SOUTH

JERSEY

TRANSPORTATION

PLANNING

ORGANIZATION

Unified
Planning
Work
Program

FISCAL YEAR 2008

SOUTH JERSEY

TRANSPORTATION PLANNING

ORGANIZATION

FY 2008

UNIFIED PLANNING WORK PROGRAM

Policy Board Approved

March 26, 2007

Daniel Beyel, Chairman
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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

FY 2008 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. Plans and programs must consider all transportation modes and support community development and social goals.

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. Since the UPWP essentially serves as the master regional transportation planning funding application, it documents of planning activities to be performed with funds provided to MPO's by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). 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

Monica LoGuidice, Manager of Administration: General administration, office and contract management, website

Nancy Hammer, Support Specialist: General office duties

Michael Reeves, P.P., AICP, Special Projects Coordinator (PT): Subregional Program, UPWP financial

Teresa Thomas, SJTSA Program Manager: South Jersey Traffic Safety Alliance

William Schiavi, AICP, Safety Analyst: Safety Conscious Planning

VACANT, Community Safety Outreach Specialist: Community safety outreach

Les Varga, P.P. AICP, Manager of Regional Planning: Regional transportation planning

Joshua Rocks, Transportation Planner: Geographic Information Systems

VACANT, Capital Program Specialist (PT): project development and programming

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.

TEA-21 specifically required MPO's to implement and manage a dynamic capital programming process. MPO's must also emphasize an open planning process, fostering public understanding of transportation issues, and providing opportunities for input and involvement in major decisions. Regional plans and the planning process generally must meet detailed standards. Most importantly, the opportunities and mandates under ISTEA and TEA-21 are directly linked to the federal Clean Air Act Amendments of 1990. Many of the activities undertaken by the SJTPO are in direct response to Clean Air Act requirements.

In accordance with the intent of ISTEA, the formation of the SJTPO provided a stronger regional approach to solving transportation problems and bought new opportunities to southern New Jersey. Also, SJTPO is a Transportation Management Area as defined by ISTEA, 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 ISTEA funds.

On August 10, 2005, the President signed into law the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). With guaranteed funding for highways, highway safety, and public transportation totaling \$244.1 billion, SAFETEA-LU represents the largest surface transportation investment in our Nation's history. The two landmark bills that brought surface transportation into the 21st century—the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and the Transportation Equity Act for the 21st Century (TEA-21)—shaped the highway program to meet the Nation's changing transportation needs. SAFETEA-LU builds on this firm foundation, supplying the funds and refining the programmatic framework for investments needed to maintain and grow our vital transportation infrastructure.

SAFETEA-LU addresses the many challenges facing our transportation system today – challenges such as improving safety, reducing traffic congestion, improving efficiency in freight movement, increasing intermodal connectivity, and protecting the environment – as well as laying the groundwork for addressing future challenges. SAFETEA-LU promotes more efficient and effective Federal surface transportation programs by focusing on transportation issues of national significance, while giving State and local transportation decision makers more flexibility for solving transportation problems in their communities.

SAFETEA-LU also 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 FY 2008 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 ISTEA, TEA-21, SAFETEA-LU, and the Clean Air Act.

As of July 1, 2007, all planning documents must be SAFETEA-LU compliant. However, FHWA recognizes there may be instances in which MPO long-range transportation plans may not be "fully compliant" with the SAFETEA-LU planning provisions prior to July 1, 2007. Under such a scenario, "SAFETEA-LU compliant" updates of TIPs and STIPS may be approved by FHWA/FTA after July 1, 2007, based on "pre-SAFETEA-LU" transportation plans, which, in effect, may create a short-term "mix-and-match" of requirements. However, if any changes are made to the Regional Transportation Plan or the TIP after July 1, 2007 then such changes must reflect all SAFETEA-LU provisions.

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.

A 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.

A Citizens Advisory Committee represents a broad cross-section of civic and business groups, environmental interests, and private provider and user groups. 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 2008 PLANNING PRIORITIES

Integrating safety considerations into regional planning will continue to be a top priority in FY 2008, especially with the explicit recognition of safety as a core program in SAFETEA-LU. SJTPO will employ FY 2007's Safety Management System tool to advance safety projects and programs in a variety of ways, including: continuing regional SCP outreach, close work with the South Jersey Traffic Safety Alliance, technical studies, and the allocation of significant staff resources to safety programs and analysis. SJTPO will also work with community groups to advance grass roots safety programs.

SJTPO's focus on addressing specific subregional problem areas will also continue, especially with the emphasis on project development through scoping and design. Attention to other problem areas is reflected in various SJTPO Central Staff tasks and the Technical Studies, as well as activities throughout the work programs of the county planning offices and other agencies.

Other core responsibilities of MPO's under federal law and New Jersey practice also continue to be prominent work program activities. These include updating the Transportation Improvement Program, maintaining public involvement programs, and ensuring that Title VI themes are addressed in SJTPO's plans and programs.

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.

<u>Central Staff Work Program</u> (\$914,552) - In addition to the regionwide priorities discussed above, the Central Staff Work Program will have a substantial emphasis on management of Technical Studies and the Local Scoping Program, and support to the South Jersey Traffic Safety Alliance. 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 the FY 2009 UPWP and will provide all general support needed for SJTPO operations. Efforts to fill vacant staff positions will continue if funding authorization is obtained in a timely fashion.

<u>Transportation Agency Supportive Work Programs</u> (\$72,000) - As the administrative host for SJTPO, the South Jersey Transportation Authority provides financial administration and other administrative services pursuant to a formal agreement with NJDOT. NJTransit also provides additional planning assistance beyond Board and TAC Participation and meeting attendance.

<u>Subregional Transportation Planning Work Programs</u> (\$291,500) – SJTPO Counties are vital partners in all SJTPO planning processes. 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. They also assist the JARC program, participate in the SJTPO Transportation Improvement Program, support public involvement, and provide other assistance to SJTPO priorities described above. Highlights of the individual county programs are listed below:

- Atlantic County (\$104,000) will conduct a road safety audit and access management study for Ocean Heights Avenue
- Cape May County (\$60,000) will evaluate evacuation capabilities of selected roads
- Cumberland County (\$90,500) will analyze County Road right-of-way widths
- Salem County (\$37,000) will provide basic regional planning support

<u>Technical Program</u> (\$545,000) - To supplement the various agency work programs described above, SJTPO will support technical studies and projects performed by consultants, as follows:

• FY 2008 Road Safety Project Development (\$50,000) – Since FY 2004, SJTPO has conducted Road Safety Audits for selected highway segments throughout the region. These Safety Audits generated many short- and mid- term improvement recommendations, and this FY 2008 activity will provide assistance to project sponsors in developing projects for federal HSIP funding.

- FY 2008 Air Quality Analysis (\$40,000) This task will provide consultant assistance for emissions modeling work, CMAQ emissions reduction estimation, coordination with NJDOT NJDEP, and USEPA, model setups, and other related air quality assistance. The major traditional work element is the annual completion of the Regional Transportation Plan (RTP)/Transportation Improvement Program (TIP) conformity analysis. In addition, regional involvement is required when new emissions budgets are developed.
- FY 2008 Seat Belt Use Survey (\$50,000) Consultant assistance will be secured to measure and evaluate seat belt use in the SJTPO region. Special attention will be devoted to communities and areas of concern, such as Spanish speaking populations, or low income communities.
- FY 2008 SJ Travel Demand Model Improvements (\$145,000) Major improvements to the SJ Travel Demand Model will be conducted during FY 2008 with funds carried over from FY 2007.
- 2035 Regional Transportation Plan Update (\$100,000) The SJTPO Regional Transportation Plan will be substantially updated to comply with the requirements of SAFETEA LU, and will utilize the products of FY 2007 activities, such as the SJTPO Demographic Forecasts, Scenario Planning, and others.
- SJTPO Coastal Evacuation Analysis (\$85,000) SJTPO will expand on recent simulations by the New Jersey Institute of Technology to evaluate current evacuation plans and formulate recommendations to handle peak seasonal evacuation flows.
- SJTPO/DVRPC Bus Route Survey (\$35,000) In conjunction with the Delaware Valley Regional Planning Commission, SJTPO will conduct a ridership survey of selected routes to obtain data for further calibration of the South Jersey Model.
- Atlantic City International Airport Economic Impact Analysis (\$40,000) This project will
 define the existing and forecasted economic impact of the operations of the Atlantic City
 International Airport to provide a basis for long term facility planning and aviation demand
 management.

A total of \$1,823,052 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 transportation and transportation-related air quality planning activities in the region, regardless of funding source or agencies conducting the activities. The description includes: who will perform the work, the schedule for completion, and the products. The information is intended to broaden awareness of related activities, to prevent duplication of planning and study efforts, and to ensure coordination of all transportation planning underway in the region.

Therefore, a section titled "Non-MPO-Funded Transportation Planning Activities" has been provided. This compilation expands the perspective on transportation improvement strategies being pursued and is based on information submitted by agencies active in transportation planning in the region.

CENTRAL STAFF WORK PROGRAM

ACTIVITY 08/110: REGIONAL TRANSPORTATION PLANNING

Task 08/111: 2035 REGIONAL TRANSPORTATION PLAN (STAFF)

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. SJTPO's first Regional Transportation Plan (RTP), with a 2015 horizon year, was adopted in August 1995. The RTP was last updated and adopted, with a 2025 horizon year, in July, 2004. This task will support the update to the RTP scheduled for Policy Board adoption in 2008 (conformity FY'09), enable plan outreach and refinement to continue and retain a consultant to prepare the document.

Activities and Products:

- 1. Compile and include SJTPO study products (i.e., SJTPO Technical Studies and other products completed to implement the RTP) into the 2030 RTP.
- 2. Utilize the Task 2 (Performance Measure) products of the NJDOT State Long Range Transportation Plan, when released, as the basis for SJTPO's Regional Performance Measures.
- 3. Utilize the Task 5 (Reporting System) product of the NJDOT State Long Range Transportation Plan, when released, for SJTPO system performance evaluation.
- 4. Use of the NJDOT Transportation Management Integration Initiative target data set to shape regional priorities (data set originally scheduled to be available January 2006). To the greatest extent feasible, the RTP will make use of the Management Systems data and establish goals for SJTPO's high priority areas.
- 5. Compile and report the findings of the SJTPO managed *Public Opinion Survey* performed under the FY '07 UPWP (Scenario Planning). The findings will be used as an aid to prioritize areas of emphasis articulated by the region's residents.
- 6. In addition to #5 above, coordinate other public participation activities specific to the RTP update, including preliminary work for a future Scenario Planning exercise and explore the potential for using Transportation Asset Management within the SJTPO Region.

Funding: Estimated cost is \$65,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	8
Monica LoGuidice, Manager of Administration:	5
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	5
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	60
Joshua Rocks, Transportation Planner:	70
VACANT, Capital Program Specialist:	0

Task 08/112: STATEWIDE, SYSTEM, CORRIDOR, AND AREA PLANNING

Objective:

SJTPO conducts regional, corridor, and area planning for the SJTPO region, and participates 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. Conduct and manage SJTPO's regional, corridor, and area planning.
- 2. Participate in other agencies' regional and subregional planning to forge a strong connection with the SJTPO Plan and priorities. This activity will ensure that projects and programs affecting SJTPO's transportation network such as the Office of Smart Growth's activities or the update of the Pinelands Comprehensive Management Plan are fully responsive to SJTPO policies.
- 3. Participate on various committees involved with statewide planning, such as the NJDOT Intelligent Transportation System (ITS) Advisory Committee, Congestion Management System Subcommittee, Bridge Management Subcommittee, Council on Access & Mobility (CAM), NJ County Transportation Association's TransAction Committee, and others. These activities will result in improved statewide policy and capital programming reflecting SJTPO priorities and needs.
- Serve on TRB Committee ADA30 Transportation Planning Needs and Requirements for Small and Medium Sized Communities. Maintain liaison with TRB Committee ANB10-3 – Emergency Evacuation.
- 5. Advise the Office of Smart Growth, Pinelands Commission, CAFRA, COAH and other agencies on the SJTPO Regional Transportation Plan and SJTPO priorities and programs.

Funding: Estimated cost is \$45,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	0
Monica LoGuidice, Manager of Administration:	0
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	55
Joshua Rocks, Transportation Planner:	47
VACANT, Capital Program Specialist:	0

Task 08/113: 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, freight and passenger rail line development, 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 subregions to assist with the United We Ride and Job Access/Reverse Commute programs. The SJTPO staff will also assist with any interagency request for action that targets a reduction of Vehicle Miles of Travel or advances an initiative that reduces single-occupant vehicle trips.
- 3. Work with the Delaware Valley Regional Planning Commission and the North Jersey Transportation Planning Authority on matters affecting the Philadelphia and North Jersey regions, such as the "Planning at the Edge" initiative.
- 4. Provide technical assistance to member counties and municipalities.
- 5. Assess the implications for the region of any new or proposed State or federal legislation, regulations, and the policies contained in SAFETEA-LU.

Funding: Estimated cost is \$40,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	5
Monica LoGuidice, Manager of Administration:	5
Nancy Hammer, Support Specialist:	5
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	60
Joshua Rocks, Transportation Planner:	16
VACANT, Capital Program Specialist:	0

Task 08/114: 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 is a computer system capable of assembling, storing, manipulating and displaying geographically-referenced information. Expansion of the GIS and database might include additional software and hardware, as well as new digital and printed data.

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 subregional 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. Remain current on the latest in GIS technology to identify beneficial enhancements in hardware and software.

Funding: Estimated cost is \$50,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	0
Monica LoGuidice, Manager of Administration:	5
Nancy Hammer, Support Specialist:	5
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	20
Joshua Rocks, Transportation Planner:	84
VACANT, Capital Program Specialist:	0

Task 08/115: 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, regularly updated 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 CMS(P), notably, the use of the South Jersey Travel Demand Model as the primary technical tool.

Activities and Products:

- 1. Operate congestion management process.
- 2. Analyze 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. Operate CMP tool for selected output measures and on-call planning activities.

Funding: Estimated cost is \$20,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	0
Monica LoGuidice, Manager of Administration:	5
Nancy Hammer, Support Specialist:	5
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	25
Joshua Rocks, Transportation Planner:	10
VACANT, Capital Program Specialist:	0

Task 08/116: MODEL ENHANCEMENT AND APPLICATION (STAFF)

Objective:

The South Jersey Travel Demand Model (SJTDM) is the technical tool used for problem identification at the corridor level, for transit analysis in project development, for feasibility and alternatives testing, for analyzing the impacts of anticipated employment growth in Atlantic City, and for future air quality conformity determinations. This task will support staff management of consultant work in further enhancing the model and applying it in specific planning evaluations.

Activities and Products:

- 1. Contract with consultants, and manage their work.
- 2. Analyze model runs to evaluate different transportation, land use and planning scenarios, air quality conformity, and CMS strategies.

Funding: Estimated cost is \$20,000

Program Manager: Les Varga

Timothy G. Chelius, P.P., AICP, Executive Director:	10
Monica LoGuidice, Manager of Administration:	0
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	20
Joshua Rocks, Transportation Planner:	10
VACANT, Capital Program Specialist:	0

Task 08/117: PUBLIC INVOLVEMENT and Title VI

Objective:

A major thrust of the federal Intermodal Surface Transportation Efficiency Act (ISTEA) was the promotion of greater public involvement in transportation planning and decision-making, with Metropolitan Planning Organizations (MPO's) playing a central role. In addition, there is the inherent need of the organization to maintain contact with interest groups, promote public understanding of its activities, and develop grass-roots support. SJTPO has a formal Public Involvement Policy describing the procedures it will follow, which was updated in 1999. In FY 2002, SJTPO developed its RTP Outreach project and Environmental Justice Analysis and Plan, both with consultant assistance. For this Fiscal Year, addressing Title VI will continue to be a priority.

Specific public involvement activities in other tasks, such as Regional Transportation Plan, Air Quality Planning, and Transportation Improvement Program, supplement the more general activities in this task. A task in each subregional work program (UPWP area 08/300) also supports SJTPO's public involvement.

Activities and Products:

Public Information

- 1. Use the Public Opinion Survey and its findings (UPWP FY 2007) to forge a new relationship for the public involvement process for the region.
- 2. Issue the SJTPO *On the Go* newsletter for regular communication to a wide audience.
- 3. Continue to utilize the SJTPO World Wide Web 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. The website will begin to undergo changes to more easily reflect these visualization components.
- 4. Reconstitute the Citizens Advisory Committee as a means to enhance the public participation process by sending notices and materials and seeking input on matters of regional significance.
- 5. Continue media relations and prepare press releases as needed.

Title VI

- 1. Remain current on Title VI activities and matters relating to Environmental Justice (EJ) and report same to the NJDOT upon request.
- 2. Use current data to map areas of under-served, low income, minority, disabled, and the elderly in preparing the next RTP Update.
- 3. Update the demographic profile of region that identifies the locations of populations of concern using the latest available data.
- 4. Analyze the current TIP with respect to the impact of SJTPO projects on Title VI/EJ populations of concern.

Funding: Estimated cost is \$30,000

Program Managers: Public Information – Les Varga

Title VI – Les Varga

<u>Staffing Plan (person – days)</u>:

Timothy G. Chelius, P.P., AICP, Executive Director:	0
Monica LoGuidice, Manager of Administration:	15
Nancy Hammer, Support Specialist:	20
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	20
Joshua Rocks, Transportation Planner:	13
VACANT, Capital Program Specialist:	0

ACTIVITY 08/120: SAFETY

Task 08/121: TRANSPORTATION SAFETY PLANNING (TSP)

Objective:

Transportation Safety Planning (TSP) is a proactive approach aimed at preventing crashes and unsafe conditions. SJTPO and the South Jersey Traffic Safety Alliance have been conducting multidisciplinary programs by integrating engineering, enforcement, education, and planning, and will continue to do so in FY 2008.

In FY 2008, SJTPO will employ TSP as a key feature of the upcoming Year 2035 Regional Transportation Plan. A key tool will be the South Jersey Safety Management System (SJSMS), which will provide a capital programming decision – making mechanism and a means to systematically identify high crash locations and appropriate countermeasures.

Activities and Products:

- 1. Work with Rutgers University, NJDOT, FHWA, and the National Highway & Traffic Safety Administration to advance TSP safety.
- 2. Participate in the National Association of Regional Councils Transportation Safety Committee to craft federal and state TSP policies and programs.
- 3. Establish an on-going program of UPWP-funded safety activities, such as Road Safety Project Development and Seat Belt Surveys
- 4. Integrate safety considerations into MPO planning and programming through safety specific performance goals.
- 5. Utilize NJDOT crash data and Plan4Safety for program analysis, special studies, etc. in cooperation with the South Jersey Traffic Safety Alliance, Rutgers Transportation Safety Resource Center, CAIT-LTAP, and other stakeholders.

Funding: Estimated cost is \$100,000

Program Manager: Timothy Chelius

Timothy G. Chelius, P.P., AICP, Executive Director:	27
Monica LoGuidice, Manager of Administration:	0
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	200
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

Task 08/122: SOUTH JERSEY TRAFFIC SAFETY ALLIANCE

Objective:

This task provides operational, administrative, and technical support for the South Jersey Traffic Safety Alliance (SJTSA), a partnership of SJTPO, the NJ Division of Highway Safety, and the Federal Highway Administration. The Alliance brings together traffic safety professionals from the fields of enforcement, education, engineering and planning with goal of "Moving People Safely". SAFETEA-LU requires that each statewide and metropolitan planning process provide for consideration of projects and strategies that will increase the safety and security of the transportation system for motorized and non-motorized users. The SJ Traffic Safety Alliance is SJTPO's answer to that call.

Activities and Products:

- 1. Work with NJ Division of Highway Traffic Safety to secure Alliance grant with South Jersey Transportation Authority as the host agency, and administer programs.
- 2. Continue developing programs to address safety, including the Child Passenger Seat Inspection Campaign, Buckle Up Stencil Program, Saved By The Seat Belt Club, Workshops for Driver Education Teachers, Defensive Driving Program, and other programs.
- 3. Host training and work with other agencies, especially those with ties to diverse communities.
- 4. Work with SJTPO staff to analyze crash data for specific projects.
- 5. Organize quarterly General Membership meetings and Executive Board Meetings.
- 6. Distribute materials and supplies to member agencies and the public. .
- 7. Maintain website **www.sjtsa.org**, and produce and distribute quarterly newsletter.

Funding: Estimated cost is \$140,000

Program Manager: Teresa Thomas

20
13
45
0
220
20
0
0
0
0

Task 08/123: COMMUNITY SAFETY OUTREACH

Objective:

This task will extend SJTPO's safety programs to local communities through intensive outreach and public involvement. SJTPO will reach out to government agencies, schools, community service organizations, and other appropriate agencies to build upon the successful programs of the Traffic Safety Alliance and undertake new initiatives. As the fatality rate per miles driven on residential streets is over twice the fatality rate on major highways, a high priority element in Task will be to reduce residential speeding via grass- roots campaigns managed at the local level. SJTPO will serve as a key technical resource and assist in data collection and public involvement.

Activities and Products:

- 1. Work with community organizations to advance local safety initiatives.
- 2. Collect data relevant to Safety Conscious Planning, such as seat belt use, traffic control device observation rates, and pedestrian activity.
- 3. Develop position papers and develop "tool boxes" of safety planning techniques for use by relevant agencies, other MPO's, and the general public.
- 4. Conduct research to identify successful community based safety programs and adapt to the SJTPO region.
- 5. Assist SJTSA in community dialogue.

Funding: Estimated cost is \$80,000

Program Manager: Teresa Thomas

Timothy G. Chelius, P.P., AICP, Executive Director:	0
Monica LoGuidice, Manager of Administration:	2
Nancy Hammer, Support Specialist:	10
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	30
William Schiavi, AICP, Safety Analyst:	10
VACANT, Community Safety Outreach Specialist:	132
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

ACTIVITY 08/130: PROJECT DEVELOPMENT & PROGRAMMING

08/131: TRANSPORTATION IMPROVEMENT PROGRAM

Objective:

This task prepares the region's Transportation Improvement Program (TIP), which is an annually updated four-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 (MPO's).

Activities and Products:

- 1. Complete final FY 2008-2011 TIP.
- 2. Process TIP amendments and modifications needed throughout the year.
- 3. Apply the revised project ranking system to the project pool to the extent determined to be appropriate.
- 4. 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.
- 5. Review and comment on the quarterly NJDOT TIP and Study and Development reports required by the TIP MOU and SP/R Program.
- 6. Identify and screen candidate projects to enter the FY 2009-2011 TIP project selection pool.
- 7. Negotiate with the State to develop the financial plan for the TIP in accordance with federal requirements.
- 8. Produce the draft FY 2009-2011 TIP document, and obtain NJDOT report on status of FY 2007 2010 TIP projects
- 9. Manage the TIP review process and conduct public involvement.

Funding: Estimated cost is \$60,000

Program Manager: VACANT, Capital Program Specialist

Timothy G. Chelius, P.P., AICP, Executive Director:	64
Monica LoGuidice, Manager of Administration:	0
Nancy Hammer, Support Specialist:	10
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	62

Task 08/132: 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. Research and respond as necessary on air quality issues, such as:
 - a. Implementation of the 8-hour ozone and fine particulate standards.
 - b. Changes in regulations affecting conformity.
- 2. 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.
 - b. Participating in completion of the State conformity rule and in clarifying procedures under it.
- 3. Conduct any procedures required under transportation conformity regulations for adoption of the Year 2035 Regional Transportation Plan (as required), FY 2008-2011 Transportation Improvement Program and amendments thereto, and for development of the FY 2009-2012 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.

Funding: Estimated cost is \$20,000

Program Manager: Timothy Chelius

Timothy G. Chelius, P.P., AICP, Executive Director:	30
Monica LoGuidice, Manager of Administration:	5
Nancy Hammer, Support Specialist:	5
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	5
VACANT, Capital Program Specialist:	0

Task 08/133: LOCAL SCOPING AND DESIGN PROGRAM

Objective:

Since 1995, SJTPO has managed a program allowing subregions to participate in the project study and development process known as "scoping". This completes the feasibility assessment, preliminary engineering, and environmental clearances that are prerequisite to securing federal funds through the TIP. Federally funded design projects may also be included in this activity. The typical next step in federally funded project development is design, and scoped projects frequently proceed immediately to this step. SJTPO also funds and manages design for selected projects as a service to its member agencies.

For FY 2008, active scoping or design projects will include:

- Mill Creek/Upper Thorofare/Middle Thorofare Bridges
- Commissioner's Pike Phases III and IV, Scoping and Design
- Vineland Boulevards and Sherman Avenue Intersection

Activities and Products:

- 1. Issue requests for proposals and manage consultant selection.
- 2. Manage the associated task order and contracting processes.
- 3. Direct the ongoing work, including reviewing progress reports and products for payment approval and coordinating with NJDOT Local Government Services.
- 4. Track technical issues in order to predict project readiness for inclusion in the project pool.

Funding: Estimated cost is \$20,000

Program Manager: Timothy Chelius

Timothy G. Chelius, P.P., AICP, Executive Director:	25
Monica LoGuidice, Manager of Administration:	20
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

ACTIVITY 08/140: PROGRAM ADMINISTRATION

Task 08/141: ADMINISTRATION AND INTERNAL MANAGEMENT

Objective:

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

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. Coordinate with SJTA financial administration, including submission of the information required for pre-award audit.
- 3. Monitor progress and submit grant progress reports and close outs.
- 4. Conduct basic human resource management activities.
- 5. Maintain overall staff coordination and other administrative, management, and overhead time.

Funding: Estimated cost is \$90,000 (plus additional from 08/201: SJTA Financial and Administrative Services).

Program Manager: Monica LoGuidice

Timothy G. Chelius, P.P., AICP, Executive Director:	30
Monica LoGuidice, Manager of Administration:	65
Nancy Hammer, Support Specialist:	100
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	10
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

Task 08/142: BOARD AND TECHNICAL ADVISORY COMMITTEE SUPPORT

Objective:

This task provides the routine support for the Policy Board, the Technical Advisory Committee, and any adhoc committees not specifically dedicated to other tasks. It establishes the forum for cooperative transportation decision-making and supports all other tasks in the work program.

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, 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 \$60,000

Program Manager: Monica LoGuidice

Timothy G. Chelius, P.P., AICP, Executive Director:	5
Monica LoGuidice, Manager of Administration:	80
Nancy Hammer, Support Specialist:	51
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	0
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

Task 08/143: UNIFIED PLANNING WORK PROGRAM

Objective:

This task will prepare the Unified Planning Work Program (UPWP) for the coming year 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 2009 work programs for the subregions and technical studies.
- 2. Develop the FY 2009 Central Staff work program in coordination with member agencies, including special consideration at TAC and/or special meetings.
- 3. Compile the FY 2009 UPWP document, prepare the budget, and coordinate the MPO review, including the selection of proposed studies.
- 4. Process UPWP amendments and related contract modifications.
- 5. Prepare Self-Certification and Title VI documents, coordinate with federal agency representatives, complete other procedures related to compliance with federal requirements when required, and keep abreast of changes in requirements.

Funding: Estimated cost is \$20,000

Program Manager: Timothy Chelius

<u>Staffing Plan (person – days)</u>:

Timothy G. Chelius, P.P., AICP, Executive Director:	10
Monica LoGuidice, Manager of Administration:	20
Nancy Hammer, Support Specialist:	0
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	15
Teresa Thomas, SJTSA Program Manager:	0
William Schiavi, AICP, Safety Analyst:	0
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

Task 08/144: 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. Financial administration is carried out by South Jersey Transportation Authority staff on behalf of SJTPO as part of Task 08/201.

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.
- 5. Oversee compliance with Disadvantaged Business Enterprise requirements in SJTPO administered programs.

<u>Funding</u>: Estimated cost is \$54,552 (plus additional from 08/201: SJTA Financial and Administrative Services).

Project Managers: Subregional Program – Michael Reeves

Technical Program - Various

Timothy G. Chelius, P.P., AICP, Executive Director:	26
Monica LoGuidice, Manager of Administration:	20
Nancy Hammer, Support Specialist:	4
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT):	32
Teresa Thomas, SJTSA Program Manager:	10
William Schiavi, AICP, Safety Analyst:	30
VACANT, Community Safety Outreach Specialist:	0
Les Varga, P.P. AICP, Manager of Regional Planning:	0
Joshua Rocks, Transportation Planner:	0
VACANT, Capital Program Specialist:	0

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION FY 2008 UNIFIED PLANNING WORK PROGRAM

TABLE 1 CENTRAL STAFF WORK PROGRAM

3/26/07

Summary of Costs by Task

08/110:	Regional Transportation Planning	
	08/111: 2035 Regional Transportation Plan	\$65,000
	08/112: Statewide, System, Corridor, and Area Planning	\$45,000
	08/113: Current Regional Issues	\$40,000
	08/114: Geographic Information System	\$50,000
	08/115: Congestion Management System	\$20,000
	08/116: Model Application and Enhancement	\$20,000
	08/117: Public Involvement	\$30,000
	SUBTOTAL	\$270,000
08/120:	Safety	
	08/121: Safety Conscious Planning	\$100,000
	08/122: South Jersey Traffic Safety Alliance	\$140,000
	08/123: Community Safety Outreach	\$80,000
	SUBTOTAL	\$320,000
08/130:	Project Development and Programming	
	08/131: Transportation Improvement Program	\$60,000
	08/132: Air Quality Planning	\$20,000
	08/133: Local Project Scoping and Design	\$20,000
	SUBTOTAL	\$100,000
08/140:	Program Management	
	08/141: Administration and Internal Management	\$90,000
	08/142: Board and Technical Advisory Committee Support	\$60,000
	08/143: Unified Planning Work Program	\$20,000
	08/144: Subregional and Technical Program Management	\$54,552
	SUBTOTAL	\$224,552
	TOTAL	\$914,552

^{*} Central Staff task costs are estimated total costs, including fringe benefits, leave, task-specific direct expenses, and general operations direct expenses which have been distributed proportionally to tasks. However, additional funding from 08/201: South Jersey Transportation Authority Financial and Administrative Services is not included.

TRANSPORTATION AGENCY SUPPORTIVE WORK PROGRAMS

Task 08/201: SOUTH JERSEY TRANSPORTATION AUTHORITY FINANCIAL AND ADMINISTRATIVE SERVICES

Objective:

The designation of the South Jersey Transportation Authority (SJTA) as the administrative shell was a key component of the arrangements establishing SJTPO. SJTA provides all financial administration necessary to receive SJTPO funds, support operation of SJTPO Central Staff, subcontract on behalf of SJTPO with the counties and consultants, and support work SJTA itself performs for SJTPO. SJTPO also draws on specialized capabilities available at SJTA when needed

Activities/Products:

- 1. Execute agreements, task orders, and modifications to receive SJTPO funds from NJDOT.
- 2. Execute agreements to pass SJTPO funds to the counties and consultants.
- 3. Provide all financial services necessary to support SJTPO Central Staff and contributing SJTA personnel, including development of billing rates, fiscal management, accounting, purchasing, payroll administration, annual audit, and preparation of invoices.
- 4. Provide all financial control and accounting activities necessary to support the contracts with counties and consultants, including pre-award audits of rates and procedures, review and payment of invoices, and preparation of invoices for reimbursement.
- 5. Assist SJTPO with IT issues aiming towards further integration into the SJTA IT system.
- 6. Provide additional specialized support as requested by SJTPO.

Funding: Estimated cost is \$50,000.

Task 08/202: NEW JERSEY TRANSIT COORDINATION & SUPPORT

Purpose:

This work item provides NJ TRANSIT support to the metropolitan planning process.

Description:

This task provides to the SJTPO and its member subregions support for transit planning, policy, and programming necessitated by federal planning, management system, and conformity regulations and requirements for substantial public involvement. NJ TRANSIT will participate on the Policy Board and Technical Advisory Committee and provide staff and technical support as follows: transit ridership statistics and trends, regional origin and destination survey information, and regional ridership forecasts. NJ TRANSIT will also provide ongoing technical support for the development of CAA strategies and the evaluation of STIP conformity. Regional demand modeling initiatives and applications will be reviewed as required. NJ TRANSIT staff will work with the SJTPO to provide project reporting information through the TIP report cards.

Tasks:

- Transit ridership and system information.
- Transit TCM evaluation. NJ TRANSIT staff will assist SJTPO with planning assumptions for Air Quality conformity analysis.
- Regional transit demand modeling coordination for the South Jersey model.
- Participation at SJTPO sponsored public forums.

Products:

- 1. "TIP report cards" showing progress in implementing NJ TRANSIT projects.
- 2. Regular updates on NJ TRANSIT initiatives and activities.
- 3. NJ TRANSIT support of SJTPO model development.

Funding: \$22,000

SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

08/301: <u>ATLANTIC COUNTY FY 2008 SUBREGIONAL</u> TRANSPORTATION PLANNING WORK PROGRAM

Goal: Improve the efficiency of the region's transportation network and system by participating in subregional transportation planning efforts.

I. PROGRAM ADMINISTRATION

Objective: Develop and implement the County's STP Work Program and provide general administration of the program.

Activities:

- 1. Submit quarterly progress and final completion reports of the FY 2008 STP Program to SJTPO (including status of local lead projects).
- 2. Maintain time sheets (by staff and task) of staff time under the subregional program.
- 3. Prepare a FY 2009 STP Work Program and submit to SJTPO.

Products:

- Quarterly Progress Reports.
- Final Reports.
- FY 2009 STP Work Program.

Due Dates:

- Quarterly Reports and Final Report 10 days after the close of the quarter.
- STP work Program as required by SJTPO

Funding: \$ 8,000.00

II. TRANSPORTATION FACILITIES/DATA FILE

Objective: Review and update the information base needed for transportation planning activities.

Activities:

- **Speed Trailer**: Maintain a log of counts taken utilizing the speed trailer (or any other use of trailer) listing dates, times, count locations, and count (if taken).
- **Traffic Counts**: Provide SJTPO with all information relating to traffic counts taken that were found under Subregional Program and for traffic counts not funded under this program, count location, date and total count.
- **3.** <u>Population Projections</u>: Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.

- **Data Dissemination**: Respond to transportation related data requests from the general public and private agencies. This includes requests for information (e.g., accident data, traffic counts, aerial photography products).
- **Data Compilation**: The Office of Policy and Planning will cooperate with the Division of Engineering in collection of automatic and manual traffic counts to support the ongoing evaluation of projects for the County's Highway Improvement Program and to support the SJTPO efforts to update the South Jersey Travel Demand Model. This includes the County's county program, NJDOT permanent county station data, and SJTA data on the A.C. Expressway traffic, as well as NJT passenger data and Atlantic City International Airport.
- 6. <u>County Transportation Plan Element Update</u>: Continue to review the data, general information (accident and transportation count data land use information) and newly proposed state and local development projects that relate to the data base, basic assumption and circulation element of the plan to determine if there is a need to modify/revise the recommendations of the County Plan.
- **SJTPO** Assistance-General: Provide information and input needed for the update of the SJTPO RTP. Participate in the operation and refinement of SJTPO CMS, including provision of any existing data needed for the addition of County roads to the CMS NETWORK. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

Products:

- County's population projections.
- Log of Speed Trailer use and summary of Year 2000 Aerial products disseminated
- Traffic counts on the Atlantic County road network, as well as airport and bus transit passenger count.

Due Date: Submit products, information and comments prepared or compiled within a quarter (including traffic counts, speed trailer and aerial product dissemination logs) with the STP Quarterly Reports for that quarter.

Funding: \$ 12,000.00

III. TRANSPORTATION IMPROVEMENT PROGRAM

Objective: Develop County Transportation Improvement, Study & Development, and State Aid Programs that are consistent with local, State, and regional plans and goals and assist SJTPO in the development of the regional TIP and Study & Development Program.

Activities:

- 1. Ranking System: Provide comments to SJTPO on the project ranking system (as needed).
- **Atlantic County HIP:** The DRPED will work in conjunction with NJDOT and Engineering Division and the County Administration to revise and maintain the County Highway Improvement Program (HIP). This program identifies projects to be constructed with local funds, projects to be processed for the local; TIP/CTP Program and those to use Federal funding.

- **TIP Pool:** Provide SJTPO with construction-ready road projects or other eligible (e.g. scooping) projects to be included in the SJTPO FY 2006 TIP project pool. Review and comment on ranking and prioritize projects submitted for inclusion in the pool. Provide local lead project status report with each STP Quarterly Report.
- **4.** <u>CTP:</u> In cooperation with the HIP committee, identify and prioritize projects for Capital Transportation Program of State Aid County projects. Current and past CTP projects will be monitored as needed. Submit the CTP to SJTPO for its files.
- **Study & Development/Other**: Screen and evaluate Study & Development proposals and technical candidates.
- **6. SIP**: Review and comment on NJDOT and TIP/SIP process and conclusion relating to air quality conformity.
- **Transportation Development Districts (TDD)**: Atlantic County continues to administer three TDDs. In addition, the DRPED will continue to review the respect improvement programs and prioritize projects in each of these Districts.
- 8. <u>Transportation System Management</u>: Immediate, low cost improvements will be investigated and installed on an as-needed basis. Typical examples include refinement of existing site planning standards regarding parking, access design, internal circulation, and off site improvements. This will also add calculation of pro-rata share contributions for improvements already called for in the County's Highway Improvement Programs. DRPED will also test alternative improvement concepts to be advanced through design and will participate in public information session to solicit public input.

Products:

- A database program (with regular updates) tracking status of County-funded and State Aid transportation projects (distributed to County departments in the HIP program).
- County TIP pool candidates, Capital Transportation Program.
- County Local Lead Status Report.
- County input into the DJTPO Study & Development Program.
- NJDOT Quarterly Project meetings. Summary of activities and any plan or plan element updates.
- Continued prioritization of Transportation Development District projects within the three corridors established by the County.
- On going coordination with the WIB to facilitate increased mobility in the region. Additionally, coordination with NJ Transit and assistance to municipalities requesting additional transit services as well as participation in the Rail Feasibility Study.
- Improvements identified and constructed when appropriate.

Due Dates: Local Leads- as specified by SJTPO, CTP- when completed or with FY 2006 Final Report at the least, County Local Lead Status Report- include with each STP Quarterly Report, and Other Products- with appropriate STP Quarterly Report or Final Report.

Funding: \$ 12,000.00

IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION

Objective: Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities:

- **SJTPO Meetings**: Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
- 2. Other Meetings/ Studies: Attend other transportation-related meetings as appropriate.
- **Public Participation**: Emphasize and encourage public involvement in the transportation planning process.

Product: Summary (brief description of meeting, date, and attending county staff) of meetings attended.

Funding: \$12,000.00

V. SUPPORTIVE STUDIES - Road Safety Audit, Highway Access and Management Study of Ocean Heights Avenue (from Mills Road to Shore Road)

Objective: Atlantic County will appoint a consultant to conduct study in two parts within FY 2008. First part will be road safety audit and second a conceptual and preliminary design to be incorporated as a complete project. This study will complete a loop/extension of 2007 Study of English Creek Avenue with in Egg Harbor Township, Somers Point/Linwood in south-west of Atlantic County.

Study Description:

Part 1

- 1. The consultants and County will select interdisciplinary audit team.
- 2. Conduct a pre-audit meeting to review project information and drawings.
- 3. Perform field review under various conditions.
- 4. Conduct audit analysis and prepare report of findings.
- 5. Present audit finding to Atlantic County and SJTPO.
- 6. Prepare final response.
- 7. Incorporate findings to the conceptual preliminary design.

Part 2

- 1. Evaluate existing roadway and intersection geometrics, traffic counts/ADTs, traffic turning movements at critical intersection, accident data and analysis and operation.
- 2. Project traffic at ten years growth based on above data and known development projects proposed in the vicinity of this portion of the road and operational on no build scenario with projected traffic growth.
- 3. Conduct a warrant analysis in accordance with MUTCD standards on major intersections or road.
- 4. Conduct the queuing analysis.
- 5. Conduct left-turn lane analysis based upon the traffic volume.
- 6. Prepare conceptual preliminary design based upon the finding of part 1.
- 7. Prepare conceptual preliminary design based upon traffic data in 1 to 5 above.
- 8. Final Reports and Plans.

Funding: \$ 60,000.00

FUNDING SUMMARY

Task		Budget
	I. Program Administration	\$ 8,000.00
	II. Transportation Facilities	\$ 12,000.00
	III. TIP	\$ 12,000.00
	IV. Coordination	\$ 12,000.00
	V. Supportive Studies	\$ 60,000.00
TOTAL		\$ 104,000.00
	Federal Share (80%)	\$ 83,200.00
	County Match (20%)	\$ 20,800.00

STAFFING PLAN

<u>Name</u>	Position	Days
Joseph Maher	Director	10
John Peterson	Deputy Director (PD)	30
Brian Walter	Principal Planner	04
Robert Lindaw	Supervising Planner	04
Barry Hackett	GIS Director	10
Matt Duffy	GIS Specialist	26
Scott Dalton	GIS Specialist	20
Melanie Ruff	GIS Specialist	20
Sarah Taylor	GIS Specialist	20
Everest John	Assistant Planner	80
Jim Menge	Engineering Aid	10
John Masi	Engineer	12

08/302: <u>CAPE MAY COUNTY FY 2008 SUBREGIONAL</u> TRANSPORTATION PLANNING WORK PROGRAM

Goal: Improve the efficiency of the region's transportation network and system by participating in subregional transportation planning efforts.

I. PROGRAM ADMINISTRATION

Objective: Develop and implement the County's STP Work Program and provide general

administration of the program.

Activities:

1. Submit quarterly progress and final completion reports of the FY 2008 STP Program to SJTPO.

- 2. Maintain time sheets (by staff and task) of staff time under the Subregional Program.
- 3. Prepare an FY 2009 STP Work Program and submit it to SJTPO.

Products:

- Quarterly Progress Reports (4)
- Final Report
- FY2009 STP Work Program

Due Dates:

- Quarterly Reports and Final Report 10 days after the close of the Quarter
- STP Work Program as required by SJTPO

Funding: \$7,000

II. TRANSPORTATION FACILITIES/DATA FILE

Objective: Review and update and maintain the information base needed for transportation planning

activities.

Activities:

- 1. <u>Speed Trailer</u> Note in the quarterly report the total number of times use was made of the speed trailer supplied by SJTPO.
- 2. <u>Traffic Counts</u> Provide SJTPO with all information relating to traffic counts that were funded under the Subregional Program and, for traffic counts not funded under this program, count location, date and total count.
- **3.** <u>Population Projections</u> Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
- **4.** <u>Data File</u> Maintain transportation data files, including accident data and traffic, speed and turning movement counts compiled from various sources.
- **5.** <u>Data Dissemination</u> Respond to transportation-related data requests from the general public and public and private agencies. This includes requests for information (e.g., accident data, traffic counts, aerial photography products).

- **6.** <u>SJTPO Assistance General</u> Provide information and input needed for the update of the SJTPO RTP. Participate in the operation and refinement of the SJTPO CMS, including provision of any existing data needed for the addition of county roads to the CMS network. In cooperation with SJTPO, review and comment on information and conclusions resulting from the various State Management Systems prepared by NJDOT.
- 7. <u>SJTPO Safety Management System</u> As needed and requested by SJTPO, provide assistance to SJTPO in the development of its safety management system and other safety-related projects. This may include county-prepared AADT estimates and information on county road profiles for locations identified as potentially hazardous.
- **8.** County Transportation Plan Element Update Continue to review the data, general information (e.g., accident and traffic count data and land use information) and newly proposed state and local development projects that relate to the data base, basic assumptions and circulation element of the Plan to determine if there is a need to modify/revise the recommendations of the County.

Products:

- County population projections
- Traffic, speed and turning movement count data
- Information requested by SJTPO relating to the development of the RTP and the SJTPO Safety Management System

Due Date: Submit products, information and comments prepared or compiled within a quarter (including traffic counts) with the STP quarterly reports for that quarter.

Funding: \$ 15,000

III. TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Objective: Develop and assist SJTPO with the preparation of a County Transportation Improvement Program, and a Study & Development Program that are consistent with regional plans and goals.

Activities:

- **1.** Ranking System Provide comments to SJTPO on the established project ranking system (as needed).
- **2.** <u>TIP Pool</u> Provide SJTPO with construction-ready road projects or other eligible (e.g., scoping) projects to be included in the SJTPO TIP project pool. Review and comment on ranking and prioritize projects submitted for inclusion in the pool. Provide a local lead project status report with each STP Quarterly Report. Monitor the progress of all projects and necessary TIP amendments.
- **3.** <u>Study & Development/Other</u> Screen, evaluate and propose Study & Development projects and technical study candidates.
- **4.** <u>SIP</u> Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Products:

- Ranked County TIP pool candidates
- County Study and Development list
- County Local Lead Status Reports (4)

Due Dates:

- County Local Lead and Study and Development list- as specified by SJTPO.
- County Local Lead Status Report included with each STP Quarterly Report.

Funding: \$ 9,250

IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION

Objective: Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities:

- 1. <u>SJTPO Meetings</u> attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
- 2. Other Meetings/Studies Attend other transportation-related meetings as appropriate.
- **3.** <u>Public Participation</u> Emphasize and encourage public involvement in the transportation planning process.

Product: Summary (brief description of meeting, date, attending county staff) of meetings attended.

Funding: \$ 10,000

V. <u>SUPPORTIVE STUDIES</u>

Objective: Evacuation is a prominent issue for Cape May County and the SJTPO region. Because of its strategic location, the County attracts millions of visitors annually. Insuring that the transportation system can adequately provide for an efficient and safe evacuation of these visitors in the event of a significant natural disaster is of prime importance. Using funds from Task Five of this grant, **a consultant will be hired** to evaluate selected planned evacuation routes via a GPS survey to verify whether the roadways are usable in the event of a hurricane or other significant tidal event. Elevation data will be collected and compared to the USACE SLOSH model flood elevations to determine probability of flooding during evacuation events.

Activities:

- **1.** An elevation survey of prominent evacuation roads.
- **2.** An analysis of the evacuation capabilities of these roads.

Product: A study of selected roadways with an evaluation of their evacuation capabilities during various tidal events.

Due Date: When completed or with Subregional Final Report at the latest.

Funding: \$18,750 (Consultant - \$15,000, County in-kind local match -\$3,750)

FUNDING SUMMARY

<u>Task</u>	Budget
 I. Program Administration II. Transportation Facilities/Data File III. Transportation Improvement Program IV. Interagency Coordination and Public Participation V. Supportive Activities 	\$ 7,000 \$15,000 \$ 9,250 \$10,000 \$18,750
TOTAL	\$60,000
Federal Share (80%) County Match (20%)	\$48,000 \$12,000

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
James Smith	Director	52
Martin Teller	Principal Planner	18
Brigitte Sherman	Principal Planning Aide	13.5
Brian O'Connor	Senior Planning Aide	10
Jason Downey	GIS Trainee	5
Charles Wieland	Traffic Enumerator	73
Lucille DeSimone	Administrative Secretary	5

08/303: <u>CUMBERLAND COUNTY FY 2008 SUBREGIONAL</u> TRANSPORTATION PLANNING WORK ROGRAM

Goal: Improve the efficiency of the region's transportation network and system by participating in subregional transportation planning efforts.

I. PROGRAM ADMINISTRATION

Objective: Develop and implement the County's STP Work Program and provide administration of the program.

- 1. Submit quarterly progress and final completion reports of the FY 2008 STP Program to SJTPO (including status of Local Lead projects).
- 2. Maintain time sheets by staff and task of staff time under the Subregional Program.
- 3. Prepare an FY 2009 STP Work Program and submit to SJTPO.

Products:

- FY 2008 Quarterly Progress Reports
- FY 2008 Final Report
- FY-2009 STP Work Program

Due Dates:

- Quarterly Reports and Final Report; 10 days after the close of each quarter
- STP Work Program; as required by SJTPO

Funding: \$7,500

II. TRANSPORTATION FACILITIES/DATA FILE

Objective: Review, update, and maintain the information base needed for Transportation Planning activities.

Activities:

- **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken, that were funded under the Subregional Program, and also traffic counts not funded under this program. Count location, date, and total count.
- **Population Projections:** Review and comment on SJTPO population projections, and as needed, develop and provide population projections to SJTPO.
- **Data File:** Maintain transportation data files, including accident data and traffic counts compiled from various sources.
- **Data Dissemination:** Respond to transportation related data requests from the general public, private agencies, and public agencies. This includes requests for information such as accident data, traffic counts, aerial photography products, etc.

- **SJTPO** Assistance, general: Provide information and input needed for the update of the SJTPO RTP. Participate in the operation and refinement of the SJTPO CMS, including provision of any existing data needed for the addition of County roads to the CMS network. In cooperation with SJTPO, review and comment on information and conclusions resulting from the various State Management Systems prepared by NJDOT.
- **SJTPO Safety Management System:** As needed and as requested by SJTPO, provide assistance to SJTPO in the development of its safety management system and other safety-related projects. This may include county-prepared AADT estimates and information on county road profiles for locations identified as potentially dangerous.
- 7. <u>Bikeway Planning:</u> Plan, maintain and oversee upkeep of existing County bicycle routes, as well as study various County roads for future bicycle routes. Make timely reports to SJTPO on effectiveness and usage upkeep of existing routes.

Products:

- a. Traffic counts, including count, location, and date
- b. County population projections
- c. Provide transportation data files as requested
- d. Provide any data as requested
- e. Any information as needed and requested by SJTPO relating to development of the RTP and SJTPO Safety Management System

Due Date: To be submitted as part of each quarterly STP report.

Funding: \$17,000

III. TRANSPORTATION IMPROVEMENT PROGRAM

Objective: Develop and assist SJTPO with the preparation of a County Transportation Improvement Program, and Study & Development Program that are consistent with regional plans and goals.

Activities:

- 1. Ranking System: Provide comments as needed, to SJTPO on the project ranking system.
- **TIP Pool**: Provide SJTPO with construction-ready road projects, or other eligible (e.g., scoping) projects to be included in the SJTPO TIP project pool. Review and comment on ranking and prioritize projects submitted for inclusion in the pool. Provide a Local Lead project status report with each STP Quarterly Report. Monitor the progress of all projects and necessary TIP amendments.
- **3.** <u>Study & Development/Other:</u> Screen, evaluate and propose Study & Development projects and Technical Studies candidates.
- **SIP:** Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Products: County TIP pool candidates and County Local Lead Status Report.

Due Dates: Local Lead & Study & Development candididates: as specified by SJTPO

Funding: \$7,000

IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION

Objective: Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Activities:

- **SJTPO Meetings:** attend regular meetings of the TAC, and (as needed) Policy Board and any other SJTPO subcommittees.
- **Other Meetings/Studies:** Attend other transportation-related meetings, as appropriate.
- **Public Participation**: Emphasize and encourage public involvement in the transportation planning process.

Product: Summary of meetings attended (brief description of meeting, date, attending County staff)

Funding: \$9,000

V. <u>SUPPORTIVE ACTIVITIES</u>

Objective: Identify and recommend improvements for County roads having substandard right of way widths (ROW less than 49 5 ft.).

Activities:

- **1.** Select and hire a consultant to undertake project.
- 2. Provide data & monitor/review consultant' work

Product: A map in GIS format of county roads with right of way less then 49.5 feet and a written report that 1) ranks the roads in order of importance based on function, volume and critical need; identifies property by municipality, blocks and lots along those roads; 3) identifies critical intersections along those roads; 4) develops a program for acquiring right of ways; and 5) prepares designs for the 10 most critical intersections.

Funding: \$50,000

FUNDING SUMMARY

<u>Task</u>		Budget
I.	Program Administration	\$7,500
II.	Transportation Facilities and Date File	\$17,000
III.	Transportation Improvement Program	\$7,000
VI.	Interagency Coordination and Public Participation	\$9,000
V.	Supportive Activities	\$50,000
TOT	AL	\$90,500
Fede	ral Share (@ 80% total)	\$72,400
Coun	ty Match (@20% total)	\$18,100

STAFFING PLAN

Name	Position	Days
Brewer	Director	25
Apprentice	Planning Aide	75
Mollick	Assistant Planner	10
Buono	GIS Specialist	5
Browne	Graphics specialist	5
James	Administrative Secretary	5

08/304: SALEM COUNTY FY 2008 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

Goal: Improve the efficiency of the region's transportation network and system by participating in subregional transportation planning efforts.

I. PROGRAM ADMINISTRATION

Objective: Develop and implement the County's STP Work Program and provide general administration of the program.

- 1. Submit quarterly progress and final completion reports of the FY2008 STP program to SJTPO (including status of local lead projects).
- 2. Maintain time sheets (by staff and task) of staff time under the Subregional Program.
- 3. Prepare an FY2009 STP Work Program and submit it to SJTPO.

Products:

Quarterly Progress Reports Final Report FY2009 STP Work Program

Due Dates:

- Quarterly Reports and Final Report 10 days after the close of the Quarter
- STP Work Program as required by SJTPO

Funding: \$3,000

II. TRANSPORTATION FACILITIES/DATA FILE

Objective: Review and update the information base needed for transportation planning activities.

Activities:

- **1.** <u>Traffic Counts</u> Provide SJTPO with all information relating to traffic counts taken that were funded under the Subregional Program and, for traffic counts not funded under this program, count location, date and total count.
- 2. <u>SJTPO Assistance General</u> Provide information and input needed for the update of the SJTPO RTP. Participate in the operation and refinement of the SJTPO CMS, including provision of any existing data needed for the addition of county roads to the CMS network. In cooperation with SJTPO, review and comment on information and conclusions resulting from the various State Management Systems prepared by NJDOT.
- **3.** <u>SJTPO Safety Management System</u> As needed and requested by SJTPO, provide assistance to SJTPO in the development of its safety management system and other safety-related projects. This may include county-prepared AADT estimates and information on county road profiles for locations identified as potentially hazardous.

- **4.** <u>Population Projections</u> Review and comment on population and other data projections developed by SJTPO and other agencies. Provide, as needed, population projections at the County/municipal level.
- **5.** Review/Update Accident and Traffic Volume Data Identify problem areas along the County road network (this will tie into the Task V project County Transportation Plan Update).

Products:

- Traffic count data
- Population projections (if developed by County)
- Information requested by SJTPO relating to the development of the RTP and the SJTPO Safety Management System

Due Date: Submit products, information and comments prepared or compiled within a quarter (including traffic counts) with the STP Quarterly Reports for that quarter.

Funding: \$5,000

III. TRANSPORTATION IMPROVEMENT PROGRAM

Objective: Develop and assist SJTPO with the preparation of a County Transportation Improvement Program, and a Study & Development Program that are consistent with regional plans and goals.

Activities:

- 1. Ranking System Provide comments to SJTPO on the project ranking system (as needed).
- **2.** <u>TIP Pool</u> Provide SJTPO with construction-ready road projects or other eligible (e.g., scoping) projects to be included in the SJTPO TIP project pool. Review and comment on ranking and prioritize projects submitted for inclusion in the pool.
- 3. Study & Development/Other Screen, evaluate and propose Study & Development Projects and technical studies candidates.
- **4.** <u>SIP</u> Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Products: County TIP pool candidates

Due Dates: Local Lead - as specified by SJTPO

Funding: \$5,000

IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION

Objective: Coordinate the County's transportation planning with SJTPO and other related organizations and to support public involvement.

Activities:

1. SJTPO Meetings - Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees and other transportation related meetings as appropriate.

Product: Summary (brief description of meeting, date, attending county staff) of meetings attended.

Funding: \$4,000

V. SUPPORTIVE ACTIVITIES

Objective: Update the 2001 Salem County Traffic and Transportation Plan and Report. This includes an update of the County transportation system overview (road network, roadway traffic volumes, roadway and shoulder widths, etc), identification of traffic problem areas and deficiencies (including high accident locations), and a revision of the County circulation Plan (e.g., the future functional classification system, proposed major improvements). The Report will also include information on the SJTPO Regional Plan and population and employment projections, the State functional classification system, and other State/regional information relating to Salem County. This will be a two year project, extending into FY 2009.

Activities:

- 1. Data Collection
- **2.** Review of relevant studies and proposals
- **3.** Data Analysis and evaluation of alternatives
- 4. Plan Development

Product: A draft County Transportation Plan and Report, to be completed in FY 2009.

Funding: \$20,000

FUNDING SUMMARY

<u>Task</u>	Budget
I. Program AdministrationII. Transportation Facilities/Data File	\$ 3,000 \$ 5,000
III. Transportation Improvement Program	\$ 5,000
IV. Interagency Coordination/Public Participation	\$ 4,000
V County Transportation Plan	\$ 20,000
TOTAL	\$37,000
Federal Share	\$29,600
County Match	\$ 7,400

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Joseph Federici	County Engineer	
Position to be filled	County Planning Director	
Charles Munyon	Principal Planner	

TECHNICAL PROGRAM

Task 08/401: FY 2008 ROAD SAFETY PROJECT DEVELOPMENT

Background: In cooperation with the South Jersey Traffic Safety Alliance, NJDOT, FHWA, and local officials, SJTPO conducted Road Safety Audits for selected highway segments throughout the region since FY 2004. These Safety Audits generated many short- and mid- term improvement recommendations, and this FY 2008 activity will provide assistance to project sponsors in developing projects for federal HSIP funding.

Funding: \$50,000

Project Manager: Timothy Chelius

Task 08/402: FY 2008 AIR QUALITY EMISSIONS MODELING

<u>Background:</u> SJTPO is responsible for taking the lead in emissions modeling work through use of the South Jersey Travel Demand Model (SJTDM). The major traditional work element is the annual completion of the Regional Transportation Plan (RTP)/Transportation Improvement Program (TIP) conformity analysis. In addition, regional involvement is required when new emissions budgets are developed.

This project will provide the needed consultant support. Tasks will include preparing input needed for the development by New Jersey Department of Environmental Protection (NJDEP) of new emissions budgets reflecting MOBILE 6 and provide technical review of NJDEP's budget development work. In addition, emissions analyses to demonstrate conformity for the FY 2008-2012 TIP, and analyze individual CMAQ project submissions will be prepared, if necessary.

Both of these tasks may involve meeting support and training for SJTPO staff to lead toward future inhouse performance of these tasks, as well as operation of the SJTDM, the Post Processor for Air Quality (PPAQ), and MOBILE.

Funding: \$40,000

Project Manager: Timothy Chelius

Task 08/403: FY 2008 SEAT BELT USE SURVEY

<u>Background:</u> SAFETEA-LU calls emphasizes safety in the metropolitan planning process, and also confirms the need for program evaluation through performance measures. Increasing seat belt use is frequently cited as one of the most important factors in reducing the severity of crashes and is a key component of several South Jersey Traffic Safety Alliance programs. Moreover, a 2002 statewide survey identified southern counties and predominantly rural counties as reflecting the lowest seat belt usage rates. In fact, Cumberland and Atlantic Counties, the only two SJTPO counties in that survey, had the lowest usage rates in New Jersey by a wide margin. In this project, SJTPO can also focus on suspected populations of concern, such as the region's large Spanish – speaking population, or low – income areas where seat belt use may lag. The survey results can also guide and help define SJTSA projects and programs. This FY 2008 effort will extend the work conducted in FY 2007.

Funding: \$50,000

Project Manager: Teresa Thomas

Task 08/404: FY 2008 TRAVEL DEMAND MODEL IMPROVEMENTS

<u>Background:</u> The South Jersey Travel Demand Model (SJTDM) came on line in mid-2000 after a protracted period of development and testing. Enhancements to the model were made during FY 2003 by integrating SJTPO's Household Travel Survey data into the SJTDM and improving the park-and-ride component of the mode-choice model. Further refinements were undertaken by NJDOT in 2006, which also yielded a program of recommended further improvements. These, and recommendations from a peer review conducted in 2004, will form the basis of the FY 2008 SJTDM Improvement Project.

Further activities may include:

- Extensive traffic counting, including the possible installation of permanent counting stations
- Upgrades to the original Map Info GIS platform.
- Fully upgrading to TP Plus travel demand modeling program, if so advised by NJDOT and NJ Transit.
- Additional network detail, especially for the western portion of the SJTPO region.
- Improvements to the temporal model, the HPMS vs. model VMT fit, and casino and convention center characteristics, all of which were called out as high priority improvement needs in late 2003.
- Carrying out the recommendations of the 2004 Model Calibration and Validation Study by the University of Alabama.

Funding: \$145,000 (from FY 2007)

Project Manager: Les Varga

Task 08/405: 2035 REGIONAL TRANSPORTATION PLAN UPDATE

Background: The current Regional Transportation Plan (RTP) is dated June 2004 and has a horizon year of 2025. With the passage of SAFETEA-LU the update cycle for areas of non-attainment, like the SJTPO region, went from three years to four years. The twenty year horizon period remains the same. The legislation further stipulated that if a MPO is intent on being SAFETEA-LU compliant, they can utilize the four year cycle immediately. The action by which the four year clock begins is the air quality conformity determination by the US Environmental Protection Agency (EPA); that date is October 2004 for the SJTPO. Adding four years to that date yields a valid RTP for the period from October 2008 to October 2012, with a horizon year of 2032. The 2035 RTP will benefit from two significant SJTPO lead data collection efforts: 1) the 2030 Demographic Forecasts completed in FY 2006, with data including 2035; and 2) the Telephone Public Opinion Survey completed in FY2007. A SJTPO anticipated product for FY 2007 is a Regional Profile, which will interpret and visually display the demographic data gathered. The consultant led effort will benefit from staff support and the just mentioned products along with the model project referenced above to prepare the 2035 Regional Transportation Plan update.

Funding: \$100,000

Project Manager: Les Varga

Task 08/406: <u>SJTPO COASTAL EVACUATION ANALYSIS</u>

<u>Background</u>: Coastal evacuation is one of the most critical issues facing SJTPO, especially in light of recent simulations by the New Jersey Institute of Technology (NJIT) indicating that roadway operational plans currently in place will not improve clearance times for evacuees from a major storm event. In FY 2007, SJTPO commissioned additional analysis by NJIT to expand the scope of their initial study to other coastal areas of Cape May County.

This FY 2008 Task will further expand the roadway elevations and traffic simulations to coastal areas in Cumberland, Atlantic, and Salem Counties, and will recommend roadway improvements to accommodate the operations plans under development by the NJ State Police, County Emergency Management offices, and others.

Funding: \$85,000

Project Manager: Timothy Chelius

Task 08/407: SJTPO/DVRPC BUS ROUTE SURVEY

<u>Background:</u> This project will be a joint FY 2008 effort shared between SJTPO and DVRPC. Selected bus routes, most of which operate in both the SJTPO and DVRPC regions, will be surveyed to obtain data that will be used to calibrate the South Jersey Travel Demand Model.

Survey costs include design of questionnaires, pilot testing, survey administration, distribution and collection, coding, cleaning, tabulation, and preparation of a summary report. Data to be collected include trip origin and destination, trip purpose, mode of access and egress, demographic and socioeconomic information, and perception of transit services. The goal is to distribute questionnaires to 100% of all riders in one peak direction. Shore service routes would be surveyed in July and commuter routes in October.

Funding: \$35,000

Project Manager: Les Varga

Task 08/408: <u>ATLANTIC CITY INTERNATIONAL AIRPORT ECONOMIC IMPACT ANALYSIS</u>

Background: In light of the significant planned airside and landside expansions at the Atlantic City International Airport, a regional economic impact analysis of this expansion and related air travel growth will be conducted. The analysis will consider SJTPO demographic forecasts, and local economic development and land use initiatives, and the results will be coordinated with SJTPO's 2035 Regional Transportation Plan.

Funding: \$40,000 (from FY 2007)

Project Manager: SJTA

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

08/501: NEW JERSEY DEPARTMENT OF TRANSPORTATION
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

If you have any questions or would like a hard copy of the New Jersey Department of Transportation State Planning and Research Management Systems Work Program

Please Call: NJDOT Bureau of Statewide Planning 609-530-2884

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

08/502: <u>NEW JERSEY TURNPIKE AUTHORITY</u>

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

The New Jersey Turnpike Authority
Work Program is Included as
Appendix 1
To this Document

08/503: <u>DELAWARE RIVER AND BAY AUTHORITY</u> <u>NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES</u>

WILL BE PROVIDED IN FINAL

08/504: SOUTH JERSEY TRANSPORTATION AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

WILL BE PROVIDED IN FINAL

FINANCIAL INFORMATION

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION FY 2008 UNIFIED PLANNING WORK PROGRAM

TABLE 2 FUNDING OVERVIEW 3/26/07

Central Staff Work Program	\$914,552
Agency Supportive Work Programs	
SJTA Support Work Program	\$ 50,000
NJ Transit Support	\$ 22,000
Sub Total	\$ 72,000
Subregional Work Programs	
Atlantic County	\$ 104,000
Cape May County	\$ 60,000
Cumberland County	\$ 90,500
Salem County	\$ 37,000
Sub Total	\$ 291,500
Technical Program	
FY 2008 Road Safety Project Development	\$ 50,000
FY 2008 Air Quality Analysis	\$ 40,000
FY 2008 Seat Belt Use Survey	\$ 50,000
FY 2008 Travel Demand Model Improvements	\$145,000
2035 Regional Transportation Plan	\$100,000
SJTPO Coastal Evacuation Analysis	\$ 85,000
SJTPO/DVRPC Bus Route Survey	\$ 35,000
AC Int'l Airport Economic Impact Analysis	\$ 40,000
Sub Total	<u>\$545,000</u>
Grand Total	\$1,823,052

Note: Subregional Work Program amounts include Federal funds and matching shares.

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION FY 2008 UNIFIED PLANNING WORK PROGRAM

TABLE 3 PROGRAMMED RESOURCES

3/26/07

FHWA FY 07 PL Allocation FHWA FY 06 PL Carryover (from 07/405) FHWA FY 06 PL Carryover (from 07/408) TOTAL AVAILABLE FHWA PL	\$898,411 \$135,000 <u>\$37,621</u> \$1,071,032
FTA FY 07 PL Allocation FTA FY 06 PL Carryover (from 07/405) FTA FY 06 PL Carryover (from 07/408) TOTAL AVAILABLE FTA PL	\$423,141 \$ 35,000 \$ 2,379 \$ 460,520
FHWA FY 06 Surface Transportation Program Funds Total Federal Resources for FY 08 UPWP	\$ 233,200 \$1,764,752
Local Match (see Note)	<u>\$ 58,300</u>
GRAND TOTAL	\$1,823,052

NOTE: Local Match supports Subregional Planning Progam activities.

TABLE 4 – FUNDING SOURCE SUMMARY

TABLE 5 – CENTRAL STAFF BUDGET

TABLE 6 – ESTIMATED TASK COSTS

TABLE 7 – FEDERAL PARTICIPATION BY TASK