplement the more general activities in this task. Each sub-regional work program also supports SJTPO's public involvement.

Activities and Products:

Public Information

1. The Citizens Advisory Committee was reconstituted in FY2014 as a means to enhance our public participation process, and the CAC will be active throughout FY2016.
2. Continue to utilize the SJTPO homepage www.sjtpo.org to provide information and features, and as a means to solicit public comment. Visualization components will be added to the website when available to aid in portraying issues and in describing planning priorities.
3. Develop a prototype for a user-driven, web-enabled interactive project search and mapping application, as has been implemented by other MPOs.
4. In conjunction with Task 2, investigate and institute additional methods of increasing our public involvement and awareness of the SJTPO as a whole as well as its mission. These methods will include a greater incorporation of social media as well as the use of other new technologies.
5. Issue the electronic SJTPO *On the Go* newsletter for regular communication to a wide audience up to four times in FY 2016.

Title VI / Environmental Justice

1. Remain current on Title VI activities, monitor federal and state requirements, review contract documents for conformance with applicable policies
2. Use current data to map areas of under-served, low income, minority, disabled, and the elderly in preparing the next RTP Update.
3. Analyze the TIP with respect to the impact of SJTPO projects on Title VI/EJ populations of concern.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Managers: David Heller (CAC, Title VI, EJ Analysis), Alan Huff (Public Information)

ACTIVITY 16/120: SAFETY

Task 16/121: SJTPO TRAFFIC SAFETY EDUCATION PROGRAMS

Objective:

This task funds SJTPO's traffic safety education programs and initiatives in conjunction with the NJ Division of Highway Traffic Safety.

Activities and Products:

1. Continue to secure grants and perform grant management for SJTPO traffic safety programs.
2. Implement major overhaul to SJTPO website to present and publicize safety education programs, with consultant support from Task 16/407.
3. Attend meetings to share information on the SJTPO's programs and serve as a regional clearinghouse for federal, state and local traffic safety initiatives.
4. Distribute materials and supplies to member agencies and the public.

Funding: Estimated cost is \$80,000

Federal Aid Agreement: PL- ()

Program Manager: Timothy Chelius

Task 16/122: SAFETY OUTREACH AND RESEARCH

Objective:

This task will extend SJTPO’s safety programs to local agencies, institutions, and communities. Such programs include Share the Keys (www.njteendriving.com/share-the-keys); Champion Schools (www.ugotbrains.com/champion-schools); Belts on Bones; the Most Dangerous Place on Earth; Carfit (www.car-fit.org); motorcycle and commercial vehicle operator training; defensive driving, and others. SJTPO will reach out to government agencies, schools, community service organizations, and other appropriate agencies to build upon its successful program and undertake new initiatives. SJTPO will serve as a key technical resource in terms of data collection, public involvement, and organizational support.

Activities and Products:

1. Work with community organizations to advance local safety initiatives.
2. Establish or support County-level Community Traffic Safety Programs in the SJTPO region.
3. Partner with the Delaware Valley Regional Planning Commission and the North Jersey Transportation Planning Authority to expand the Share the Keys teen driving program statewide and into Pennsylvania.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Manager: Timothy Chelius

ACTIVITY 16/130: PROJECT DEVELOPMENT AND PROGRAMMING

Task 16/131: TRANSPORTATION IMPROVEMENT PROGRAM

Objective:

This task prepares and maintains the region's Transportation Improvement Program (TIP), which is an annually updated ten-year list of projects scheduled for federal and state funding. The TIP has been the central component of the federal transportation planning process since its inception, and became even more important under the federal Intermodal Surface Transportation Efficiency Act (ISTEA) because of the greater role in decision-making provided to Metropolitan Planning Organizations. Please go to <http://www.sjtpo.org/tip.html> to review SJTPO's TIP.

Activities and Products:

1. Complete final FY 2016-2019 TIP
2. Process TIP amendments and modifications needed throughout the year via E-STIP.
3. Monitor the progress of projects through the SJTPO/NJDOT Study and Development process, which develops candidate projects for future inclusion in the TIP. Identify and prioritize new projects to enter the program and coordinate with NJDOT's annual selection process.
4. Continue SJTPO's HSIP and CMAQ Project Development Programs
5. Identify and screen candidate projects to enter the FY 2017-2026 TIP project selection pool.
6. Work with the State to develop the financial plan for the TIP.
7. Manage the TIP review process and conduct public involvement.

Funding: Estimated cost is \$120,000

Federal Aid Agreement: PL- ()

Program Manager: Jennifer Marandino

Task 16/132: AIR QUALITY PLANNING

Objective:

Metropolitan Planning Organizations (MPO's) are responsible for assuring conformity of transportation decisions with the air quality State Implementation Plan (SIP) and the federal 1990 Clean Air Act Amendments. They are also called upon to participate in a variety of Statewide air quality planning efforts and must represent their region's interests in transportation air quality matters.

Activities and Products:

1. Coordinate with Statewide transportation air quality planning efforts, including:
 - a. Monitoring the development of SIP revisions and providing input to represent the region's interests when needed. This task includes ensuring the adequacy of emissions budgets for the SJTPO region to maintain a conforming Regional Transportation Plan and TIP.
 - b. Participating in completion of the State conformity rule and in clarifying procedures under it.
2. Conduct any procedures required under transportation conformity regulations for adoption of any Year 2040 Regional Transportation Plan amendments (as required), FY 2016-2025 Transportation Improvement Program and amendments thereto, and for development of the FY 2017-2026 Transportation Improvement Program, including as needed:
 - a. Classifying projects for analysis.
 - b. Managing conformity analysis by consultants.
 - c. Conducting interagency consultation procedures.
 - d. Preparing formal documents.
3. Continue work on greenhouse gas issues, including:
 - a. Participation in efforts spearheaded by the NJDEP to create a stronger link between federally-mandated MPO activities such as long-range transportation plans and TIPs and state-mandated GHG targets.
 - b. Use, evaluation, and transfer to subregions of available user-friendly tools to help identify, prioritize, and implement cost-effective strategies to reduce the carbon footprint of municipal and/or county operations.

Funding: Estimated cost is \$100,000

Federal Aid Agreement: PL- ()

Program Manager: David Heller

Task 16/133: LOCAL PROJECT DEVELOPMENT

Objective:

Since 1995, SJTPO has managed a program allowing subregions to participate in the federal project development process. This completes the feasibility assessment, preliminary engineering, and environmental clearances that are prerequisite to securing federal funds through the TIP.

Activities and Products:

1. Issue requests for proposals and manage consultant selection.
2. Manage consultant or in-house work to collect and analyze data, assist subregions in needs identification and program applications, and conduct the SJTPO CMAQ and HSIP programs. Significant consultant assistance will be derived from UPWP Task 16/404, Program Support Data Collection, and Task 16/405, Local Safety and CMAQ Project Development.
3. Track technical issues in order to predict project readiness for inclusion in the SJTPO project pool.

Funding: Estimated cost is \$120,000

Federal Aid Agreement: PL- ()

Program Manager: Jennifer Marandino

ACTIVITY 16/140: PROGRAM ADMINISTRATION

Task 16/141: ADMINISTRATION AND INTERNAL MANAGEMENT

Objective:

This task provides the internal management and administrative work necessary to sustain the Central Staff operation, including grant management.

Activities and Products:

1. Maintain SJTPO office budget and expense records, prepare time sheets, conduct procurement activities, develop related records, and complete other grant procedures.
2. Oversee and manage SJTA financial administration, including findings of independent audit conducted in FY 2014.
3. Ensure full compliance of SJTA and other grantees and subcontractors with the requirements of OMB 2 CRF Chapter I, Chapter II, Part 200, et al.
4. Provide office support to the part time employee of the South Jersey Economic Development District, pursuant to an agreement between SJEDD and SJTPO.
5. Monitor progress and submit grant progress reports and close outs.
6. Conduct human resource management activities.

Funding: Estimated cost is \$100,000

Federal Aid Agreement: PL- ()

Program Manager: Monica LoGuidice

Task 16/142: BOARD AND COMMITTEE SUPPORT

Objective:

This task provides the routine support for the Policy Board, the Technical Advisory Committee, Citizens' Advisory Committee, Congestion Management Process Advisory Committee, and any ad hoc committees not specifically dedicated to other tasks.

Activities and Products:

1. Arrange locations and times for meetings, issue Open Public Meetings Law notices.
2. Formulate and distribute agendas, make meeting reminder calls, release cancellation notices.
3. Assemble member credentials, update meeting mailing lists and membership rosters, and compile other contact lists.
4. Produce meeting materials, copy and distribute materials supplied by others.
5. Prepare for and attend meetings, take and transcribe minutes, maintain records.
6. Produce resolutions and correspondence, and assist officers and chairs.
7. Answer requests from both members and outside sources, refer information.
8. Maintain and update SJTPO website.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Manager: Monica LoGuidice

Task 16/143: UNIFIED PLANNING WORK PROGRAM

Objective:

This task will prepare the Unified Planning Work Program (UPWP) for the coming years to describe all transportation planning and transportation-related air quality planning activities for the region and to document the allocation of federal transportation planning funds. The UPWP essentially serves as the master regional transportation planning funding application. The general content of the UPWP will reflect the requirements applicable to Metropolitan Planning Organizations (MPO's) that are designated as Transportation Management Areas.

Activities and Products:

1. Direct development of FY 2017 work program for the subregions and technical studies.
2. Develop the FY 2017 Central Staff work programs in coordination with member agencies, including special consideration at TAC and/or special meetings.
3. Compile the FY 2017 UPWP documents, prepare the budgets, and coordinate the MPO reviews.
4. Process UPWP amendments and related contract modifications.
5. Prepare Self-Certification documents, coordinate with federal agency representatives, complete other procedures related to compliance with federal requirements, and keep current on changes in requirements.

Funding: Estimated cost is \$50,000

Federal Aid Agreement: PL- ()

Program Manager: Timothy Chelius

Task 16/144: SUBREGIONAL AND TECHNICAL PROGRAM MANAGEMENT

Objective:

SJTPO Central Staff oversees the four county Subregional Transportation Planning Programs, including coordinating and reviewing the work through the year. In addition, it manages the technical studies performed by consultants or member agencies. This task also covers managing the task order and contracting process for these programs, as well as technical assistance when appropriate.

Activities and Products:

1. Manage the task order and contracting processes.
2. Manage the technical studies, including preparation of the scope of work, consultant selection, and direction throughout the study.
3. Review progress reports and technical products from the subregional programs and technical studies for approval throughout the year.
4. Provide technical assistance to or participate in the studies and subregional program activities, as appropriate.

Funding: Estimated cost is \$47,098

Federal Aid Agreement: PL- ()

Project Managers: Subregional Program – Michael Reeves
 Technical Program – Various

FINANCIAL ADMINISTRATION

Task 16/201: FINANCIAL AND ADMINISTRATIVE SERVICES

Objective:

SJTPO provides funding to the South Jersey Transportation Authority for all personnel, facilities, payroll and related administrative support and services, including, but not limited to: purchasing, grants accounting, human resource management, payroll, accounts payable and accounts receivable in the furtherance of the annual SJTPO UPWP.

Activities/Products:

1. Execute agreements, task orders, and modifications to receive SJTPO's federal funding from NJDOT, and pass SJTPO funds to SJTPO counties and consultants.
2. Provide all financial services necessary to support SJTPO operations, including development of billing rates, purchasing, payroll administration, and annual audit.
3. Provide all financial control and accounting activities necessary to support the contracts with counties and consultants.
4. Provide SJTPO with IT services.

Funding: Estimated cost is \$75,000

Federal Aid Agreement: PL-11(051)

Program Manager: Frank Frankowski, SJTA

FY 2016 SJTPO SUBREGIONAL TRANSPORTATION PLANNING PROGRAM

Task 16/301: ATLANTIC COUNTY FY 2016 SUBREGIONAL TRANSPORTATION PLANNING PROGRAM

Objective:

Improve the efficiency of the region's transportation network and system by participating in Subregional transportation planning efforts. Develop, implement and administer the County's Subregional Work Program. Review and update the information base needed for transportation planning activities. Develop County Transportation Improvement and Study and Development programs and assist SJTPO in their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities and Products:

Tasks I and II of the County Work Program

1. Develop FY 2017 County Subregional Work Program.
2. Provide SJTPO with all traffic counts taken by the County in FY 2016.
3. Provide SJTPO with construction- ready road projects or other (e.g., scoping) projects to be included in the SJTPO TIP.
4. At the request of SJTPO, review, comment and (as needed) participate in, various SJTPO plans, projects and activities.
5. Develop, or participate in the development of, transportation-related plans, projects and activities at the municipal, county, regional and state level.
6. Actively solicit public participation in the County's transportation planning process.

Tasks III of the County Work Program- Jimmie Leeds and Pitney Roads Corridor Study

With the completion of the Garden State Parkway interchanges at Jimmie Leeds Road (Exit 41) and Pomona Road (Exit 44), it is anticipated that local travel patterns and intersection volumes will change dramatically. The purpose of this corridor study is to evaluate the potential for short-term TSM improvements as well as longer term roadway section reconfigurations in response to these anticipated traffic pattern changes. The project will be completed by County staff.

Funding: Estimated cost of the Task III Supportive Study is **\$ 76,000**
Estimated total program cost is **\$ 142,000**

Federal/Local share breakdown of total cost is:

Federal Share (80%) - \$133,600

County Match (20 %) - \$ 28,400

Project Manager: William Schiavi

**Task 16/302: CAPE MAY COUNTY FY 2016 SUBREGIONAL
TRANSPORTATION PLANNING PROGRAM**

Objective:

Improve the efficiency of the region's transportation network and system by participating in Subregional transportation planning efforts. Develop, implement and administer the County's Subregional Work Program. Review and update the information base needed for transportation planning activities. Develop County Transportation Improvement and Study and Development programs and assist SJTPO in their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities and Products:

Tasks I and II of the County Work Program

1. Develop FY 2017 County Subregional Work Program.
2. Provide SJTPO with all traffic counts taken by the County in FY 2016.
3. Provide SJTPO with construction- ready road projects or other (e.g., scoping) projects to be included in the SJTPO TIP.
4. At the request of SJTPO, review, comment and (as needed) participate various SJTPO plans, projects and activities.
5. Develop, or participate in the development of, transportation-related plans, projects and activities at the municipal, county, regional and state level.
6. Actively solicit public participation in the County's transportation planning process.

Tasks III of the County Work Program- County Transportation Plan Update

Update the Transportation Element of the Cape May County Comprehensive Plan to meet the requirements of the County Enabling Act. The project will be completed by a consultant and by County staff.

Funding: Estimated cost of the Task III Supportive Study is **\$ 15,000**
Estimated total program cost is **\$ 58,000**

Federal/Local share breakdown of total cost is:

Federal Share (80%) - \$46,400

County Match (20 %) - \$11,600

Project Manager: William Schiavi

**Task 16/303: CUMBERLAND COUNTY FY 2016
SUBREGIONAL TRANSPORTATION PLANNING PROGRAM**

Objective:

Improve the efficiency of the region's transportation network and system by participating in Subregional transportation planning efforts. Develop, implement and administer the County's Subregional Work Program. Review and update the information base needed for transportation planning activities. Develop County Transportation Improvement and Study and Development programs and assist SJTPO in their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities and Products:

Tasks I and II of the County Work Program

1. Develop FY 2017 County Subregional Work Program.
2. Provide SJTPO with all traffic counts taken by the County in FY 2016.
3. Provide SJTPO with construction- ready road projects or other (e.g., scoping) projects to be included in the SJTPO TIP.
4. At the request of SJTPO, review, comment and (as needed) participate various SJTPO plans, projects and activities.
5. Develop, or participate in the development of, transportation-related plans, projects and activities at the municipal, county, regional and state level. Identify areas, facilities and projects for transportation improvements.
6. Actively solicit public participation in the County's transportation planning process.

Tasks III of the County Work Program- Intersection Improvement Analysis

This project will identify intersections that are to be targeted for improvement analysis. The necessary technical analysis of selected locations will be completed to determine appropriate intersection improvements, and the design of intersection improvements will be prepared as appropriate. The project will be completed by a consultant and County staff.

NOTE: This is a continuation of the Task III technical analysis effort undertaken by the County in FY 2015. This FY 2016 Task III project will focus on intersections not analyzed in FY 2015.

Funding: Estimated cost of the Task III Supportive Study is **\$ 50,000**
Estimated total program cost is **\$ 90,500**

Federal/Local share breakdown of total cost is:

Federal Share (80%) - \$72,400

County Match (20 %) - \$18,100

Project Manager: William Schiavi

**Task 16/304: SALEM COUNTY FY 2016 SUBREGIONAL
TRANSPORTATION PLANNING PROGRAM**

Objective:

Improve the efficiency of the region's transportation network and system by participating in Subregional transportation planning efforts. Develop, implement and administer the County's Subregional Work Program. Review and update the information base needed for transportation planning activities. Develop County Transportation Improvement and Study and Development programs and assist SJTPO in their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities and Products:

Tasks I and II of the County Work Program

1. Develop the FY 2017 County Subregional Work Program.
2. Provide SJTPO with all traffic counts taken by the County in FY 2016.
3. Provide SJTPO with construction- ready road projects or other (e.g., scoping) projects to be included in the SJTPO TIP.
4. Review, comment and (as needed) participate in various SJTPO projects and planning activities.
5. Develop, or participated in the development of, transportation-related plans, projects and activities at the municipal, county, regional and state level.
6. Actively solicit public participation in the County's transportation planning process.

Tasks III of the County Work Program- County Traffic Counting Program

- A. Complete an analysis of selected intersections and road segments. Complete necessary technical analysis of these locations to determine appropriate roadway, intersection, and/or traffic signal improvements. Prepare improvement designs or specifications. This program will be completed by a consultant.
- B. Complete a traffic counting program of selected locations in Salem County. This program will be completed in-house by County Planning and Engineering staff.

Funding: Estimated cost of the Task III Supportive Study is **\$ 30,000**
Estimated total program cost is **\$ 58,000**

Federal/Local share breakdown of total cost is:

Federal Share (80%) - \$46,400

County Match (20 %) - \$11,600

Project Manager: William Schiavi

FY 2016 TECHNICAL PROGRAM

TASK 16/401: PROFESSIONAL AND TECHNICAL SERVICES

This task will fund specialized services to support the 2040 Regional Transportation Plan Update. Possible tasks include air quality assistance, including development and testing of MOVES-based motor vehicle emissions budgets, and development of input data for future State Implementation Plan (SIP) inventories. Other tasks may include updated population and employment projections, professional services to improve SJTPO's Congestion Management Process, or assistance in performance-based planning, especially as required as part of the 2040 RTP Update.

Funding: \$100,000

Federal Aid Agreement: PL- ()

Project Manager: David Heller

Task 16/402: RTP SCENARIO PLANNING AND PUBLIC INVOLVEMENT

This task will utilize consultant assistance to conduct a visioning and scenario planning exercise to explore specific scenarios for the upcoming 2040 RTP Update. Scenarios may center on the following parameters:

- (1) Demographics—Population and Employment Growth, Smart Growth
- (2) Funding Levels—Optimistic, Business as Usual, Pessimistic
- (3) Transportation System—(Transit-oriented scenario, Highway-oriented, Balanced Scenario, Bike-Ped Oriented)

Products may also include customized web application or other software to allow user input into setting of scenarios, such as the DVRPC Choices & Voices application, as well as to allow the public to see visual simulations of scenarios.

Funding: \$150,000

Federal Aid Agreement: PL- ()

Project Manager: David Heller

Task 16/403: LADDERS OF OPPORTUNITY ASSESSMENT

This task will identify transportation connectivity gaps in access to essential services, including housing, employment, health care, education, and recreation. This assessment could include identification of performance measures and analytical methods to measure the transportation system's connectivity to these services, and gaps that preclude access by the public, including traditionally underserved populations. It could also involve the identification of solutions to address those gaps.

Funding: \$50,000

Federal Aid Agreement: PL- ()

Project Manager: David Heller

TASK 16/404: PROGRAM SUPPORT DATA COLLECTION

Data collection is the backbone for many SJTPO programs, including the development and refinement of performance measures, travel demand modeling, and transportation safety planning. This Task may also fund ongoing support for research on AASHTO Highway Safety Manual Safety Performance Function development and calibration applicable to the SJTPO region. Data collection may be in the form of geometric data, traffic counts, travel time runs, and delay studies. The data collection will be limited to county and municipal roadways and intersections within SJTPO's four-county region

Funding: \$250,000; Project completion 6/30/2017

Federal Aid Agreement: PL- ()

Project Manager: David Heller

Task 16/405: LOCAL SAFETY & CMAQ PROJECT DEVELOPMENT

The federal Highway Safety Improvement Program (HSIP) provides funding each year for qualifying safety projects with the intent to achieve a significant reduction in traffic fatalities and serious injuries on all public roads. The federal Congestion Management and Air Quality (CMAQ) Program seeks to improve the region's air quality, currently in non-attainment status. The improvement of SJTPO's traffic systems management and operations in our region, are emphasized by MAP-21 and federal program guidance.

This task will provide consultant support to project sponsors in developing projects for federal funding. Assistance will include the form of project scoping, preliminary plan preparation, environmental screening, as well as other activities, which would support the project sponsors in their preparation of the PS&E packages. Other project development activities could include turning movement counts, signal equipment inventory, Synchro modeling for purposes of determining optimal timings and evaluation of potential improvements.

Funding: ~~\$250,000~~ \$313,528 Amended 7/27/2015; Project completion 6/30/2017

Federal Aid Agreement: PL- ()

Project Manager: Jennifer Marandino

Task 16/406: SIGN MANAGEMENT SYSTEM DATA COLLECTION

In 2007, the Manual of Uniform Traffic Control Devices (MUTCD) established new requirements to maintain nighttime sign visibility. Local agencies must maintain sign retroreflectivity through an assessment or management method at or above minimum levels as established within Table 2A-3 of the Manual of Uniform Traffic Control Devices (MUTCD).

Data collection efforts will collect sign retroreflectivity measurements for all regulatory and warning signs in the inventory using an MUTCD-compliant method. The sign inventory and retroreflectivity measurements will complement the existing pavement condition and roadside asset inventory for all county roads within the region and municipal roadways in the City of Vineland. This task also requires the delivery of accompanying software to provide users with the capability to update the inventory after the initial data collection efforts.

Funding: \$450,000 \$510,000 Amended 7/24/2015; Project completion 6/30/2017

Federal Aid Agreement: PL- ()

Project Manager: Jennifer Marandino

Task 16/407: SJTPO WEBSITE DEVELOPMENT

This task will provide consultant support to redevelop the SJTPO website to maximize visualization, accessibility, and transparency for the public as well as the utility, ease, and flexibility for SJTPO staff to manage and maintain it in the future. SJTPO currently develops and maintains its website internally and will continue to maintain it after its redevelopment. The primary audiences for the website should include the public, technical professionals, and elected officials. A driving force behind this effort is the integration of Safety Outreach and Education activities into the SJTPO website to improve transparency and to better showcase SJTPO work and partnerships.

This task also includes: selecting a tool for staff to maintain and manage the website; selecting a compatible web host and migrating content; training staff to utilize the management tool; collecting and developing high quality graphics to highlight the SJTPO region and simplify planning concepts for the public; working with a team of SJTPO staff to incorporate needs of various activities and departments; and evaluating additional tools to incorporate into the website that maximize its value to the public, such as social media, blogs, etc.

Funding: \$50,000

Federal Aid Agreement: PL- ()

Program Manager: Alan Huff

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

16/501:

NJ TRANSIT

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

NJ TRANSIT has over the last decade established a series of ongoing programmatic planning efforts involving both the use of in-house staff, and using NJT's on-call consultants, selected through a competitive process, to augment NJT's staff capabilities to undertake specific analyses of proposals, issues and specific needs. In addition, depending on the scale of the proposed work effort and the skills and experience needed to successfully undertake that body of work, NJT will issue RFP's and select consultants this way through a competitive process. **All work within these programs is regulated by the availability of funding whether within NJT's budget or through partnerships with other agencies.**

SUBJECT: Community Services Planning and Support

DESCRIPTION: This program focuses on planning, analysis, and support relating to human services transportation programs. Among NJT's responsibilities is administering the distribution and use of Federal funding intended for providing vehicles and operating assistance for community centered paratransit and other related services. Planning efforts include support for the development of local human services transportation plans, analysis of the performance, effectiveness, coordination with and demand for human services transportation programs/efforts, analysis of funding sources and mechanisms, program oversight, and other planning and analyses relating to community transportation services.

SCHEDULE: Ongoing, as required

PRODUCT: Plans/reports and other services, as required

SUBJECT: Qualitative & Quantitative Research

DESCRIPTION: Through this program, NJ TRANSIT regularly updates our knowledge of customer needs and preferences for use in our travel demand forecasting process, to address FTA requirements and ensure travel demand forecasting computer models are current in the background information they use. Surveys of our customers' needs and assessments of our transit services will be undertaken and published/made public. They will report on how well we are meeting our customer's expectations. This compliments other functional and financial measures. Market research initiatives are also undertaken to address specific issues. For example, prior to initiating a new campaign to convince young people not to walk on railroad tracks, a special effort was undertaken to speak to parents

and teenagers respectively concerning what message and medium would be most effective. This information was used to produce public service announcements on the radio and TV. In combination with existing survey efforts, a focus will be placed on dimensioning trends in transit use and their origins, specifically related to demographic and work place changes.

SCHEDULE: Ongoing, as required

PRODUCT: Analyses and reports as required

SUBJECT: Rail Operations and Infrastructure Planning

DESCRIPTION: This program area provides for planning support for rail-related initiatives and associated infrastructure needs and issues. This work primarily defines the infrastructure needs based on proposed operating plans which address projected ridership on rail transit services and/or to address safety, storm and related forms of resiliency and reliability concerns. It includes basic operations planning support (schedule development, crew and equipment plans, and train performance analysis), as well as development of network performance simulations and interpretation/reporting. The program also provides for rail infrastructure planning and conceptual design for rail transit projects.

SCHEDULE: Ongoing, as required

PRODUCT: Analyses and reports as required

SUBJECT: Ridership Forecasting

DESCRIPTION: This program area involves development of ridership and revenue forecasts, as well as development and updating of forecasting models, in support of major capital projects, transit service planning, major service initiatives, and various other efforts. Much of the work undertaken is to comply with Federal Transit Administration (FTA) requirements and guidelines regarding preparation of travel demand forecasts for use in seeking FTA funding. In addition, this program provides support for MPO travel and air quality model development and training, Census, demographic and other travel data preparation and analyses, and other forecasting work. A continued main thrust of this work is to complete travel demand forecasts for a 2040 horizon year, but with data provided for intervening 5-year periods, to address FTA's and NJT's longer term planning requirements.

SCHEDULE: Ongoing, as required

PRODUCT: Analyses, data and reports as required

SUBJECT: Stations, Access & Site Planning

DESCRIPTION: This program focuses on planning for transit facility needs and prioritization for future capital investment, including specialized facility design, bike/pedestrian/

shuttle access, and potential ADA station improvement phasing. It includes analysis of existing conditions relating to physical conditions of stations and facilities, access to transit facilities, and parking issues including parking lot inventories, parking management and accommodating projected growth. Within this program, NJT broadly monitors station, access by all modes and parking needs on its transit system and formulates proposed actions and projects to address those needs. Attention to shuttle buses, use of bicycles and walking are given attention within this body of work.

SCHEDULE: Ongoing, as required

PRODUCT: Analyses and reports as required

SUBJECT: Transit-Friendly Planning, Land Use & Development

DESCRIPTION: Through this program, NJ TRANSIT provides technical planning assistance to interested municipalities to create and implement sensitive, community-based “vision” plans to guide local growth in a comprehensive manner, especially in areas where transit could stimulate new development opportunities and create strong community centers for people to live, work and socialize. A critical component of this work is community outreach, engagement, consensus building and partnerships. Many accomplished projects successfully brought NJ TRANSIT and the targeted community together with state agencies, counties, MPOs, advocacy groups and not-for-profit organizations so that resources could be leveraged and common goals and objectives achieved. In many communities, successful vision plans have been incorporated into Master Plans and/or adopted as enhanced zoning or new redevelopment plans designed to specifically implement mixed-use Transit Oriented Development (TOD).

SCHEDULE: Ongoing, as required

PRODUCT: Plans/reports as required

SUBJECT: Bus Rapid Transit Planning

DESCRIPTION: Work will continue to progress both by singularly by NJT and in partnership with counties, to plan for future BRT projects, and to otherwise improve bus services so they operate faster, more reliably and address changing customer needs. Particular attention will be given to the phasing and scalability of bus improvements to effectively use available capital funding and fit within tight operating funding constraints.

SCHEDULE: Ongoing, as required

PRODUCT: Plans/reports as required

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**16/502: NEW JERSEY DEPARTMENT OF TRANSPORTATION
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

For information on NJDOT planning activities, please contact the NJDOT Bureau of Statewide Planning at 609-530-2884

**16/503: NEW JERSEY TURNPIKE AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

The NJTA has no regionally significant planning studies programmed for FY 2016.

**16/504: DELAWARE RIVER AND BAY AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

The DRBA has no regionally significant planning studies programmed for FY 2016.

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2016
UNIFIED PLANNING WORK PROGRAM**

**TABLE 1
CENTRAL STAFF WORK PROGRAM
July 12, 2015**

Summary of Costs by Task

16/110 Regional Transportation Planning

16/111	Transportation Safety Planning	100,000
16/112	2035 Regional Transportation Plan Implementation	80,000
16/113	Regional and Corridor Planning	70,000
16/114	Current Regional Issues	50,000
16/115	Geographic Information System	50,000
16/116	Congestion Management Process	80,000
16/117	<u>Public Involvement</u>	<u>50,000</u>
	SUBTOTAL	\$480,000

16/120

16/121	SJTPO Traffic Safety Education Programs	\$36,472
16/122	<u>Safety Outreach and Research</u>	<u>\$20,000</u>
	SUBTOTAL	\$56,472

16/130

16/131	Transportation Improvement Program	120,000
16/132	Air Quality Planning	100,000
16/133	<u>Local Project Development</u>	<u>120,000</u>
	SUBTOTAL	\$340,000

16/140

16/141	Administration and Internal Management	100,000
16/142	Board and Technical Advisory Committee Support	50,000
16/143	Unified Planning Work Program	50,000
16/144	<u>Subregional and Technical Program Management</u>	<u>47,098</u>
	SUBTOTAL	\$247,098

TOTAL **\$1,123,570**

TABLE 1A
Central Staff Work Program - Program Area/RTP
Regional Transportation Plan 2040 Goals

March 23, 2015

Central Staff Program Areas	Promote Transportation Choices 1	Support the Regional Economy	Improve Transportation Safety	Improve Security	Mitigate Traffic Congestion	Protect and Enhance the Environment	Enhance Transportation System Connectivity	Maintain the Existing Transportation System
Transportation Safety Planning	•	o	•	o			o	
2040 Regional Transportation Plan Development and Implementation	•	o	o		o	o	o	•
Regional & Corridor Planning	o	o	o		•	o	•	•
Current Regional Issues	•	•				•	•	o
Geographic Information System					o		o	
Congestion Mangement Process		•	•	•	•	•	o	o
Public Involvement & Title VI	o	o			o			
SJTPO Traffic Safety Education Programs	o		•	o				
Safety Outreach and Research	o		•	o				
Transportation Improvement Program	•	o	•	•	•	•	•	•
Air Quality Planning		o	o			•		
Local Preliminary Engineering & Design Program		o	o				o	•
Administration & Internal Management	o	o	o	o	o	o	o	o
Board and Committee Support	o	o	o	o	o	o	o	o
Unified Planning Work Program	o	o	o	o	o	o	o	o
Subregional & Technical Program Management	o	o	•	o	o		o	•

• Primary Association o Secondary Association

TABLE 1B
Central Staff Work Program - MAP-21 Planning Factors

March 23, 2014

Central Staff Program Areas	Economic Vitality	Safety	Security	Accessibility & Mobility	Environment & Energy	Integration & Connectivity	Efficient System Management Operations	Preserve Existing Systems
Transportation Safety Planning	o	•	o				o	
2040 Regional Transportation Plan Development and Implementation	o	o		•	o	•	o	•
Regional & Corridor Planning	o	o		•	o	•	o	•
Current Regional Issues	•				•	•	•	o
Geographic Information System				o		o	o	
Congestion Mangement Process	•	•	•	o	•	o	o	o
Public Involvement & Title VI	•			•				
SJTPO Traffic Safety Education Programs	o	•	o					
Safety Outreach and Research	o	•	o					
Transportation Improvement Program	o	•	•	o	•	o	•	o
Air Quality Planning	o	o			•			
Local Preliminary Engineering & Design Program	o	o				o		•
Administration & Internal Management	o	o	o	o	o	o	o	o
Board and Committee Support	o	o	o	o	o	o	o	o
Unified Planning Work Program	o	o	o	o	o	o	o	o
Subregional & Technical Program Management	o	•		o		o		•

•Primary Association oSecondary Association

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2016 UNIFIED PLANNING WORK PROGRAM**

**TABLE 2
FUNDING OVERVIEW
December 1, 2015**

Central Staff Work Program		\$1,247,098	\$1,123,570
Administrative Services		\$75,000	\$75,000
Subregional Work Programs			
Atlantic County	\$142,000		
Cape May County	\$58,000		
Cumberland County	\$90,500		
<u>Salem County</u>	<u>\$58,000</u>		
Sub Total		\$348,500	\$348,500
Technical Program			
Professional & Technical Services	\$100,000		\$100,000
RTP Scenario Planning	\$150,000		\$150,000
Ladders of Opportunity Assessment	\$50,000		\$50,000
2yr. Program Support Data Collection	\$250,000		\$250,000
2yr. Local Safety & CMAQ Project Developer	\$250,000		\$313,528
2yr. Sign Management System Data Collection	\$450,000		\$510,000
<u>SJTPO Website Development</u>	<u>\$50,000</u>		<u>\$50,000</u>
Sub Total		<u>\$1,300,000</u>	<u>\$1,423,528</u>
Grand Total		\$2,970,598	\$2,970,598

Notes: Subregional Work Program amounts include Federal funds and Local Match

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2016 UNIFIED PLANNING WORK PROGRAM**

**TABLE 3
PROGRAMMED USDOT RESOURCES**

March 23, 2015

FY 13 - 14 Carryover	\$630,772	
FY 15 Carryover	\$588,776	
FHWA FY 15 PL Allocation	\$972,769	
FHWA/FTA Consolidated Planning FY15 PL Flex	<u>\$429,781</u>	
TOTAL PL		\$2,622,098
FHWA FY 2016 Surface Transportation Program Funds	\$278,800	
TOTAL STP-SJ		<u>\$278,800</u>
TOTAL FHWA RESOURCES for FY 2015 UPWP		\$2,900,898
LOCAL MATCH for FY 2016	\$69,700	
TOTAL LOCAL MATCH		<u>\$69,700</u>
GRAND TOTAL		\$2,970,598

NOTE: Local Match supports Subregional Planning Program activities

SJTPO FY 2016 UNIFIED PLANNING WORK PROGRAM

July 12, 2015

TABLE 4, USDOT FUNDING SOURCE SUMMARY

ACTIVITY	PROGRAM	FHWA PL	FHWA HSIP	FHWA STP-SJ	TOTAL FEDERAL	LOCAL MATCH	PROGRAM TOTAL	FEDERAL AID AGREEMENT
16/100	Central Staff Work Program	1,123,570	0	0	1,123,570	0	1,123,570	
16/200	Administrative Fee	75,000	0	0	75,000	0	75,000	
	Total - CSWP & Admin Fee	1,198,570	0	0	1,198,570	0	1,198,570	
16/301	Atlantic County Subregional	0	0	113,600	113,600	28,400	142,000	
16/302	Cape May County Subregional	0	0	46,400	46,400	11,600	58,000	
16/303	Cumberland County Subregional	0	0	72,400	72,400	18,100	90,500	
16/304	Salem County Subregional	0	0	46,400	46,400	11,600	58,000	
	Total - Subregional (80% Federal)	0	0	278,800	278,800	69,700	348,500	
16/401	Professional & Technical Services	100,000	0	0	100,000	0	100,000	
16/402	RTP Scenario Planning	150,000	0	0	150,000	0	150,000	
16/403	Ladders of Opportunity Assessment	50,000	0	0	50,000	0	50,000	
16/404	Program Support Data Collection	250,000	0	0	250,000	0	250,000	Project Completion 6/30/17
16/405	Local Safety & CMAQ Project Development	250,000	0	0	250,000	0	313,528	Project Completion 6/30/17
16/406	Sign Management System Data Collection	450,000	0	0	450,000	0	510,000	Project Completion 6/30/17
16/407	SJTPO Website Development	50,000	0	0	50,000	0	50,000	
	Total - Technical Studies	1,300,000	0	0	1,300,000	0	1,423,528	
	GRAND TOTAL	2,498,570	0	278,800	2,777,370	69,700	2,970,598	

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2016 UNIFIED PLANNING WORK PROGRAM**

**TABLE 5
CENTRAL STAFF BUDGET**

July 12, 2015

<u>Line Item#</u>	<u>Category</u>	<u>Sub Category</u>	<u>FY 2016 Budget</u>
	Labor		\$923,462
	LABOR		\$923,462
51515	Office Supplies		\$3,500
51530	Printing		\$1,000
	Travel		\$24,358
		52020 Lodging & Meals	\$10,000
		52021 Mileage	\$14,358
52240	Postage		\$1,500
	Telephone		\$13,000
		52610 Comcast	\$1,500
		52620 AT&T	\$10,000
		52640 Cell Phone	\$500
		53076 AV Communications	\$1,000
	Equipment Rental & Maintenance		\$4,000
		55470 Copier & Postage rental	\$4,000
55410	Water		\$150
57910	Publications & Subscriptions		\$1,000
58140	Ads & Promotional		\$500
58322	Professional Development		\$6,000
58610	Association Dues		\$5,000
57090	Consultant Support		\$10,000
51812	Software		\$4,000
55201	Electric Utility		\$4,000
55271	Gas Utility		\$1,500
57001	Legal Services		\$40,000
55480	Rent		\$65,600
54001	Janitorial		\$5,000
	OPERATING		\$190,108
	New Equipment		\$10,000
	NEW EQUIPMENT		\$10,000
	TOTAL CENTRAL STAFF		\$1,123,570

TABLE 6 - SJTPO FY 2016 STAFF WORK PROGRAM						December 1,2015	
BREAKDOWN OF ESTIMATED TASK COSTS							
					TOTAL		
		TASK			DIRECT		
<u>NO.</u>	<u>TASK</u>	<u>RATIO</u>		<u>LABOR</u>	<u>EXPENSES</u>		<u>TOTAL</u>
16/110	TRANSPORTATION PLANNING						
16/111	Transportation Safety Planning	0.089		82,190	17,810		100,000
16/112	2040 RTP Implementation	0.071		65,752	14,248		80,000
16/113	Regional & Corridor Planning	0.062		57,533	12,467		70,000
16/114	Current Regional Issues	0.045		41,095	8,905		50,000
16/115	Geographic Information System	0.045		41,095	8,905		50,000
16/116	Congestion Management Process	0.071		65,752	14,248		80,000
16/117	Public Involvement & Title VI	0.045		41,095	8,905		<u>50,000</u>
							480,000
16/120	SAFETY						
16/121	Traffic Safety Education Programs	0.032		29,976	6,496		36,472
16/122	Safety Outreach & Research	0.018		16,438	3,562		<u>20,000</u>
							56,472
16/130	PROJECT DEVELOPMENT & PROGRAMMING						
16/131	Transportation Improvement Program	0.107		98,628	21,372		120,000
16/132	Air Quality Planning	0.089		82,190	17,810		100,000
16/133	Local Project Development	0.107		98,628	21,372		<u>120,000</u>
							340,000
16/140	PROGRAM MANAGEMENT						
16/141	Administration & Internal Management	0.089		82,190	17,810		100,000
16/142	Board and Committee Support	0.045		41,095	8,905		50,000
16/143	Unified Planning Work Program	0.045		41,095	8,905		50,000
16/144	Subregional & Tech. Program Mgmt.	0.042		38,710	8,388		<u>47,098</u>
							247,098
	TOTAL	1.000		923,462	200,108		1,123,570