

SOUTH

JERSEY

TRANSPORTATION

PLANNING

ORGANIZATION

UNIFIED

PLANNING

WORK

PROGRAM

FISCAL YEAR 2006

**SOUTH JERSEY**

**TRANSPORTATION PLANNING**

**ORGANIZATION**

**FY 2006**

**UNIFIED PLANNING WORK PROGRAM**

FINAL

MARCH 21, 2005

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# **SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION**

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NJ Department of Transportation

**JAMES A. CRAWFORD**  
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South Jersey Transportation Authority

**RICHARD ROBERTS**  
Chief Planner, Capital Planning  
NJ Transit

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# **SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION**

## **FY 2006 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

Michael Reeves, P.P., AICP, Special Projects Coordinator (PT): Subregional Program, freight planning

Enoch C. Egbosimbah, Jr., Transportation Planner: Title VI, Geographic Information Systems, CMS

Nancy Hammer, Office Assistant: General office duties

William Schiavi, Safety Analyst: Safety Conscious Planning

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

VACANT, Manager of Regional Planning: Regional Transportation Plan, corridor and sub-area planning, census, ped/bike planning

VACANT, Community Safety Outreach Specialist: Community safety outreach

## **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 requires 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 brought 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.

This FY 2006 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, 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 2006 PLANNING PRIORITIES**

Advancing the integration of safety considerations into regional planning will be a major priority in FY 2006. Long a top SJTPO priority, safety has been emphasized by the Federal Highway Administration and Federal Transit Administration as a primary concern. 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 region-wide priorities. 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** (\$928,714) - 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 leadership



role in integrating safety into the planning process. Finally, Central Staff will prepare the FY 2007 UPWP and will provide all general support needed for SJTPO operations. Efforts to fill vacant staff positions will continue.

**Transportation Agency Supportive Work Programs** (\$33,000) - 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** (\$251,000) - 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 (\$84,000) - will conduct a Stockton State College area access management plan.
- Cape May County (\$45,000) - will update the County Bicycle Study of 2002).
- Cumberland County (\$77,000) – will conduct a County arterial highway system plan
- Salem County (\$45,000) - will update the County Transportation Action Plan and produce a transportation newsletter

**Technical Programs** (\$335, 000) - To supplement the various agency work programs described above, SJTPO will support technical studies and projects performed by consultants, as follows:

- 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 would also 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.
- Air Quality Analysis Assistance (\$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.
- SJTPO Demographic Forecasts (\$40,000) – Consultant assistance will be used to develop population and employment forecasts for the SJTPO region, to be used as a key input into the 2007 RTP Update.
- Western Atlantic County Rural Road Safety Scan (\$50,000) – In light of a high number of recent crashes including fatalities, in western Atlantic County, consultant assistance will be used to identify quick, low-cost improvements on up to 200 miles of county roads.

- Seat Belt Use Survey (\$45,000) – 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.

### **FUNDS PROGRAMMED**

A total of \$1,547,714 is programmed for use within this document. This is detailed in the "Financial Information" section and includes \$1,497,514 in federal funds, plus \$50,200 in associated local matching funds.

### **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

## **Task 06/111: 2030 REGIONAL TRANSPORTATION PLAN (STAFF)**

### **Objective:**

One of the principal requirements of the Intermodal Surface Transportation Efficiency Act (ISTEA) 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 2007, and enable plan outreach and refinement to continue.

### **Activities and Products:**

1. Coordinate the compilation and inclusion of SJTPO study products (i.e., Technical Studies and other products completed to implement the RTP) into the RTP update planning process.
2. Utilize the Task 2 (Performance Measure) products of the NJDOT Living Plan work – due March 31, 2005 – as the basis for SJTPO's Regional Performance Measures.
3. Utilize the Task 5 (Reporting System) Product of the Living Plan – due July 29, 2005 – for SJTPO system performance evaluation.
4. Use of the NJDOT Transportation Management Integration Initiative target data set to shape regional priorities (data set scheduled to be available January 2006).
5. Coordinate public participation activities specific to the RTP update.

**Funding:** Estimated cost is \$40,000

**Program Manager:** VACANT

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	8
Monica LoGuidice, Executive Secretary II	11
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	20
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	65
Community Safety Outreach Specialist, VACANT	0

**Task 06/112: 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. The effects of the 1-hour standard for ozone being reinstated for Atlantic and Cape May Counties.
  - b. Implementation of the 8-hour ozone and fine particulate standards.
  - c. 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 FY 2006-2008 Transportation Improvement Program and amendments thereto, and for development of the FY 2007-2009 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 conformity documents.

**Funding:** Estimated cost is \$30,000

**Program Manager:** Theresa Lappe

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	24
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	9
Theresa Lappe, Transportation Planner	45
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	0

## **Task 06/113: 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 A1D05 - Transportation Planning Needs and Requirements for Small and Medium Sized Communities.
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 \$30,000

**Program Manager:** VACANT

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	9
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	5
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	30
Manager of Regional Planning, VACANT	34
Community Safety Outreach Specialist, VACANT	0

**Task 06/114: ROUTE 55 - SHORE CONNECTION**

**Objective:**

During 1997-98 SJTPO formed and supported the Shore Connection Committee (SCC) to develop consensus on solutions to relieve congestion in the corridor between Route 55 and shore destinations, and advise the SJTPO Policy Board on local priorities. NJDOT consultants and staff also supported the Committee. The result was a report setting out an incremental improvement program in conceptual form. This task will continue work to implement the report's recommendations.

**Activities and Products:**

1. Work with NJDOT and consultants to advance the top Shore Connection Committee recommended capital improvements--five intersections in Cape May and Cumberland Counties--through the Study and Development pipeline.
2. Work with NJDOT, Cape May County, and Cumberland County on concept development deliverables for selected Shore Connection improvements from SCC report and 2025 RTP.

**Funding:** Estimated cost is \$10,000

**Program Manager:** Timothy Chelius

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	15
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	10
Community Safety Outreach Specialist, VACANT	0

**Task 06/115: 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 on matters affecting both the Philadelphia and South 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 the reauthorization of TEA-21.

**Funding:** Estimated cost is \$30,000

**Program Manager:** VACANT

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	3
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	20
Enoch Egbosimbah, Transportation Planner	20
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	15
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	20
Community Safety Outreach Specialist, VACANT	0

## **Task 06/116: 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](http://www.sjtsa.org), and produce and distribute quarterly newsletter.

**Funding:** Estimated cost is \$160,000

**Program Manager:** Teresa Thomas

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	13
Monica LoGuidice, Executive Secretary II	20
Teresa Thomas, Program Manager, SJTSA	160
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	64
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	100
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	60



## **Task 06/117: SAFETY CONSCIOUS PLANNING (SCP)**

### **Objective:**

Safety Conscious Planning (SCP) is a proactive approach aimed at preventing accidents 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, i.e., 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 2006, SJTPO will continue to advance SCP as a key feature of the implementation of the Year 2025 Regional Transportation Plan.

### **Activities and Products:**

1. Work with Rutgers University, NJDOT, FHWA, and the National Highway & Traffic Safety Administration to continue SCP forums throughout the State.
2. Participate in the national SCP Working Group 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 for participating counties
4. Integrate safety considerations into MPO planning and programming through establishment of 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, and other stakeholders.

**Funding:** Estimated cost is \$130,000

**Program Manager:** Timothy Chelius

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	34
Monica LoGuidice, Executive Secretary II	40
Teresa Thomas, Program Manager, SJTSA	60
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	10
Nancy Hammer, Office Assistant	35
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	80
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	80

## **Task 06/118: 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 \$55,000

**Program Manager:** Teresa Thomas

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	
Monica LoGuidice, Executive Secretary II	3
Teresa Thomas, Program Manager, SJTSA	20
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	120

**06/121:        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 2006-2008 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.
5. 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.
6. Identify and screen candidate projects to enter the FY 2007-2009 TIP project selection pool.
7. Negotiate with the State to develop the financial plan for the TIP in accordance with federal requirements.
8. Produce the draft FY 2007-2009 TIP document from the NJDOT Access database, and obtain NJDOT report on status of FY 2005 – 2007 TIP projects..
9. Manage the TIP review process and conduct public involvement.

**Funding:**        Estimated cost is \$100,000

**Program Manager:** Theresa Lappe

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	40
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	20
Theresa Lappe, Transportation Planner	200
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0

## **Task 06/131: 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 obtaining and using 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, and the SJTPO counties.
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 \$40,000

**Program Manager:** VACANT

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	4
Monica LoGuidice, Executive Secretary II	0
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	100
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	0

## **Task 06/132: 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	2
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	50
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	0

**Task 06/133: 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 \$10,000

**Program Manager:** VACANT

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	0
Monica LoGuidice, Executive Secretary II	2
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	25
Community Safety Outreach Specialist, VACANT	0

**Task 06/141: 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 \$50,000 (plus additional from 06/201: SJTA Financial and Administrative Services).

**Program Manager:** Monica LoGuidice

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	40
Monica LoGuidice, Executive Secretary II	53
Teresa Thomas, Program Manager, SJTSA	3
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	32
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	3
Community Safety Outreach Specialist, VACANT	0

## **Task 06/142: 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 essential forum for cooperative transportation decision-making and supports all other tasks in the work program.

### **Activities and Products:**

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

**Funding:** Estimated cost is \$60,000

**Program Manager:** Monica LoGuidice

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	25
Monica LoGuidice, Executive Secretary II	72
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	30
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	20
Manager of Regional Planning, VACANT	10
Community Safety Outreach Specialist, VACANT	0



## **Task 06/143: 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](http://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. Support 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 – VACANT

Citizen Involvement – Timothy Chelius

Title VI – Enoch Egbosimbah

**Staffing Plan (person – days):**

Timothy Chelius, Executive Director	5
Monica LoGuidice, Executive Secretary II	6
Teresa Thomas, Program Manager, SJTSA	17
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	40
Nancy Hammer, Office Assistant	10
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	0
Community Safety Outreach Specialist, VACANT	0

**Task 06/144: 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 2007 work programs for the subregions and technical studies.
2. Develop the FY 2007 Central Staff work program in coordination with member agencies, including special consideration at TAC and/or special meetings.
3. Compile the FY 2007 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	5
Monica LoGuidice, Executive Secretary II	31
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	0
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	10
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	6
Community Safety Outreach Specialist, VACANT	0

## **Task 06/145: 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 06/201.

### **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 \$70,000 (plus additional from 06/201: SJTA Financial and Administrative Services).

**Project Managers:** Subregional Program – Michael Reeves  
Technical Program - VACANT

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	10
Monica LoGuidice, Executive Secretary II	5
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	40
Enoch Egbosimbah, Transportation Planner	40
Nancy Hammer, Office Assistant	25
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	30
Manager of Regional Planning, VACANT	32
Community Safety Outreach Specialist, VACANT	0

## **Task 06/146: LOCAL SCOPING AND DESIGN PROGRAM**

### **Objective:**

Since 1995, SJTPO Central Staff 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.

For FY 2006, active scoping or design projects will include:

- Mill Creek/Upper Thorofare/Middle Thorofare Bridges
- Commissioner's Pike
- Buckshutem Road Bridge 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 \$43,714

**Program Manager:** Timothy Chelius

### **Staffing Plan (person – days):**

Timothy Chelius, Executive Director	25
Monica LoGuidice, Executive Secretary II	15
Teresa Thomas, Program Manager, SJTSA	0
Michael Reeves, Special Projects Coordinator (PT)	20
Enoch Egbosimbah, Transportation Planner	0
Nancy Hammer, Office Assistant	0
Theresa Lappe, Transportation Planner	0
William Schiavi, Safety Analyst	0
Manager of Regional Planning, VACANT	55
Community Safety Outreach Specialist, VACANT	0

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION  
FY 2006 UNIFIED PLANNING WORK PROGRAM**

**TABLE 1  
CENTRAL STAFF WORK PROGRAM**

2/24/05

**Summary of Costs by Task**

<b>06/110:</b>	<b>Transportation Planning</b>	
	06/111: 2025 Regional Transportation Plan	\$ 40,000
	06/112: Air Quality Planning	\$ 30,000
	06/113: Statewide, System, Corridor, and Area Planning	\$ 30,000
	06/114: Route 55 - Shore Connection	\$ 10,000
	06/115: Current Regional Issues	\$ 30,000
	06/116: South Jersey Traffic Safety Alliance	\$160,000
	06/117: Safety Conscious Planning	\$130,000
	06/118: Community Safety Outreach	\$ 55,000
<b>06/120:</b>	<b>Capital Programming</b>	
	06/121: Transportation Improvement Program	\$100,000
<b>06/130:</b>	<b>Data and Analytic Tools</b>	
	06/131: Geographic Information System	\$ 40,000
	06/132: Congestion Management System	\$ 20,000
	06/133: Model Application and Enhancement	\$ 10,000
<b>06/140:</b>	<b>Program Management</b>	
	06/141: Administration and Internal Management	\$ 50,000
	06/142: Board and Technical Advisory Committee Support	\$ 60,000
	06/143: Public Involvement	\$ 30,000
	06/144: Unified Planning Work Program	\$ 20,000
	06/145: Subregional and Technical Program Management	\$ 70,000
	06/146: Local Project Scoping and Design Program	\$ 43,714
		 \$928,714

\* 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 06/201: South Jersey Transportation Authority Financial and Administrative Services is not included.

# TRANSPORTATION AGENCY SUPPORTIVE WORK PROGRAMS

**Task 06/201:**            **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, 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. Provide the required single annual audit covering the services provided for SJTPO.
6. Provide additional specialized support as requested by SJTPO.

**Funding:**        Estimated cost is \$30,000.

**Task 06/202: 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

**Task 06/301:**            ATLANTIC COUNTY FY 2006 SUBREGIONAL  
TRANSPORTATION PLANNING WORK PROGRAM

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

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## 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 FY 2006 STP Program to SJTPO (including status of local lead projects).
2. Maintain time sheets (by staff and task) of staff time under the Subregional program.
3. Prepare a FY 2007 STP Work Program and submit to SJTPO.

### **Products:**

- Quarterly Progress Reports
- Final Report
- FY 2007 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:** Maintain a log of counts taken utilizing the speed trailer (or any other use of trailer) listing dates, times, count locations, and count (if taken).
2. **SJTPO Congestion Management System (CMS)-** Participate in the operation and refinement of the SJTPO CMS, including providing any existing facility data needed for county roads to be added to the CMS network. Review/comment on current network data, network expansion needs, traffic needs, corridor definitions, strategy screening criteria, performance standards, the link to the projection selection process, and any project-level analysis in the County.

3. **State Management System-** Review and comment on information and conclusion resulting from the various State Management Systems prepared by NJDOT.
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 county program, NJDOT permanent county station data, and SJTA data on the A.C. Expressway traffic, as well as NJT passenger data and Atlantic City International Airport elimination.
6. **Population Projections-** Review and comments on SJTPO population projections and, as needed, provide population projections at the County level to SJTPO.
7. **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.

**Products:**

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

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

**Funding:** \$12,000.00

**III. TRANSPORTATION IMPROVEMENT PROGRAM**

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

**Activities**

1. **Ranking System-** Provide comments to SJTPO on the project ranking system (as needed).
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.

**Products:**

- A database program (with regular updates) tracking status of County-funded and State Aid transportation projects (distributed to County departments in the HIP program).
- County TIP pool candidates, Capital Transportation Program.
- County Local Lead Status Report.
- County input into the DJTPO Study & Development Program.
- NJDOT Quarterly Project meetings.

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

**Funding:** \$12,000.00

**IV. TRANSPORTATION PLAN MAINTENANCE**

**Corridor Access Management Plan Development**

**Objective:** Assist SJTPO in the development and update of the Regional Transportation Plan, and to provide for effective long range planning of transportation facilities and expedite short range improvements through continuous evaluation of the County’s transportation plans in light of current events and new development patterns.

**Activities**

1. **Transportation Development Districts (TDD)-** Atlantic County continues to administer three TDDs. In addition, the DRPED will continue to review the respect improvement programs and prioritize projects in each of these Districts.
2. **Rail and Transit-** Atlantic County will continue to work with the Atlantic Cape May WIB to assist as necessary with the Job Access Reverse Commute program at County level. Atlantic County will also continue to work with the various communities and NJ Transit to revise existing routes where warranted. The County will continue to participate in the on going Rail Feasibility Study with NJ Transit and the location analysis for a new rail station in Galloway Township and other rail related activities.
3. **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.
4. **Regional Plan-** The County will continue to work with SJTPO on any review or refinement of the exiting long-range regional transportation plan. This will include providing data and review of interim products as well as GIS assistance, when requested.

**Product:**

- 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.
- Revised Comprehensive Long Range Regional Plan, if required.

**Due Date:** When completed or with FY 2006 Final Report.

**Funding:** \$12,000.00

**V. SUPPORTIVE STUDIES**

**Corridor Access Management Plan Development**

**Objective:** The County in conjunction with Galloway Township and Richard Stockton College will develop an access management plan for the Stockton bounded by Pomona Road to the west, Jimmie Leeds Road to the South, Chris Guapp Drive to the east and Stockton College Drive to Pomona Road. This plan is necessary to plan for the additional traffic to be generated by construction of a new school by Galloway Township and new campus housing for Richard Stockton College. This area also continues to experience heavy residential growth as part of the Pinelands Regional Growth Area. The Long Range Regional Transportation Plan has also identified this area as substantial congestion area listed in A 2 and A 45 (Year 2025 Problem Areas).

**Activities**

**Review and analysis of the following:**

1. Existing development activities in the area.
2. Study of residential extension in Stockton College.
3. Existing and traffic forecasts for Stockton College and surrounding developments.
4. Traffic counts and forecasts

**Products:**

1. Conceptual Access Plan of the area
2. Conceptual improvement program
3. Cost estimates.

**Due Dates:**

- Submit products prepared by the consultants to SJTPO at the end of fourth quarter.
- Final report when completed or with STP Final Report.

**Funding Level:** \$ 40,000.00

## **FUNDING SUMMARY**

<b><u>Task</u></b>	<b><u>Budget</u></b>
I. PROGRAM ADMINISTRATION	\$ 8,000.00
II. TRANSPORTATION FACILITIES	\$ 12,000.00
III. TIP	\$ 12,000.00
IV. PLAN MAINTENANCE	\$ 12,000.00
V. SUPPORTIVE STUDIES	\$ 40,000.00
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<b>TOTAL</b>	<b>\$ 84,000.00</b>
Federal Share (80%)	\$ 67,200.00
County Match (20%)	\$ 16,800.00

## **STAFFING PLAN**

<b><u>Name</u></b>	<b><u>Position</u></b>	<b><u>Days</u></b>
Joseph Maher	Director	12
John Peterson	Deputy Director (PD)	75
Brian Walter	Principal Planner	12
Robert Lindaw	Supervising Planner	22
Barry Hackett	GIS Director	12
Matt Duffy	GIS Specialist	32
Scott Dalton	GIS Specialist	12
Melanie Ruff	GIS Specialist	12
Sarah Taylor	GIS Specialist	12
Everest John	Assistant Planner	66
Jim Menge	Engineering Aid	40
Bill Walsh	Intern	20

**Task 06/302:            CAPE MAY COUNTY FY2006 SUBREGIONAL  
TRANSPORTATION PLANNING WORK PROGRAM**

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

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**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 FY 2006 STP Program to SJTPO (including status of local lead projects).
2. Maintain time sheets under the Subregional Program (by staff member and task).
3. Prepare an FY 2007 STP Work Program and submit it to SJTPO.

**Products:**

- Quarterly Progress Reports (4)
- Local Lead Reports (4)
- Final Report (1)
- FY 2007 STP Work Program (1)

**Due Dates:**

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

**Funding:        \$7,000**

**II.        TRANSPORTATION FACILITIES/DATA FILE**

**Objective:** Review, update and maintain the information database needed for transportation planning activities.

**Activities**

1. **Speed Trailer** - Provide information on the use of the speed trailer.
2. **SJTPO Congestion Management System (CMS)** - Participate in the operation and refinement of the SJTPO CMS, including providing any existing facility data needed for county roads to be added to the CMS network. Review/comment on current network data, network expansion needs, traffic count needs, corridor definitions, strategy screening criteria, performance standards, the link to the projection selection process, and any project-level analysis in the County.
3. **State Management Systems** - Review and comment on information and conclusions resulting from the various State Management Systems prepared by NJDOT.
4. **Population Projections** - Review and comment on SJTPO population projections and, as needed, provide population projections at the County/municipal level to SJTPO.

5. **Data File** - Maintain transportation data files, including traffic data counts and information from a variety of sources. Submit traffic counts to SJTPO in required format where applicable.
6. **Data Dissemination** - Respond to transportation-related data requests from the general public and various public and private agencies. This includes requests for transportation-related information (e.g., accident data, traffic counts, aerial photography products, etc.).
7. **SJTPO Plan Update** – Provide information and input needed for the update of Regional Transportation Plan. Review and comment on the Plan as requested by SJTPO.
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:**

- Speed Trailer use information.
- County Population projections.
- Traffic count data, turning movement data, and other transportation related data.

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

**Funding:** \$4,500

**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. **TIP Pool** - Provide SJTPO with construction-ready road projects or other eligible (e.g., scoping) projects to be included in the SJTPO FY 2006 TIP project pool. Review and comment on ranking and prioritize projects submitted for inclusion in the pool. Provide a local lead project status report with each STP Quarterly Report. Monitor the progress of all projects and necessary TIP amendments.
3. Monitor the progress of all projects and process necessary amendments to the TIP as required.
4. **Study & Development/Other** - Screen, evaluate and propose Study & Development projects and technical studies candidates.
5. **SIP** - Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

**Products:**

- Ranked County TIP List
- County Study and Development Project List

**Due Dates:**

- County TIP List- as specified by SJTPO.
- County Study and Development List - as specified by SJTPO
- County Transportation Plan - when completed or with STP Final Report.

**Funding:** \$10,000

**IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION**

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

**Activities**

1. **SJTPO Meetings** - attend regular meetings of the Technical Advisory Committee 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 at monthly County Planning Board meetings and other public meetings.

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

**Funding:** \$9,500

**V. SUPPORTIVE STUDIES****County Bicycle Study Update**

**Objective:** In an effort to provide a more up-to-date picture of the County-wide bicycle facilities for the SJTPO Regional Plan, Cape May County plans to update the Cape May County Bicycle Study, last updated four years ago in 2002. Since that time, there have been several new facilities constructed and marked throughout the County. In addition, several municipalities have new planned bicycle projects that may be coordinated through this effort.

**Activities**

1. Update County and municipal bicycle facilities data base.
2. Compile list of all proposed County and municipal bicycle projects and examine possibilities for County/municipal cooperation and coordination for better system integration.
3. Investigate alternative route selections for linking southern County bicycle facilities with northern County bicycle facilities to create a more complete system.
4. Include the State "Cape May Point to High Point" Bicycle route in the revised study and investigate integration of existing and proposed bicycle routes with this State route.



5. Update any bicycle facility construction standards and designs.

**Product:** An updated County Bicycle Study.

**Due Date:** When completed or with FY2006 STP Final Report at the latest.

**Funding:** \$14,000

## **FUNDING SUMMARY**

<b><u>Task</u></b>	<b><u>Budget</u></b>
I. PROGRAM ADMINISTRATION	\$ 7,000
II. TRANSPORTATION FACILITIES	\$ 4,500
III. TIP	\$ 10,000
IV. INTERAGENCY COORDINATION	\$ 9,500
VI. SUPPORTIVE ACTIVITIES	\$ 14,000
<hr/>	
<b>TOTAL</b>	<b>\$ 45,000</b>
Federal Share (80%)	\$36,000
County Match (20%)	\$ 9,000

## **STAFFING PLAN**

<b><u>Name</u></b>	<b><u>Position</u></b>	<b><u>Days</u></b>
James Smith	Director	59
Martin Teller	Principal Planner	29
Brigitte Sherman	Principal Planning Aide	14
Brian O'Connor	Senior Planning Aide	16
John Vona	Planning Aide	5
John Martino	Road Inspector	3
Lucille Desimone	Administrative Secretary	8

**CUMBERLAND COUNTY DRAFT WORK PROGRAM**  
**FY 2006 SUBREGIONAL TRANSPORTATION PROGRAM**

**I. PROGRAM ADMINISTRATION**

1. Monitor progress of program and submit quarterly and annual reports.
2. Coordinate preparation of work program for FY 2007 with the NJDOT and the SJTPO.

**II. TRANSPORTATION FACILITIES/DATA FILE**

**Activities**

1. Log development review proposal information on a computerized data base, recording essential information, site plan, and easement activity, also prepare a summary bulletin of this data for future analysis.
2. Summarize on a page size County map, subdivision and site plan activity reviewed by the County in calendar 2006.
3. Continue the development of a computerized roadway features database to organize existing roadway characteristics such as lengths, lane and shoulder widths, pavement type and date of placement, marker types, speed limits, volumes, etc., from various files. Integrate this database with the County Geographic Information System.
4. Take any additional traffic counts needed by SJTPO and the Cumberland County Public Works Department.
5. Participate in the operation and refinement of the SJTPO CMS, including providing any existing facility data needed for County roads to be added to the CMS network. Also, review and comment on the current network data, network expansion needs, corridor definitions, strategy screening criteria, performance standards, the link to the project selection process, and any project level analysis in the County.
6. Review and comment on the materials and conclusions of the management systems prepared by NJDOT as needed. Work with the NJDOT and the SJTPO to follow the use of these systems and provide comment regarding system refinements as necessary.
7. Prepare maps and data of traffic accidents for Bridgeton, Millville, and Vineland Police Departments.
8. Participate & cooperate in the operation & refinement of future Intelligent Transportation Systems (ITS)

**III. TRANSPORTATION IMPROVEMENT PROGRAM**

1. Provide comment to the SJTPO regarding the project ranking system as needed.
2. Provide the SJTPO and the NJDOT with information on the transportation needs and problems in the County, focusing on, but not limited to the State road system. Identify projects to be submitted to the SJTPO and the NJDOT for consideration and inclusion in the Study and Development Program.
3. Develop a list of transportation needs focusing on, but not limited to the County road system. This list may include transit needs, intermodal connections, pedestrian and bicycle needs, etc. Information will be submitted to the SJTPO for inclusion in their data base and as input into the TIP project ranking process.

4. Review and comment on the NJDOT and the NJDEP's TIP/SIP process and conclusions as it relates to air quality conformity.
5. Prepare a capital transportation program of State Aid funded County projects. Submit the CTP to the SJTPO for inclusion in their database.
6. Work with the Cumberland County Improvement Authority to coordinate transit brokerage program.
7. Continue to work with public agencies and organizations to link transit planning with goals and objectives of the County's Traffic and Transportation Plan.
8. Update as necessary, the County's Traffic and Transportation Plan.
9. Work extensively with the SJTPO, its committees and its consultants on the implementation of the long range Transportation Plan for the four County regions.
10. Work with Cities, SJTPO, DRBA, and other officials on the various ongoing Study Projects.
11. Work with DRPA and NJT officials regarding regional and Cumberland County rail transportation implementation.
12. Continue implementation of the Cumberland County Bicycle Trail Plan and the development of routes throughout the County.

#### **IV. INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION**

13. Participate in meetings of the SJTPO Technical and Policy Board Committees. Participate in meetings of any SJTPO subcommittee, as needed.
14. Coordinate regional plans and projects with the County Transportation Plan, Air Quality Planning, and Public Transportation Plans. Assist the Citizens Advisory Committee as required. Coordinate transportation planning activities with the County Transportation provider.
15. Provide informational services and technical assistance to the SJTPO, state and local agencies and the general public. Solicit input, reaction, and direction with respect to program activities from area stakeholders.
16. Provide at least one open meeting to discuss transportation priorities with municipal officials and residents.

#### **V. SUPPORTIVE STUDIES**

##### **Action Plan for Cumberland County Transportation Systems**

A consultant will be hired to identify, study, and evaluate the Cumberland County arterial highway system. The objective will be to assess future right-of way needs, paving widths, intersection improvements, traffic signalization, drainage facilities, and other potential improvements in anticipation of increased traffic demands stemming from new residential and commercial growth. The consultant will also be asked to review the current subdivision and site plan ordinance to make recommendations about possible revisions to the traffic and transportation standards. This will include development of typical sections for two, three and four lane roads in the County system.

**Funding:**       **\$50,000**

**Product:**       A written report summarizing Cumberland County's needs for transportation related obligations for the future.

Recommendations for revisions to the Subdivision & Site Plan Ordinance.

Entering future needs findings into GIS System

## **FUNDING SUMMARY**

<b><u>Task</u></b>	<b><u>Budget</u></b>
I. PROGRAM ADMINISTRATION	\$4,000
II. TRANSPORTATION FACILITIES	\$7,000
III. TIP	\$7,000
IV. RELATED ACTIVITIES	\$9,000
V. SUPPORTIVE ACTIVITIES	\$50,000
<b>TOTAL</b>	<b>\$77,000</b>
Federal Share	\$61,600
County Match	\$15,400

## **STAFFING PLAN**

<b><u>Name</u></b>	<b><u>Position</u></b>	<b><u>Days</u></b>
Robert Brewer	Planning Director	25 Days
Karl Gleissner	Lead Transportation Planner	150 Days
Sharon Mollick	Assistant Planner	30 Days
Kimberly Brown	GIS Specialist	25 Days
DeAnne James	Clerical/Ad	

**06/304: SALEM COUNTY FY2006 SUBREGIONAL  
TRANSPORTATION PLANNING WORK PROGRAM**

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

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**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 FY2006 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 FY2007 STP Work Program and submit it to SJTPO

**Products:**

- Quarterly Progress Reports
- Final Report
- FY2007 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** - County will do traffic counts (no more than 20) along major County roads to support its County Transportation Plan and road improvement program. Counts will be submitted to SJTPO in spreadsheet and GIS mapping format.
2. **Speed Trailer** - Maintain a log of counts taken utilizing the speed trailer (or any other use of trailer) listing dates, times, count locations, and count (if taken).
3. **SJTPO Congestion Management System (CMS)** - Participate in the operation and refinement of the SJTPO CMS, including providing any existing facility data needed for county roads to be added to the CMS network. Review/comment on current network data, network expansion needs, traffic count needs, corridor definitions, strategy screening criteria, performance standards, the link to the projection selection process, and any project-level analysis in the County.
4. **State Management Systems** - Review and comment on information and conclusions resulting from the various State Management Systems prepared by NJDOT.
5. **Population Projections** - Review and comment on SJTPO and other population and other data projections. 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 counts that update the County Transportation Plan and support the County road improvement program
- Updated database (if any) supporting the SJTPO and County Plan
- Log of Speed Trailer use and summary of Year 2000 Aerial products disseminated.
- Population projections (if developed by County)

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

**Funding: \$7,000**

### **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. **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. Provide a local lead project status report with each STP quarterly report.
3. **CTP** - Prepare a Capital Transportation Program of State Aid County projects. Submit the CTP to SJTPO for its files.
4. **Study & Development/Other** - Screen, evaluate and propose Study & Development Projects and technical studies candidates.
5. **SIP** - Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

**Products:**

- County TIP pool candidates, Capital Transportation Program
- County Local Lead Status Report
- County Study & Development Proposals / County Technical Studies

**Due Dates:**

1. Local Lead - as specified by SJTPO
2. CTP - when completed or with FY2006 STP Final Report at the latest
3. County Local Lead Status Report - include with each STP Quarterly Report
4. Study & Development Proposals/Technical Studies - as needed.

**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.
2. **Other Meetings/Studies**- Attend other transportation related meetings (e.g., TIP Development Subcommittee) as appropriate.

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

**Funding:** \$9,000

#### **V. SUPPORTIVE STUDIES**

**Objective:** Update the County Transportation Action Plan.

1. Evaluate land development trends over the last five years and determine their impact on the County Transportation System.
2. Develop and/or re-examine positions on certain transportation issues and policies.
3. Analyze all County Road classifications and determine any necessary changes in status and/or right-of-way.
4. Analyze Planning Area and Center Designations under the New Jersey Development and Redevelopment Plan for their impact on transportation planning.
5. Funding of first year effort to prepare and distribute a newsletter informing the public of the county's transportation program, plans and identified needs.

**Product:** An updated County Transportation Plan.

**Due Date:** When completed, or with FY2006 STP Final Report at the latest.

**Funding:** \$18,000

## FUNDING SUMMARY

<b>Task</b>	<b>Budget</b>
I. PROGRAM ADMINISTRATION	\$ 4,000
II. TRANSPORTATION FACILITIES	\$ 7,000
III. TIP	\$ 7,000
IV. INTERAGENCY COORDINATION	\$ 9,000
V. SUPPORTIVE ACTIVITIES	\$18,000
<hr/>	
<b>TOTAL</b>	<b>\$45,000</b>
Federal Share (80%)	\$36,000
County Match (20%)	\$ 9,000

## STAFFING PLAN

<b>Name</b>	<b>Position</b>	<b>Days—to be determined</b>
Joseph Federici	County Engineer	
Ron Rukenstein	County Planning Director	
William Miller	Assistant Supervisor, Bridges	
Charles Munyon	Principal Planner	
Richard Hemenway	Senior Road Inspector	
Robert Garrison	Senior Engineering Aid	



# **TECHNICAL PROGRAM**

## **Task 06/401: FY 2006 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 06/402: 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 2007-2009 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 06/404: SJTPO DEMOGRAPHIC FORECASTING**

**Background:** Federal planning regulations require that MPO's update their Regional Transportation Plans at least every three years, employing the latest planning assumptions. With the next SJTPO Plan Update due in September 2007 (early State FY 2008), SJTPO will commission an independent population and employment forecasting project in FY 2006. The NJDOT 2030 Long Range "Living" Plan project anticipates an extensive demographic analysis by May 31, 2005. This Task 06/404 will begin with that Living Plan deliverable, and use consultant assistance and public outreach to incorporate local trends and policies.

**Funding:** \$40,000

**Project Manager:** VACANT

**Task 06/405: WESTERN ATLANTIC COUNTY RURAL ROAD SAFETY SCAN**

**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 06/401), but will not delve deeply into improvement analysis or justification.

**Funding:** \$50,000

**Project Manager:** William Schiavi

**Task 06/407: 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.

**Funding:** \$45,000

**Project Manager:** Teresa Thomas

**NON-MPO-FUNDED  
TRANSPORTATION PLANNING  
ACTIVITIES**

**06/501: NEW JERSEY DEPARTMENT OF TRANSPORTATION  
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES**

**The New Jersey Department of Transportation  
State Planning and Research Management Systems  
Work Program is Included as  
Appendix 1  
to this Document**

**06/502: NEW JERSEY HIGHWAY AUTHORITY NON-MPO-FUNDED  
TRANSPORTATION PLANNING ACTIVITIES**

**SUBJECT:** GSP Mainline Widening from Interchange 30 – 80

**DBNUM:** GSP133

**DESCRIPTION:** This is in the planning and permitting stages of a one lane widening program from Interchange 30 to 80. The widening program is in three parts (two parts in the SJTPO area) in order to address the additional capacity needs that will develop in different parts of this area at different times. Depending on the physical and environmental constraints, widening will take place in the median or to the outside of the roadway. Approximately 80% of the widening will be to the inside.

**COUNTIES:** Atlantic (Somers Point, Egg Harbor, Galloway, Port Republic)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary and final design, environmental impact statement, and CAFRA permit application.

**CONSTRUCTION COST (2002 dollars):**

\$129 Million NJTPA Area (Ocean County)

\$254 Million SJTPO Area

\$383 Million Total

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**SUBJECT:** Full Interchange to North Wildwood Boulevard (Interchange 6)

**DBNUM:** GSP135

**DESCRIPTION:** This project will connect the Garden State Parkway with North Wildwood Boulevard (NJ Route 147). Currently a partial interchange, this work will construct a new northbound exit and a new southbound entrance ramp. Requires a CAFRA permit. Preliminary and final design and environmental permitting documents will be prepared after consultants are obtained. Coordination with Cape May County, NJDOT and FHWA is involved.

**COUNTY:** Cape May (Middle Township)

**SCHEDULE:** TBD

**PRODUCT:** Award preliminary and final design and environmental permitting and purchase ROW.

**COST (2002 dollars):**

\$3.1 Million Total (Design & EIS & ROW)

**CONSTRUCTION COST (2002 dollars):**

\$5.3 Million

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**SUBJECT:** Grade Separation of Shell Bay Avenue (Interchange 9)

**DBNUM:** 98543

**DESCRIPTION:** This project will grade separate with bridges carrying the Garden State Parkway over Shell Bay Avenue (CR 657). Existing signalized intersection will be grade separated with no local access. Requires a CAFRA permit.

**COUNTY:** Cape May (Middle Township)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary design and environmental permitting.

**COST (2002 dollars):**

\$1 Million (Design & EIS)

**CONSTRUCTION COST (2002 dollars):**

\$6 Million

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**SUBJECT:** Full Interchange to Stone Harbor Boulevard (Interchange 10)

**DBNUM:** GSP124

**DESCRIPTION:** This project will connect the Garden State Parkway with Stone Harbor Boulevard (CR 657). Existing signalized intersection will be grade separated with bridges over the local road and will include a full interchange. Requires a CAFRA permit. Preliminary and final design and environmental permitting documents will be prepared after a consultant is obtained. Coordination with Cape May County, NJDOT and FHWA is involved.

**COUNTY:** Cape May (Middle Township)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary and final design and environmental permitting and start of construction

**COST (2002 dollars):**

\$3.6 Million (Design & EIS)

**CONSTRUCTION COST (2002 dollars):**

\$34.1 Million

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**SUBJECT:** Full Interchange to Crest Haven Road (Interchange 11)

**DBNUM:** 98543

**DESCRIPTION:** This project will connect the Garden State Parkway with Crest Haven Road (CR 609). Existing signalized intersection will be grade separated with bridges over the local road and will include a full interchange. Requires a CAFRA permit.

**COUNTY:** Cape May (Middle Township)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary design and environmental permitting.

**COST (2002 dollars):**  
\$1 Million (Design & EIS)

**CONSTRUCTION COST (2002 dollars):**  
\$25 Million

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**SUBJECT:** Full Interchange to Sea Isle Boulevard (Interchange 17)

**DBNUM:** GSP134

**DESCRIPTION:** This project will complete the connection of the Garden State Parkway with Sea Isle Boulevard (CR625). Currently a partial interchange, this work will construct new northbound and southbound entrance ramps and new northbound and southbound exit ramps. Requires Pinelands and CAFRA permits.

**COUNTY:** Cape May (Dennis Township)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary design and environmental permitting.

**COST (2002 dollars):**  
\$.2 Million (Preliminary Design & EIS)

**CONSTRUCTION COST (2002 dollars):**  
\$4.2 Million

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**SUBJECT:** Interchange 29 – 30 Improvements

**DESCRIPTION:** This project will facilitate the southern terminus of the Interchange 30 – 80 Widening. This work will include the widening by a third lane and improvements to Interchange 29 and a new ramp structure at Interchange 30.

**COUNTY:** Atlantic (City of Somers Point)

**SCHEDULE:** TBD

**PRODUCT:** Preliminary design.

**COST (2002 dollars):**  
\$.55 Million (Preliminary Design)

**CONSTRUCTION COST (2002 dollars):**  
\$16 Million

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**SUBJECT:** Improvements at the Atlantic City Service Area/ Bridge Replacement over Jimmie Leeds Road

**DESCRIPTION:** This project will replace the northbound and southbound Garden State Parkway bridges over Jimmie Leeds Road to allow for a wider, four-lane roadway along Jimmie Leeds Road.

**COUNTY:** Atlantic (Galloway Township)

**SCHEDULE:** TBD

**PRODUCT:** Construction to be completed for bridge.

**CONSTRUCTION COST (2002 dollars):**  
\$8.7 Million

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**06/503: 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.

**FINANCIAL INFORMATION**

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION  
FY 2006 UNIFIED PLANNING WORK PROGRAM**

**TABLE 2  
FUNDING OVERVIEW**

2/22/05

<b>Central Staff Work Program</b>			\$ 928,714
<b>Agency Supportive Work Programs</b>			
SJTA Support Work Program	\$ 30,000		
<u>NJTransit Support</u>	<u>\$ 3,000</u>		
Sub Total			\$ 33,000
<b>Subregional Work Programs</b>			
Atlantic County	\$ 84,000		
Cape May County	\$ 45,000		
Cumberland County	\$ 77,000		
<u>Salem County</u>	<u>\$ 45,000</u>		
Sub Total			\$ 251,000
<b>Technical Program</b>			
FY 2006 Road Safety Audits and PD	\$150,000		
Air Quality Emissions Modeling	\$ 50,000		
Demographic Forecasting	\$ 40,000		
Western Atlantic County Rural Road Safety Scan	\$ 50,000		
<u>Seat Belt Use Survey</u>	<u>\$ 45,000</u>		
Sub Total			<u>\$ 335,000</u>
<b>Grand Total</b>			\$1,547,714

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

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION  
FY 2006 UNIFIED PLANNING WORK PROGRAM**

**TABLE 3  
PROGRAMMED RESOURCES**

5/11/05

<b>FHWA FY 05 PL Allocation</b>	<b>\$707,776</b>	
<b>FTA FY 05 PL Allocation</b>	<b>\$361,801</b>	
<b>FHWA FY 04 Supplemental</b>	<b>\$ 92,137</b>	
<b><u>FHWA FY 06 Surface Transportation Program Funds</u></b>	<b><u>\$118,800</u></b>	
<b>Total Federal FY 06 Annual Funding</b>		<b>\$1,280,514</b>
<b>FY 2005 SJ Model Enhancements</b>	<b>\$ 75,000</b>	
<b>FY 2005 Atlantic County Corridor Pedestrian Study</b>	<b>\$ 60,000</b>	
<b><u>FY 2005 FHWA STP Carryover</u></b>	<b><u>\$ 82,000</u></b>	
<b>Total FY 05 UPWP Carryover (Federal only)</b>		<b>\$ 217,000</b>
<b>Local Match (see Note)</b>		<b><u>\$ 50,200</u></b>
<b>GRAND TOTAL</b>		<b>\$1,547,714</b>

**FUNDING SOURCES**

	<b>FY 04 Supp'l</b>	<b>FY 05 Carryover</b>	<b>FY 05 UPWP</b>	<b>FY 06 STP</b>	<b>TOTAL</b>
<b>FHWA STP</b>	<b>\$</b>	<b>\$ 82,000</b>	<b>\$</b>	<b>\$118,800</b>	<b>\$200,800</b>
<b>FHWA PL</b>	<b>\$ 92,137</b>	<b>\$ 85,199</b>	<b>\$707,776</b>	<b>\$</b>	<b>\$885,112</b>
<b>FTA PL</b>	<b>\$</b>	<b>\$ 49,801</b>	<b>\$361,801</b>	<b>\$</b>	<b>\$411,602</b>
<b>Local Match</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 50,200</b>	<b>\$ 50,200</b>
<b>TOTAL</b>	<b>\$ 92,137</b>	<b>\$217,000</b>	<b>\$1,069,577</b>	<b>\$169,000</b>	<b>\$1,547,714</b>

**NOTE: Local Match supports Subregional Planning Program activities.**

**TABLE 4 – FUNDING SOURCE SUMMARY**

h/SJTPO/programming/UPWP/06UPWP/\$\$Source

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION  
FY 2006 UNIFIED PLANNING WORK PROGRAM**

**TABLE 5  
CENTRAL STAFF BUDGET  
2/22/05**

**TABLE 6 – BREAKDOWN OF ESTIMATED TASK COSTS**