

SOUTH

JERSEY

TRANSPORTATION

PLANNING

ORGANIZATION

UNIFIED

PLANNING

WORK

PROGRAM

FISCAL YEAR 2007

SOUTH JERSEY
TRANSPORTATION PLANNING
ORGANIZATION
FY 2007
UNIFIED PLANNING WORK PROGRAM

Policy Board Approved

March 27, 2006

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

FY 2007 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 ("3C") 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 emphasizes documentation 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 is an integrated document that 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, Executive Secretary: General administration, office and contract management, website

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

Les Varga, P.P. AICP, Manager of Regional Planning: Regional transportation planning, corridor and sub-area planning, census, ped/bike planning

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

Nancy Hammer, Office Assistant: General office duties

Theresa Lappe, Transportation Planner: TIP, air quality, Transportation Enhancements

William Schiavi, Safety Analyst: Safety Conscious Planning

VACANT, Community Safety Outreach Specialist: Community safety outreach

VACANT, Transportation Planner: Title VI, Geographic Information Systems, CMS

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.

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

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety and security of the transportation system for motorized and non-motorized users;
- Increase the accessibility and mobility options available to people and for freight;
- Protect and enhance the environment, promote energy conservation, and improve quality of life;
- 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.

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.

This FY 2007 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.

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 2007 PLANNING PRIORITIES

Advancing safety considerations into regional planning will continue to be a top priority in FY 2007, especially with the explicit recognition of safety as a core program in SAFETEA-LU. SJTPO will advance the Safety Conscious Planning (SCP) model 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.

Central Staff Work Program (\$968,261) - 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. Support to the South Jersey Traffic Safety Alliance will continue to be important. In addition, advancing Safety Conscious Planning will be a significant task, as SJTPO continues in its nationally – recognized leadership role in integrating safety into planning. Staff will prepare the FY 2008 UPWP and will provide all general support needed for SJTPO operations. Efforts to fill vacant staff positions will continue.

Transportation Agency Supportive Work Programs (\$53,000) - 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.

Subregional Transportation Planning Work Programs (\$296,500) - The four counties' planning agencies 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 (\$109,000) - will study a potential expansion of freight services
- Cape May County (\$60,000) - will conduct a corridor analysis for Sunset Boulevard
- Cumberland County (\$90,500) – will conduct a County truck route study
- Salem County (\$37,000) - will provide basic regional planning support

Technical Program (\$880,000) - To supplement the various agency work programs described above, SJTPO will support technical studies and projects performed by consultants, as follows:

- FY 2007 Road Safety Audits and Project Development (\$150,000) - In cooperation with the South Jersey Traffic Safety Alliance, NJDOT, FHWA, and local officials, SJTPO will conduct Road Safety Audits for selected highway segments throughout the region. The Safety Audits will serve as a basis for programming near-, mid-, and long-term improvements. A second phase of the project will be to provide assistance to project sponsors in advancing short-term, low cost safety improvements to authorization for federal STP-SY funding.
- FY 2007 Air Quality Emissions Modeling (\$50,000) – This task will provide consultant assistance for emissions modeling work previously provided through NJDOT. 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.

- Western Atlantic County Rural Road Safety Scan, Phase II (\$50,000) – In light of a high number of crashes in western Atlantic County, consultant assistance will be used to identify quick, low-cost improvements on county roads. This project will continue the Scan begun in FY 2006.
- FY 2007 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 2007 SJ Travel Demand Model Improvements (\$250,000) – Major improvements to the SJ Travel Demand Model will be conducted during FY 2007 and 2008. The first phase will involve a comprehensive traffic counting program during the first half of FY 2007, followed by model improvement tasks in FY 2007 and 2008 as determined through work being sponsored by NJDOT in FY 2006.
- SJTPO Safety Management System Development (\$200,000) - A key goal of SJTPO is to incorporate safety into its planning and programming. The Development of Regional Safety Priorities project will create a formalized mechanism for SJTPO to identify high – priority safety needs and advance eligible projects to implementation
- Scenario Planning (\$90,000) – SJTPO will begin a Scenario Planning effort as a framework for the FY2008 Regional Transportation Plan update.
- SJTPO GIS System Development (\$40,000) - The SJTA Department of Policy and Planning will assist SJTPO through the development of various GIS products

A total of \$2,197,761 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 07/110: REGIONAL TRANSPORTATION PLANNING

Task 07/111: 2030 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 RTP update due in 2008, and enable plan outreach and refinement to continue.

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 Living Plan work – originally due March 31, 2005, and now a Draft is anticipated in April 2006 – as the basis for SJTPO's Regional Performance Measures.
3. Utilize the Task 5 (Reporting System) Product of the Living Plan – originally due July 29, 2005, and now a Draft is anticipated in April 2006 – 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).
5. Coordinate public participation activities specific to the RTP update.

Funding: Estimated cost is \$65,000

Program Manager: Les Varga

Staffing Plan (person – days):

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	77
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	75

Task 07/112: 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 in various committees involved in statewide planning, such as the NJ Intelligent Transportation Advisory Committee, 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.
4. 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

Staffing Plan (person – days):

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	55
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	75

Task 07/113: CURRENT REGIONAL ISSUES

Objective:

Current Regional Issues is an on-call activity to respond to transportation issues 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 four counties to assist the Work First New Jersey welfare-to-work transportation initiative and to advance county Job Access/Reverse Commute programs.
3. Work with the Delaware Valley Regional Planning Commission and the North Jersey Transportation Planning Authority on matters affecting both 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 new and proposed State and federal legislation, regulations, and policies, especially SAFETEA-LU.

Funding: Estimated cost is \$40,000

Program Manager: Les Varga

Staffing Plan (person – days):

Timothy Chelius, Executive Director	10
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	50
Michael Reeves, Spec. Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	10
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	19

Task 07/114: 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. Compile data and GIS mapping overlays (in hard copy and digital format) from various sources, including the US Census/State Data Center, NJDOT and other State Departments, the SJTPO counties, SJTA, and neighboring MPOs.
2. As needed, prepare, enhance and update regional and subregional base maps of statistics (e.g., accident and traffic count data, pavement and congestion management data, air quality statistics) 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 coverages and the New Jersey Congestion Management System files with the current GIS coverages and databases to further develop and enhance the regional database.
4. Develop GIS outputs to support performance-based capital programming techniques.
5. Continue computer and GIS mapping system evaluation to identify needed or beneficial enhancements in hardware and software.

Funding: Estimated cost is \$50,000

Program Manager: VACANT

Staffing Plan (person – days):

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	25
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	89

Task 07/115: CONGESTION MANAGEMENT SYSTEM

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 System (CMS) for their region. The CMS 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 CMS for the SJTPO region became fully operational, and subsequent enhancements have been made to SJTPO's CMS, notably, the use of the South Jersey Travel Demand Model as the primary technical tool.

Activities and Products:

1. Operate congestion management system.
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 CMS tool for selected output measures and on-call planning activities.

Funding: Estimated cost is \$20,000

Program Manager: VACANT

Staffing Plan (person – days):

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	30
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	10

Task 07/116: 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

Staffing Plan (person – days):

Timothy Chelius, Executive Director	10
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	10
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	20

Task 07/117: PUBLIC INVOLVEMENT

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 06/300) also supports SJTPO's public involvement.

Activities and Products:

A. Public Information

1. Publish an annual report to describe SJTPO activities and accomplishments for a wide audience.
2. Issue the SJTPO On the Go newsletter for regular communication to a wide audience. Continue media relations and prepare press releases as needed.
3. Fully utilize the SJTPO World Wide Web homepage www.sjtpo.org to provide additional information and features that will encourage broader participation.

B. Citizen Involvement

1. Conduct renewed outreach to major interest groups, including civic, business, and other public interest organizations.
2. Reconstitute the Citizens Advisory Committee, including sending notices and materials, outreach, logistical arrangements for meetings, and miscellaneous assistance to members.

C. Title VI

1. Keep up to date on Title VI activities, and advance the recommendations of SJTPO's EJ Evaluation and Strategy Project.
2. Continue work with member counties to add more community-based organizations and underserved, low income, minority, disabled, and elderly individuals to the mailing list.
3. Update the demographic profile of region that identifies the locations of populations of concern using 2000 Census data.
4. Analyze SJTPO's draft FY 2006-2008 TIP with respect to the impact of SJTPO's projects and programs upon Title VI/EJ populations of concern.
5. Maintain a process for engaging populations of concern in identifying needs and transportation decision making.

6. Prepare the information on affected communities from the updated demographic profile for inclusion in the RTP.

Funding: Estimated cost is \$30,000

Program Managers: Public Information – Les Varga

Citizen Involvement – Les Varga

Title VI – VACANT

Staffing Plan (person – days):

Timothy Chelius, Executive Director	21
Monica LoGuidice, Executive Secretary II	20
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	13
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	16
VACANT, Transportation Planner/GIS	0

ACTIVITY 07/120: SAFETY

Task 07/121: SAFETY CONSCIOUS PLANNING (SCP)

Objective:

Safety Conscious Planning (SCP) is a proactive approach aimed at preventing crashes and unsafe conditions. While SCP is a relatively new concept in New Jersey, SJTPO and the South Jersey Traffic Safety Alliance have been introducing multidisciplinary programs by integrating engineering, enforcement, education, and planning. Other broad SCP activities include transportation safety considerations as a key decision-making parameter in evaluating projects and programs.

In FY 2007, SJTPO will continue to advance SCP as a key feature of the upcoming Year 2030 Regional Transportation Plan. A key product 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 support safety forums throughout the State and country.
2. Participate in the national SCP Working Group and National Association of Regional Councils to craft federal and state SCP policies and programs.
3. Establish an on-going program of UPWP-funded SCP activities, such as Road Safety Audits and Road Safety Scans for participating member agencies.
4. Integrate safety considerations into MPO planning and programming through safety specific performance goals.
5. Utilize NJDOT crash data 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 \$120,000

Program Manager: Timothy Chelius

Staffing Plan (person – days):

Timothy Chelius, Executive Director	70
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	20
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	200
VACANT, Community Safety Outreach Specialist	8
VACANT, Transportation Planner/GIS	0

Task 07/122: SOUTH JERSEY TRAFFIC SAFETY ALLIANCE

Objective:

This task provides operational, administrative, and technical support for the South Jersey Traffic Safety Alliance (SJ TSA), 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*”. TEA-21 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 \$120,000

Program Manager: Teresa Thomas

Staffing Plan (person – days):

Timothy Chelius, Executive Director	20
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	200
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	30
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	20
VACANT, Community Safety Outreach Specialist	28
VACANT, Transportation Planner/GIS	0

Task 07/123: 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 \$100,000

Program Manager: Teresa Thomas

Staffing Plan (person – days):

Timothy Chelius, Executive Director
Monica LoGuidice, Executive Secretary II
Teresa Thomas, Program Manager, SJTSA
Les Varga, Manager of Regional Planning
Michael Reeves, Special Projects Coordinator (PT)
Nancy Hammer, Office Assistant
Theresa Lappe, Transportation Planner
William Schiavi, Safety Analyst
VACANT, Community Safety Outreach Specialist
VACANT, Transportation Planner

ACTIVITY 07/130: PROJECT DEVELOPMENT AND PROGRAMMING

07/131: TRANSPORTATION IMPROVEMENT PROGRAM

Objective:

This task prepares the region's Transportation Improvement Program (TIP), which is an annually updated three-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 2007-2009 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. Identify and screen candidate projects to enter the FY 2008-2010 TIP project selection pool.
6. Negotiate with the State to develop the financial plan for the TIP in accordance with federal requirements.
7. Produce the draft FY 2008-2010TIP document from the NJDOT Access database, and obtain NJDOT report on status of FY 2006 – 2008 TIP projects.
8. Manage the TIP review process and conduct public involvement.

Funding: Estimated cost is \$80,000

Program Manager: Timothy Chelius

Staffing Plan (person – days):

Timothy Chelius, Executive Director	29
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	170
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

Task 07/132: 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 2030 Regional Transportation Plan (as required), FY 2007-2009 Transportation Improvement Program and amendments thereto, and for development of the FY 2008-2010 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: Theresa Lappe

Staffing Plan (person – days):

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	50
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

Task 07/133: 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 2007, active scoping or design projects will include:

- Mill Creek/Upper Thorofare/Middle Thorofare Bridges
- Commissioner's Pike Phases II, III, and IV, Scoping and Design
- New Bridge Road Bridge Design
- Salem-Hancock Bridge Road 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

Staffing Plan (person – days):

Timothy Chelius, Executive Director	30
Monica LoGuidice, Executive Secretary II	20
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

ACTIVITY 07/140: PROGRAM ADMINISTRATION

Task 07/141: 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.
6. Continue efforts to fill staff vacancies.

Funding: Estimated cost is \$90,000 (plus additional from 06/201: SJTA Financial and Administrative Services).

Program Manager: Monica LoGuidice

Staffing Plan (person – days):

Timothy Chelius, Executive Director	20
Monica LoGuidice, Executive Secretary II	65
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	10
Nancy Hammer, Office Assistant	129
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

Task 07/142: 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 \$75,000

Program Manager: Monica LoGuidice (Policy Board); Theresa Lappe (TAC)

Staffing Plan (person – days):

Timothy Chelius, Executive Director	10
Monica LoGuidice, Executive Secretary II	85
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	0
Nancy Hammer, Office Assistant	62
Theresa Lappe, Transportation Planner	30
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

Task 07/143: 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 2008 work programs for the subregions and technical studies.
2. Develop the FY 2008 Central Staff work program in coordination with member agencies, including special consideration at TAC and/or special meetings.
3. Compile the FY 2008 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

Staffing Plan (person – days):

Timothy Chelius, Executive Director	10
Monica LoGuidice, Executive Secretary II	20
Teresa Thomas, Program Manager, SJTSA	0
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	20
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

Task 07/144: 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 07/201.

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.

Funding: Estimated cost is \$53,261 (plus additional from 07/201: SJTA Financial and Administrative Services).

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

Staffing Plan (person – days):

Timothy Chelius, Executive Director	30
Monica LoGuidice, Executive Secretary II	20
Teresa Thomas, Program Manager, SJTSA	10
Les Varga, Manager of Regional Planning	0
Michael Reeves, Special Projects Coordinator (PT)	30
Nancy Hammer, Office Assistant	4
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	30
VACANT, Community Safety Outreach Specialist	0
VACANT, Transportation Planner/GIS	0

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2007 UNIFIED PLANNING WORK PROGRAM**

**TABLE 1
CENTRAL STAFF WORK PROGRAM**

2/14/06

Summary of Costs by Task

07/110:	Regional Transportation Planning	
	07/111: 2030 Regional Transportation Plan	\$65,000
	07/112: Statewide, System, Corridor, and Area Planning	\$45,000
	07/113: Current Regional Issues	\$40,000
	07/114: Geographic Information System	\$50,000
	07/115: Congestion Management System	\$20,000
	07/116: Model Application and Enhancement	\$20,000
	07/117: Public Involvement	\$30,000
07/120:	Safety	
	07/121: Safety Conscious Planning	\$120,000
	07/122: South Jersey Traffic Safety Alliance	\$120,000
	07/123: Community Safety Outreach	\$100,000
07/130:	Project Development and Programming	
	07/131: Transportation Improvement Program	\$80,000
	07/132: Air Quality Planning	\$20,000
	07/133: Local Project Scoping and Design	\$20,000
07/140:	Program Management	
	07/141: Administration and Internal Management	\$90,000
	07/142: Board and Technical Advisory Committee Support	\$75,000
	07/143: Unified Planning Work Program	\$20,000
	07/144: Subregional and Technical Program Management	\$53,261
TOTAL		\$968,261

* 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 07/201: South Jersey Transportation Authority Financial and Administrative Services is not included.

TRANSPORTATION AGENCY SUPPORTIVE WORK PROGRAMS

Task 07/201: **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 07/202: 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 new planning, management system, and conformity regulations and requirements for substantial public involvement. NJ TRANSIT will 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: \$3,000

SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

07/301: ATLANTIC COUNTY FY 2007 SUBREGIONAL TRANSPORTATION 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:

Submit quarterly progress and final completion reports of the FY 2007 STP Program to SJTPO (including status of local lead projects).

Maintain time sheets (by staff and task) of staff time under the subregional program.

Prepare a FY 2008 STP Work Program and submit to SJTPO.

Products:

- Quarterly Progress Reports.
- Final Reports.
- FY 2008 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

II. TRANSPORTATION FACILITIES/DATA FILE

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

Activities:

1. **Speed Trailer:** Note in quarterly report the total number of times use was made of the speed trailer supplied by SJTPO for speed checks and traffic counting.
2. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under the Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
3. **Population Projections:** Review, comment and assist in the development of SJTPO population/employment projections and, as needed, develop and provide demographic projections to SJTPO.

4. **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).
5. **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 counting program, NJDOT permanent counting station data, and SJTA data on the A.C. Expressway traffic, as well as NJT and Atlantic City International Airport passenger data.
6. **County Transportation Plan Element Update:** 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.
7. **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 from the various State Management System prepared by NJDOT.
8. **SJTPO Safety Management System:** 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.

Products:

- County's population projections
- Summary of Speed Trailer use
- Traffic counts and airport and bus transit passenger counts
- Information requested by SJTPO relating to the development of RTP and the SJTPO Safety Management System.

Due Date: Submit products with the STP Quarterly or Final Reports at the latest.

Funding: \$ 22,000

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).
2. **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.

3. **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 local lead project status report with each STP Quarterly Report.
4. **CTP**: 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.
5. **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.
7. **Transportation Development Districts (TDD)**: Atlantic County continues to administer three TDDs. In addition, the DRPED will continue to review improvement programs and prioritize projects in each of these Districts.
8. **Transportation System Management**: 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 SJTPO 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 latest. County Local Lead Status Report- include with each STP Quarterly Report. Other Products- with appropriate STP Quarterly or Final Report.

Funding: **\$ 12,000**

IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION

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

Activities:

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

Product: Summary (meeting and date) of meetings attended.

Funding: \$ 12,000

V. SUPPORTIVE STUDY - FEASIBILITY STUDY FOR THE EXPANSION OF RAIL FREIGHT SERVICE IN ATLANTIC COUNTY

Atlantic County proposes a feasibility study, to be prepared by a consultant, for the expansion of Rail Freight services within the County to provide for additional capacity on the existing rail facilities, expansion of rail freight as a method to reduce truck traffic and the opportunity to diversify the County's economic base.

Activities:

1. Identify existing service, facilities and infrastructure, and existing freight customers.
2. Identify potential rail freight customers.
3. Identify potential locations for public rail freight sidings.
4. Explore the potential for reverse freight movements out of the County.
5. Explore the need for additional capacity through mainline improvements, additional sidings, and additional rail spurs.

Products:

- Overview of existing conditions and facilities.
- Analysis of potential rail freight customers.
- Location of potential rail freight facilities such as public sidings.
- Recommendations for development.

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

Funding: \$ 55,000 (Consultant - \$44,000, County in-kind match - \$11,000)

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 8,000
II. Transportation Facilities	\$ 22,000
III. TIP	\$ 12,000
IV. Inter Coordination	\$ 12,000
V. Supportive Studies	\$ 55,000
<hr/>	
TOTAL	\$109,000
Federal Share (80%)	\$ 87,200
County Match (20%)	\$ 21,800

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Joseph Maher	Director	10
John Peterson	Deputy Director (PD)	60
Brian Walter	Principal Planner	10
Robert Lindaw	Supervising Planner	10
Barry Hackett	GIS Director	10
Matt Duffy	GIS Specialist	28
Scott Dalton	GIS Specialist	10
Melanie Ruff	GIS Specialist	10
Sarah Taylor	GIS Specialist	10
Everest John	Assistant Planner	58
Jim Menge	Engineering Aid	20
Greg Seher	AA Analyst	10

**07/302: CAPE MAY COUNTY FY 2007 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.

Activities:

1. Submit quarterly progress and final completion reports of the FY 2007 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 2008 STP Work Program and submit it to SJTPO.

Products:

- Quarterly Progress Reports
- Final Report
- FY 2008 Subregional Work Program

Due Dates:

- Quarterly Reports and Final Report - 10 days after the close of the Quarter
- Subregional 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. **Speed Trailer** Note in the quarterly report the total number of times use was made of the speed trailer supplied by SJTPO for speed checks and traffic counting.
2. **Traffic Counts** – 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.
3. **Population Projections** - Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
4. **Data File** - Maintain transportation data files, including accident data and traffic counts compiled from various sources.

5. **Data Dissemination** - 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. **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.
7. **SJTPO Safety Management System** - 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 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

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. **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. **Study & Development/Other** - Screen, evaluate and propose Study & Development projects and technical studies candidates.
4. **SIP** - 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

Due Dates:

- County Local Lead and Study and Development list- as specified by SJTPO.
- County Local Lead Status Report - include 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. **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.
3. **Public Participation** - Emphasize and encourage public involvement in the transportation planning process.

Product: Summary (brief description of meeting & date) of meetings attended.

Funding: \$10,000

V. SUPPORTIVE STUDIES

Objective: Sunset Boulevard (County Road Number 606) connects the City of Cape May, the second most popular tourist destination in the State, with the Borough of Cape May Point and the Cape May Point State Park. Because of its strategic location, this two mile section of roadway is very popular with bicyclists and pedestrians. Using funds from Task Five of this grant, **a consultant will be hired** to investigate the level of use of this corridor, it's suitability for this use, alternative corridors, and actions necessary to upgrade this or alternative corridors to meet the current and projected demand.

Activities:

1. Bicycle and pedestrian survey of the corridor.
2. An analysis of the corridor's capabilities.
3. An analysis of alternate corridors.
4. Recommendations.

Product: A study of the bicycle and pedestrian corridor between Cape May City and Cape May Point State Park with appropriate recommendations for alterations and/or improvements.

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

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
James Smith	Director	56
Martin Teller	Principal Planner	19
Brigitte Sherman	Principal Planning Aide	14
Brian O'Connor	Senior Planning Aide	10
John Vona	Planning Aide	5
Charles Wieland	Traffic Enumerator	76
Lucille Desimone	Administrative Secretary	5

**07/303: CUMBERLAND COUNTY FY 2007 SUBREGIONAL
TRANSPORTATION 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 administration of the program.

Activities:

1. Submit quarterly progress and final completion reports of the FY 2007 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 2008 STP Work Program and submit it to SJTPO.

Products:

- Quarterly Progress Reports
- Final Report
- FY-2008 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:

1. **Speed Trailer:** Note in the quarterly report the total number of times speed trailer use was made of the speed trailer supplied by SJTPO for speed checks and traffic counting.
2. **Traffic Counts:** 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.
3. **Population Projections:** Review and comment on SJTPO population projections, and as needed, develop and provide population projections to SJTPO.
4. **Data File:** Maintain transportation data files, including accident data and traffic counts compiled from various sources.
5. **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.

6. **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.
7. **SJTPO Safety Management System -** 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. **Bikeway Planning:** 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:

- Traffic counts data
- County population projections
- Any information as needed and requested by SJTPO relating to development of the RTP and SJTPO Safety Management System.

Due Date: To be submitted with the quarterly 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.
2. **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. **Study & Development/Other:** Screen, evaluate and propose Study & Development projects and Technical Studies candidates.
4. **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: as specified by SJTPO
- County Local Lead Status Report: included with the quarterly STP Report

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:

1. **SJTPO Meetings:** attend regular meetings of the TAC, and (as needed) Policy Board and any other SJTPO subcommittees.
2. **Other Meetings/Studies:** Attend other transportation-related meetings, as appropriate.
3. **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. SUPPORTIVE ACTIVITIES

Objective: To identify streets and roads in Cumberland County that should be specified for truck traffic or off limits to truck traffic.

Activities:

1. Hire a special consultant to identify county streets and roads that should be off limits to truck traffic headed to and from commercial and industrial sites in the County.

Product: A written report on establishing truck routes throughout Cumberland County.

Funding: \$50,000

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 7,500
II. Transportation Facilities/Data File	\$17,000
III. Transportation Improvement Program	\$ 7,000
IV. Interagency Coordination/Public Participation	\$ 9,000
V. Supportive Activities	\$50,000
<hr/>	
TOTAL	\$90,500
Federal Share	\$72,400
County Match	\$18,100

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Brewer	Director	17
Gleissner	Senior Planner	50
Mollick	Assistant Senior Planner	10
Buono	GIS Specialist	5
Browne	Graphics specialist	5
James	Administrative Secretary	5

07/304:

**SALEM COUNTY FY2007 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 FY2007 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 FY2008 STP Work Program and submit it to SJTPO.

Products:

Quarterly Progress Reports
Final Report
FY2008 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: \$4,000

II. TRANSPORTATION FACILITIES/DATA FILE

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

Activities:

1. **Traffic Counts** – 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. **Speed Trailer** – Note in quarterly report the total number of times use was made of the speed trailer supplied by SJTPO for speed checks and traffic counting.
3. **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.
4. **SJTPO Safety Management System** – 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.

5. **Population Projections** - 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.
6. **Review/Update Accident and Traffic Volume Data** - Identify problem areas along the County road network.

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: \$17,000

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. **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.
3. **Study & Development/Other** - Screen, evaluate and propose Study & Development Projects and technical studies candidates.
4. **SIP** - Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Products:

- County TIP pool candidates
- County Local Lead Status Report

Due Dates:

- Local Lead - as specified by SJTPO
- County Local Lead Status Report - include with each STP Quarterly Report

Funding: \$7,000

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: \$9,000

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 4,000
II. Transportation Facilities/Data File	\$17,000
III. Transportation Improvement Program	\$ 7,000
IV. Interagency Coordination/Public Participation	\$ 9,000
<hr/>	
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	21
Ron Rukenstein	County Planning Director	25
Charles Munyon	Principal Planner	*

* As needed to assist SJTPO in its Safety Management Program (Task II-4). \$10,000 has been allocated in Task II for this assistance work.

TECHNICAL PROGRAM

Task 07/401: FY 2007 ROAD SAFETY AUDITS AND PROJECT DEVELOPMENT

Background: In cooperation with the South Jersey Traffic Safety Alliance, NJDOT, FHWA, and local officials, SJTPO will conduct Road Safety Audits for selected highway segments throughout the region. Road segments will be selected on the basis of nominations from the South Jersey Traffic Safety Alliance, and crash data analysis conducted by SJTPO and NJDOT

A Road Safety Audit (RSA) is the formal examination of an existing or future road or traffic project by an independent team of trained specialists. Here, these specialists could include representatives of the local jurisdiction (County or municipality) NJDOT, FHWA, the National Highway Traffic Safety Administration, law enforcement, and others.

The main objective of an RSA is to address the safe operation of a roadway and ensure a high level of safety for all road users. The RSA will assess the crash potential and safety performance of a roadway and prepare a report that identifies potential safety problems and countermeasures to existing problems. RSA's will also serve as a basis for programming near- and long-term improvements.

A new element of the Road Safety Audit Program will be consultant assistance in preparing the necessary information in order to obtain federal authorization of the quick – turnaround safety improvements within the prescribed six months.

Funding: \$150,000

Project Manager: Timothy Chelius

Task 07/402: FY 2007 AIR QUALITY EMISSIONS MODELING

Background: With the availability of the South Jersey Travel Demand Model (SJTDM), SJTPO is responsible for taking the lead in emissions modeling work previously provided through NJDOT. 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 2008-2010 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 in-house performance of these tasks, as well as operation of the SJTDM, the Post Processor for Air Quality (PPAQ), and MOBILE.

Funding: \$50,000

Project Manager: Theresa Lappe

Task 07/403: WESTERN ATLANTIC COUNTY ROAD SAFETY SCAN, PHASE II

Background: A significant portion of highway motor vehicle (MV) crashes in New Jersey occur on rural and exurban roadways. In light of a recent upswing in MV crashes in the western portion of Atlantic County, a scan will be conducted for selected Atlantic County Roads to identify quick improvements generally limited to basic signage, striping, lighting, and the like. This scan, or overview, will cover far more roadway mileage than would a typical Road Safety Audit (see Task 07/401), but will not delve deeply into improvement analysis or justification.

Funding: \$50,000

Project Manager: William Schiavi

Task 07/404: FY2007 SEAT BELT USE SURVEY

Background: ISTEA and TEA-21 called for a renewed emphasis on safety in the metropolitan planning process, and also established 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. This FY 2007 effort will extend the work conducted in FY 2006.

Funding: \$50,000

Project Manager: Teresa Thomas

Task 07/405: FY 2007 TRAVEL DEMAND MODEL IMPROVEMENTS

Background: 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. Major improvements to the SJ Travel Demand Model will be conducted during FY 2007 and 2008. The first phase will involve a comprehensive traffic counting program during the first half of FY 2007, followed by model improvement tasks in FY 2007 and 2008 as determined through work being sponsored by NJDOT in FY 2006.

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 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: \$250,000

Project Manager: Timothy Chelius

Task 07/406: SAFETY MANAGEMENT SYSTEM DEVELOPMENT

Background: A key goal of SJTPO is to incorporate safety into its planning and programming. The Development of SJTPO’s Safety Management System will create a formalized mechanism for SJTPO to identify high – priority safety needs and advance eligible projects to implementation. Significant SJTPO and SJTA staff involvement and contributions are anticipated as part of this effort. Initial GIS work will commence in FY 2007, with system development and need prioritization taking place in FY 2008.

Objectives of this project include:

- 1) Developing a Geographic Information System for the analysis of multimodal crash data. This may include creating crash data tables to be used for ArcView mapping. These tables will include location data that is compatible with ArcView Mapping features.
- 2) Creating a database with GIS functionality and shape files for all road segments, with special emphasis on rural two-lane local roads
- 2) Establishing safety-related performance measures;
- 3) Assessing current and projected future safety needs;
- 4) Generating safety scores and rankings for County and local road segments and intersections
- 5) Identifying safety strategies and improvements and evaluating their cost and benefits

Funding: \$200,000

Project Manager: William Schiavi

Task 07/407: SCENARIO PLANNING

Background: The technique of Scenario Planning is an effective way to analyze the implications of transportation and land use choices before they are made. Exploring these redefined alternatives analyses can lead to a consideration of elements that may not have been discovered until construction is underway. The result is a project that receives wider public acceptance by considering various benefits, costs, and returns on infrastructure investment. SJTPO will begin a Scenario Planning effort as a framework for the FY2008 Regional Transportation Plan update. While this work is underway, coordination with the South Jersey Travel Demand Modeling improvement project will take place regularly to ensure a continuing effort as the major body of work for Scenario Planning will rely on a full scale update of the SJTDML. A combination of staff effort and consultant assistance will be used for Task 07/407.

Funding: \$90,000

Project Manager: Les Varga

Task 07/408: SJTPO GIS DEVELOPMENT

Background: The SJTA Department of Policy and Planning will assist SJTPO through the development of various GIS products. Primary among these will be products supporting the SJTPO Regional Safety Priorities Project; preparing the SJTPO base map and related attribute data; creating and refining a highway information data base; and utilizing geoprocessing features to visually manipulate NJDOT and SJTPO data

Funding: \$40,000

Task 07/409 SJTPO Regional Human Service Transportation Plan Development

Background:

FTA and NJ Transit is requiring that a Human Service Transportation Plan be completed in FY 2007 as a condition for the approval of future JARC and other program applications and, in compliance with the Federal “United We Ride” initiative, the scope of this plan will be much more comprehensive than similar plans completed previously (e.g., the 2002 JARC Plan Update). Its purpose will be to involve and coordinate the many public and private agencies that provide transportation services under various funding sources and to develop an efficient, cost effective means of providing needed service. This planning requirement applies not only to JARC, but to any program (e.g. 5310, New Freedom) that provides funding for transportation services for persons of low income, the disabled, senior citizens, and welfare-to-work clients. Plan preparation will require active involvement of public, private and non-profit transportation and human service providers.

The Plan will be used to guide -

- counties and other transportation providers in their human service transportation planning efforts
- potential human service transportation funding program applicants in the development of their applications
- NJ Transit, NJ Department of Human Services, SJTPO and other agencies in their evaluation and ranking of JARC and other funding program applications

Funding: \$80,000

Project Manager: Michael Reeves

Task 07/410: Cape May County Hurricane Evacuation and Elevation Study Extension

Background: A December, 2005 study conducted by the New Jersey Institute of Technology on behalf of the NJDOT Bureau of Research examined evacuation times for southern Cape May County under varying population, behavioral response, hurricane levels, and Route 47/347 reversal lane options. The study concluded that the current NJ State Police reversal plan is ineffective and needs to be revised as the bottleneck during evacuation would exist south of NJ Route 83, the initiation point of the reversal plan.

This new Task 07/410 would enable NJIT to conduct additional GPS surveys and inundation analysis of more roadways in Cape May County and additional scenarios of traffic simulation analysis to better estimate the evacuation times for the study area under the threat of a hurricane strike. This would provide a more complete picture of traffic conditions and serve as the basis for further evacuation plan development and testing.

Funding: \$20,000

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

**07/501: NEW JERSEY DEPARTMENT OF TRANSPORTATION
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

**If you have any questions or would like a hard copy of
New Jersey Department of Transportation
State Planning and Research Management Systems
Work Program
Please Call: James B. Lewis, Manager
609-530-2884**

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

**07/502: NEW JERSEY TURNPIKE AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

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

07/503: DELAWARE RIVER AND BAY AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

DRBA is planning a Facilities Master plan for both the Delaware Memorial Bridge (DMB) and the Cape May-Lewes Ferry (CMLF). The Authority will contract for the development of a facilities master plan that will be used to develop a comprehensive strategy to improve, enhance, maintain, and optimize DMB and CMLF facilities and operations as appropriate.

07/504: SOUTH JERSEY TRANSPORTATION AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

SJTA is gathering data to expand the Authority's annual Atlantic City visitor estimates to cover the entire South Jersey region. The Authority is also looking at a regional traffic counting program to provide more data for the South Jersey model and regional planning studies.

FINANCIAL INFORMATION

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION FY 2007 UNIFIED PLANNING WORK PROGRAM

TABLE 2 - REVISED
FUNDING OVERVIEW
1/5/07

Central Staff Work Program	\$906,261
Agency Supportive Work Programs	
SJTA Support Work Program	\$ 50,000
NJ Transit Support	<u>\$ 3,000</u>
Sub Total	\$ 53,000
Subregional Work Programs	
Atlantic County	\$ 109,000
Cape May County	\$ 60,000
Cumberland County	\$ 90,500
<u>Salem County</u>	<u>\$ 37,000</u>
Sub Total	\$ 296,500
Technical Program	
FY 2007 Road Safety Audits and PD	\$150,000
FY 2007 Air Quality Emissions Modeling	\$ 50,000
Western Atlantic County Rural Road Safety Scan, Ph II	\$ 50,000
FY 2007 Seat Belt Use Survey	\$ 50,000
FY 2007 Travel Demand Model Improvements	\$170,000
Safety Management System Development	\$200,000
RTP Scenario Planning	\$ 90,000
SJTPO GIS Development	\$ 40,000
Regional Human Service Transportation Plan	\$ 80,000
Cape May County Hurricane Evacuation and Elevation Study Ext.	\$ 20,000
FY 2007 Off-Season Traffic Count Program	\$ 42,000
Sub Total	<u>\$942,000</u>
Grand Total	\$2,197,761

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

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2007 UNIFIED PLANNING WORK PROGRAM**

**TABLE 3
PROGRAMMED RESOURCES**

2/14/06

FHWA FY 06 PL Allocation	\$886,956
Portion of Original FHWA FY 05 PL Allocation Not Put Under Agreement	\$111,871
<u>FHWA FY 05 Additional Allocation</u>	<u>\$363,122</u>
TOTAL AVAILABLE FHWA PL	\$1,361,949
FTA FY 06 PL Allocation	\$411,263
FTA FY 05 Unprogrammed Funds	\$ 2,521
FTA FY 05 100% Grant Balance (NJ80X02500)	\$ 76,656
FTA FY 05 80% Grant Balance (NJ80X02600)	\$ 15,222
FTA FY 04 100% Grant Balance (NJ80X02300)	\$ 21,659
<u>FTA FY 04 80% Grant Balance (NJ80X02400)</u>	<u>\$ 11,991</u>
TOTAL AVAILABLE FTA PL	\$ 539,312
FHWA FY 06 Surface Transportation Program Funds	<u>\$ 237,200</u>
Total Federal Resources for FY 07 UPWP	\$2,138,461
Local Match (see Note)	<u>\$ 59,300</u>
GRAND TOTAL	\$2,197,761

NOTE: Local Match supports Subregional Planning Program activities.

TABLE 4 – FUNDING SOURCE SUMMARY

TABLE 5 – CENTRAL STAFF BUDGET

TABLE 6 – ESTIMATED TASK COSTS

TABLE 7 – FEDERAL PARTICIPATION BY TASK