

SOUTH

JERSEY

TRANSPORTATION

PLANNING

ORGANIZATION

UNIFIED

PLANNING

WORK

PROGRAM

FISCAL YEARS 2011 & 2012

SOUTH JERSEY

TRANSPORTATION PLANNING

ORGANIZATION

FY 2011 & 2012

UNIFIED PLANNING WORK PROGRAM

Policy Board Approved
March 22, 2010

Federal aid agreement PL – 0011(051)
Federal aid agreement STP – B00S(979)

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

FY 2011 – 2012 UNIFIED PLANNING WORK PROGRAM

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OVERVIEW

PURPOSE OF THE UNIFIED PLANNING WORK PROGRAM

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

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

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

Each year, MPO's prepare a Unified Planning Work Program (UPWP), in cooperation with member agencies, to describe all metropolitan transportation and transportation-related air quality planning activities anticipated within the area during the year. Since the UPWP essentially serves as the master regional transportation planning funding application, it documents of planning activities to be performed with funds provided to MPO's by the Federal Highway Administration (FHWA). The UPWP includes the work of member agencies and consultants, as well as the work done directly by the MPO's Central Staff.

As of the date of this document, SJTPO Central Staff is projected to consist of the following individuals and responsibilities:

Timothy G. Chelius, P.P., AICP, Executive Director: Overall SJTPO operations
Monica LoGuidice, Manager of Administration: Office and contract management, website
Nancy Hammer, Support Specialist: General office duties, TIP data base management, TAC support
Michael Reeves, P.P., AICP, Special Projects Coordinator (PT): Subregional Program, UPWP financial
Teresa Thomas, SJTSA Program Manager: South Jersey Traffic Safety Alliance
William Schiavi, CPA, AICP, Manager of Regional Planning: Regional planning, transportation safety planning
Wayne Shelton, Community Safety Outreach Specialist (PT): Community safety outreach
Michael Tullio, Community Safety Outreach Specialist, (PT): Community safety outreach
Alan Huff, Transportation Planner: Geographic Information Systems, systems planning, Title VI
David Heller, Senior Transportation Planner: Travel demand modeling, regional planning, Air Quality analysis, technical assistance
John Petersack, Capital Program Specialist (PT): project development and programming
VACANT, Transportation Planner: General planning assistance, public involvement

THE TRANSPORTATION PLANNING ENVIRONMENT

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

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

In accordance with the intent of ISTEA, the formation of the SJTPO provided a stronger regional approach to solving transportation problems and 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.

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

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

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

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;

- Increase the accessibility and mobility of people and for freight;
- Protect and enhance the environment, promote energy conservation, and improve quality of life;, and promote consistency between transportation improvements and State and local planned growth and economic development patterns
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation; and
- Emphasize the preservation of the existing transportation system

This Unified Planning Work Program sets forth the steps SJTPO will take during the coming fiscal year to improve transportation in the region and to meet the challenges of ISTEA, TEA-21, SAFETEA-LU, and the Clean Air Act.

SJTPO STRUCTURE

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

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

A Citizens Advisory Committee represents a broad cross-section of civic and business groups, environmental interests, and private provider and user groups. Other interested individuals and associations also participate and are added to the mailing list upon request. The CAC was established as part of SJTPO's initial structure in recognition of the importance of public involvement to the organization.

REGIONWIDE FY 2011 and FY 2012 PLANNING PRIORITIES

Integrating safety considerations into regional planning will continue to be a top priority in FY 2011, especially with the explicit recognition of safety as a core program in SAFETEA-LU. SJTPO will continue to employ SJTPO's Safety Management System tool to advance safety projects and programs in a variety of ways, including: continuing regional SCP outreach, close work with the South Jersey Traffic Safety Alliance, technical studies, and the allocation of significant staff resources to safety programs and analysis. SJTPO will also work with community groups to advance grass roots safety programs.

SJTPO will continue its successful Highway Asset Data Collection program begun in Atlantic County in FY 2009, the City of Vineland in FY 2010, and Cumberland and Salem Counties in FY 2011 and 2012

SJTPO will conduct post – construction evaluation of all roadway and safety design improvements implemented with Local Safety Program funds to date, and will seek NJDOT data on recent construction completion in the SJTPO region for the same analysis.

SJTPO activities in the area of global warming/climate change for FY 2011 and FY 2012 include the following:

- Participation in NJDEP-led effort to expand greenhouse gas (GHG) emissions inventory to include SJTPO region.
- In conjunction with task above and possible future guidance from SAFETEA-LU reauthorization, evaluation of GHG emissions impacts of various land use/transportation scenarios for the 2040 Regional Transportation Plan.
- Participation in efforts spearheaded by the New Jersey Department of Environmental Protection (NJ DEP) to create a stronger link between federally-mandated MPO activities such as long-range transportation plans and Transportation Improvement Programs (TIPs) and state-mandated GHG targets.
- Use, evaluation, and transfer to subregions of user-friendly tools (such as DVRPC's Local Energy and Greenhouse Gas Reduction Toolkit) to help identify, prioritize, and implement cost-effective strategies to reduce the carbon footprint of municipal and/or county operations.

Also, SJTPO will support livable community efforts in our region through our involvement and assistance in the Safe Routes to School Program, Transportation Enhancements Program, the South Jersey Traffic Safety Alliance, and the initiatives of the South Jersey Economic Development District.

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

UPWP SUMMARY AND INDIVIDUAL AGENCY PRIORITIES

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

Central Staff Work Program (\$2,115,298) - 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, oversight and direction of the SJTA administrative support operations, and housing the South Jersey Traffic Safety Alliance. In addition, advancing safety projects and programs will be a significant task, as SJTPO continues in its nationally – recognized leadership role in integrating safety into planning. Staff will prepare the FY 2012 Revised UPWP and FY 2012 Preliminary Program.

South Jersey Transportation Authority Administration (\$40,000) - 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.

Subregional Transportation Planning Work Programs (\$609,000) – SJTPO Counties are vital partners in all SJTPO planning processes. They receive funds through this UPWP to support their contributions to SJTPO, as well as other transportation planning needs of their jurisdictions. They have many activities in common, including contributing to Regional Transportation Plan Updates and related projects. They also assist the JARC program, participate in the SJTPO Transportation Improvement Program, support public involvement, and provide other assistance to SJTPO priorities described above.

The County Subregional Planning Work Programs provide a total for FY 2011 and FY 2012:

- Atlantic County - \$216,000: Six Road Safety Audits
- Cape May County - \$116,000: Road Safety Audits
- Cumberland County – \$181,000: Development review standards update, and new County Transportation Plan
- Salem County – \$96,000: Integrated Human Services Transportation Program

Technical Program (\$1,282,976) - To supplement the various agency work programs described above, SJTPO will support technical studies and projects performed by consultants, as follows:

- FY 2011 & FY 2012 Road Safety Project Development (each \$75,000) – Since FY 2004, SJTPO has conducted Road Safety Audits for selected highway segments throughout the region. These Safety Audits generated many short- and mid- term improvement recommendations and this FY 2009 activity will provide assistance to project sponsors in developing projects for federal HSIP funding.
- FY 2011 & FY 2012 Air Quality Analysis (each \$40,000) – This task will provide consultant assistance for emissions modeling work, CMAQ emissions reduction estimation, coordination with NJDOT NJDEP, and USEPA, model setups, and other related air quality assistance. The major traditional work element is the annual completion of the Regional Transportation Plan (RTP)/Transportation Improvement Program (TIP) conformity analysis.
- FY 2011 & FY 2012 Seat Belt Use Survey (each \$50,000) – Consultant assistance will be secured to measure and evaluate seat belt use in the SJTPO region. Special attention will be devoted to communities and populations of concern, such as commercial operators or teen drivers.
- FY 2011 & 2012 Asset Management Data Collection (each \$75,000) – SJTPO will continue a multi – year effort to collect pavement and roadway facility data, including data involving bridges, for local management systems. The FY 2011 project will be conducted for Cumberland County and the FY 2012 project will take place in Salem County
- FY 2011 Western SJTPO Corridor Access Management Plan (\$75,000) – This project will study potential access controls and corridor management options for selected 500 series county roads in Cumberland and Salem Counties to maintain or upgrade their functional capabilities to serve as regional highway links between development centers.
- FY 2011 Household Travel Survey - (\$117,111 from FY 2006 carryover)) – SJPTO will conduct a new household travel survey to gather information on work and non-work trip generation, trip distribution, modal choice, and traffic assignment as well as to obtain data on average vehicle occupancy. The survey will be conducted during FY 2011 with funding carried forward from FY 2006.
- 2040 Demographic Forecasts (\$50,000 from FY 2007 carryover) – SJTPO will be updating its demographic projections for use in the SJTPO Travel Demand Model and the SJTPO Regional Transportation Plan 2040. This study will include forecasts for each county.

- FY 2011 & FY 2012 South Jersey Travel Demand Model Development (FY 2011: \$441,147 from FY 2007 carryover; FY 2012: \$199,118 from FY 2008 carryover) – Recommendations from previous model development projects and from a peer review to be conducted in FY 2010 will form the basis of the FY 2011 and FY 2012 SJTDM Model Development.

A total of \$4,047,274 is programmed for use within this document, as is detailed in the "Financial Information" section.

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

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

CENTRAL STAFF WORK PROGRAM

ACTIVITY 11 - 12/110: REGIONAL TRANSPORTATION PLANNING

Task 11-12/111: TRANSPORTATION SAFETY PLANNING (TSP)

Objective:

Transportation Safety Planning (TSP) is a proactive approach aimed at preventing crashes and unsafe conditions. SJTPO and the South Jersey Traffic Safety Alliance have been conducting multidisciplinary programs by integrating engineering, enforcement, education, and planning, and will continue to do so in FY 2011 and FY 2012.

In FY 2011 and FY 2012, key activities include the use of two software tools: the South Jersey Safety Management System (SJSMS) and Plan4Safety. These tools aid in the quantitative portion of our systematic approach to identify high crash locations and appropriate countermeasures. These quantitative tools, along with the qualitative input from safety professionals, provide input for capital programming decision.

Activities and Products:

1. Work with Rutgers University, NJDOT, FHWA, and the National Highway & Traffic Safety Administration to advance TSP safety.
2. Continue work in FHWA's national Peer – to – Peer Program for Road Safety Audit training.
3. Establish an on-going program of UPWP-funded safety activities, such as Road Safety Project Development and Seat Belt Surveys.
4. Utilize SJTPO's Safety Management System, NJDOT crash data, and Plan4Safety for program analysis, special studies, etc. in cooperation with the South Jersey Traffic Safety Alliance, Rutgers Transportation Safety Resource Center, CAIT-LTAP, and other stakeholders.
5. Publish a series of reports examining traffic safety trends in the SJTPO region, and compare trends with those of the state and nation. These reports are to incorporate demographic and other data as appropriate.

Funding: Estimated cost is \$220,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: William Schiavi

Staffing Plan (FTE): 1.00

Task 11 - 12/112: 2035 REGIONAL TRANSPORTATION PLAN IMPLEMENTATION

Objective:

One of the principal requirements of federal transportation law for Metropolitan Planning Organizations (MPO's) is the development and regular updating of a plan to guide policy and programming decisions. SJTPO's first Regional Transportation Plan (RTP), with a 2015 horizon year, was adopted in August 1995. The RTP was updated and adopted, with a 2035 horizon year, in July, 2008. This task will support continued plan outreach and refinement during FY 2011 & 2012. This task will also support the updating of the current RTP to produce the 2040 RTP.

Activities and Products:

1. Utilize the Task 2 (Performance Measure) products of the NJDOT State Long Range Transportation Plan, as the basis for SJTPO's Regional Performance Measures.
2. Utilize the Task 5 (Reporting System) product of the NJDOT State Long Range Transportation Plan, for SJTPO system performance evaluation.
3. Use of the NJDOT Transportation Management Integration Initiative target data set to shape regional priorities (data set originally scheduled to be available January 2006). To the greatest extent feasible, the RTP will make use of the Management Systems data and establish goals for SJTPO's high priority areas.
4. Program for FYs 2011 and 2012 to culminate in adoption of 2040 RTP by June 2012.
 - 4a. Outreach to community to determine the region's goals.
 - 4b. Obtain projection of population and employment forecast.
 - 4c. Support development of the travel demand model, which will be used for congestion management analysis. Support will include obtaining and providing input related to traffic, population and employment.
 - 4d. Construct multiple scenarios based on projected changes for the region related to demographics, employment, and financial resources through the year 2040. Scenarios are to be used for an issue prioritization process.
 - 4e. Construct a visualization / and issue prioritization exercise.
 - 4f. Conduct community out-reach sessions with meetings and with web-site to determine the community's preferences in-light of the projected conditions. This exercise is to be conducted with the visualization techniques developed by SJTPO for RTP 2040.
 - 4g. Prepare the RTP 2040 report for Board adoption; this report will articulate South Jersey's current (2012) conditions, expected challenges, and community goals and preferences. The report will also detail SJTPO's Plan to best meet the region's transportation needs through 2040.

Funding: Estimated cost is \$60,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Managers: William Schiavi and David Heller (Travel Demand Modeling)

Staffing Plan (FTE): 0.27

Task 11 - 12/113: REGIONAL AND CORRIDOR PLANNING

Objective:

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

Activities and Products:

1. Participate in New Jersey's statewide transportation planning efforts:
Participate on various committees involved with statewide planning, such as the NJDOT Intelligent Transportation System (ITS) Advisory Committee, Congestion Management System Subcommittee, Bridge Management Subcommittee, Council on Access & Mobility (CAM), NJ County Transportation Association's TransAction Committee, and others. These activities will result in improved statewide policy and capital programming reflecting SJTPO priorities and needs.
2. Participate in regional transportation planning efforts:
Advise regional agencies on the SJTPO Regional Transportation Plan and SJTPO priorities and programs. Forge a strong connection between the SJTPO Plan and priorities to other agencies' plans. SJTPO will accomplish this by taking an active role in the other agencies' planning process with regards to the South Jersey Region and SJTPO's transportation network. Some of the agencies that SJTPO will be working with include: the Office of Smart Growth the Pinelands commission, CAFRA, COAH and other State agencies.
3. Participate in sub-regional transportation planning efforts:
SJTPO will conduct, manage or participate in the planning efforts affecting our sub-regional partners such as the counties and municipalities. This too will insure that ensure that projects and programs affecting SJTPO's transportation network are fully responsive to SJTPO policies.

Funding: Estimated cost is \$180,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: William Schiavi

Staffing Plan (FTE): 0.82

Task 11 - 12/114: CURRENT REGIONAL ISSUES

Objective:

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

Activities and Products:

1. Investigate, collect data, prepare analyses, develop recommendations, prepare correspondence and reports, and coordinate with other agencies. Representative examples of possible topics are proposed highway projects, traffic problems, bus service, transit proposals, 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 sub-regions to assist with Human Services Transportation programs. Work with the Delaware Valley Regional Planning Commission and the North Jersey Transportation Planning Authority on matters affecting the Philadelphia and North Jersey regions.
3. Provide technical assistance to member counties and municipalities, and assist NJDOT in preparing financial plans for major capital projects as necessary.
4. Assess the implications for the region of any new or proposed State or federal legislation, regulations, and the policies, including federal transportation legislation such as SAFETEA-LU or future legislation.

Funding: Estimated cost is \$80,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: William Schiavi

Staffing Plan (FTE): 0.36

Task 11 - 12/115: GEOGRAPHIC INFORMATION SYSTEM

Objective:

This task calls for the continued development and application of the Geographic Information Systems (GIS) and digital data used by SJTPO. GIS is a computer system capable of assembling, storing, manipulating and displaying geographically-referenced information. Expansion of the GIS and database might include additional software and hardware, as well as new digital and printed data. This system is to support the planning process by providing visualization capability.

Activities and Products:

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

Funding: Estimated cost is \$100,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Alan Huff

Staffing Plan (FTE): 0.46

Task 11 - 12/116: CONGESTION MANAGEMENT PROCESS

Objective:

The federal Intermodal Surface Transportation Efficiency Act (ISTEA) mandated that larger Metropolitan Planning Organizations (MPO's) in air quality non-attainment areas, such as SJTPO, develop and maintain a Congestion Management Process (CMP) for their region. The CMP provides SJTPO with comprehensive, regularly updated data on congestion and its causes, along with methods for screening and evaluating strategies to address the problems. During FY 1998, the then-CMS for the SJTPO region became fully operational, and subsequent enhancements have been made to SJTPO's CMS(P), notably, the use of the South Jersey Travel Demand Model as the primary technical tool. The South Jersey Travel Demand Model is to be updated during FY 2011 & FY 2012, and will be utilized for the 2040 RTP update to be completed in FY 2012.

Activities and Products:

1. Operate congestion management process.
2. Analyze performance measures at the corridor and facility level to examine causes and duration of congestion. Link to performance goals, development of location specific needs and alternative analysis (strategy level), documented methodology to evaluate external problem statements, illustrate prioritized list of needs to be incorporated back into RTP.
3. Operate CMP tool for selected output measures and on-call planning activities.

Funding: Estimated cost is \$40,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: William Schiavi

Staffing Plan (FTE): 0.18

Task 11 - 12/117: PUBLIC INVOLVEMENT and Title VI

Objective:

A major thrust of ISTEA was the promotion of greater public involvement in transportation planning and decision-making, with MPO's playing a central role. SJTPO has a formal Public Involvement Policy describing the procedures it will follow, which was updated in 2010. In FY 2002, SJTPO developed its RTP Outreach project and Environmental Justice Analysis and Plan, both with consultant assistance. In FY 2011, SJTPO is updating its RTP Outreach project, its Environmental Justice Analysis and Plan for use in the SJTPO RTP 2040 Update process.

Specific public involvement activities in other tasks supplement the more general activities in this task. Each sub-regional work program (UPWP area 11/300) also supports SJTPO's public involvement.

Activities and Products:

Public Information

1. Reconstitute the Citizens Advisory Committee as a means to enhance the public participation process by sending notices and materials and seeking input on matters of regional significance.
2. Continue to utilize the SJTPO World Wide Web homepage www.sjtpo.org to provide information and features, and as a means to solicit public comment. Visualization components will be added to the website when available to aid in portraying issues and in describing planning priorities.
3. Issue the SJTPO *On the Go* newsletter for regular communication to a wide audience.

Title VI

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

Funding: Estimated cost is \$60,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: William Schiavi

Staffing Plan (FTE): 0.27

ACTIVITY 11 - 12/120: SAFETY

Task 11 - 12/121: 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, emergency services, engineering and planning with goal of “*Moving People Safely*”. SAFETEA-LU requires that each statewide and metropolitan planning process provide for consideration of projects and strategies that will increase the safety and security of the transportation system for motorized and non-motorized users. The SJ Traffic Safety Alliance is SJTPO’s answer to that call.

Activities and Products:

1. Work with NJ Division of Highway Traffic Safety to secure grants for Alliance programs.
2. Continue with on-going programs such as: the Child Passenger Safety Seat Inspection Campaign, Buckle Up Stencil, Saved By The Seat Belt Club and THINK SAFETY Programs.
3. Develop and implement new regionwide programs, such as 3 Weeks Before (remind new parents to get their infant seats installed 3 weeks before their due date) and The Most Deadly Place on Earth (presentation for teen drivers).
4. Continue to provide traffic safety information and education to county employees through payroll inserts and expand program to include other organizations.
5. Host training workshops, such as the Child Passenger Safety for Nurses and the Driver Education Teachers Workshop.
6. Prepare quarterly reports and reimbursement reports for grant.
7. Purchase items as needed for programs.
8. Attend meetings to share information on the Alliance’s programs and stay informed as to what others are doing to address traffic safety issues.
9. Coordinate with other agencies for region wide participation in programs.
10. Work with SJTPO staff to analyze crash data for specific projects.
11. Organize quarterly General Membership and Executive Board Meetings.
12. Distribute materials and supplies to member agencies and the public. .
13. Maintain website www.sjtsa.org, and produce and distribute quarterly newsletter.

Funding: Estimated cost is \$280,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Teresa Thomas

Staffing Plan (FTE): 1.28

Task 11 - 12/122: 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. 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 Transportation Safety 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 \$200,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Teresa Thomas

Staffing Plan (FTE): 0.91

ACTIVITY 11 - 12/130: PROJECT DEVELOPMENT & PROGRAMMING

11 - 12/131: TRANSPORTATION IMPROVEMENT PROGRAM

Objective:

This task prepares the region's Transportation Improvement Program (TIP), which is an annually updated ten-year list of projects scheduled for federal and state funding. The TIP has been the central component of the federal transportation planning process since its inception, and became even more important under the federal Intermodal Surface Transportation Efficiency Act (ISTEA) because of the greater role in decision-making provided to Metropolitan Planning Organizations. Please go to <http://www.sjtpo.org/tip.html> to review SJTPO's FY 2010 – 2013 and FY 2011 – 2014 TIP's.

Activities and Products (refers to those in FY 2011; simply add a year for FY 2012 activities and products)::

1. Complete final FY 2011-2014. TIP
2. Process TIP amendments and modifications needed throughout the year.
3. Monitor the progress of projects through the SJTPO/NJDOT Study and Development process, which develops candidate projects for future inclusion in the TIP. Identify and prioritize new projects to enter the program and coordinate with NJDOT's annual selection process.
4. Identify and screen candidate projects to enter the FY 2010-2019 TIP project selection pool.
5. Work with the State to develop the financial plan for the TIP.
6. Produce the draft FY 2012-2015 TIP document, and obtain NJDOT report on status of FY 2010 – 2013 TIP projects
7. Manage the TIP review process and conduct public involvement.

Funding: Estimated cost is \$240,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Timothy Chelius

Staffing Plan (FTE): 0.73

Task 11 - 12/132: AIR QUALITY PLANNING

Objective:

Metropolitan Planning Organizations (MPO's) are responsible for assuring conformity of transportation decisions with the air quality State Implementation Plan (SIP) and the federal 1990 Clean Air Act Amendments. They are also called upon to participate in a variety of Statewide air quality planning efforts and must represent their region's interests in transportation air quality matters. SJTPO's current conformity determination may be found at <http://www.sjtpo.org/tiptable10.html> and click on Sec. IX, Air Quality Conformity.

Activities and Products:

1. Coordinate with Statewide transportation air quality planning efforts, including:
 - a. Monitoring the development of SIP revisions and providing input to represent the region's interests when needed.
 - b. Participating in completion of the State conformity rule and in clarifying procedures under it.
2. Conduct any procedures required under transportation conformity regulations for adoption of any Year 2035 Regional Transportation Plan amendments (as required), FY 2011-2014 Transportation Improvement Program and amendments thereto, and for development of the FY 2012-2015 Transportation Improvement Program, including as needed:
 - a. Classifying projects for analysis.
 - b. Managing conformity analysis by consultants.
 - c. Conducting interagency consultation procedures.
 - d. Preparing formal documents.
3. Continue work on greenhouse gas issues, including:
 - a. Participation in effort to expand greenhouse gas (GHG) emissions inventory to include SJTPO region.
 - b. Evaluation of GHG emissions impacts of various land use/transportation scenarios for the 2040 Regional Transportation Plan.
 - c. Participation in efforts spearheaded by the NJDEP to create a stronger link between federally-mandated MPO activities such as long-range transportation plans and TIPs and state-mandated GHG targets.
 - d. Use, evaluation, and transfer to subregions of user-friendly tools to help identify, prioritize, and implement cost-effective strategies to reduce the carbon footprint of municipal and/or county operations.

Funding: Estimated cost is \$80,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: David Heller

Staffing Plan (FTE): 0.73

Task 11 - 12/133: LOCAL PRELIMINARY ENGINEERING AND DESIGN PROGRAM

Objective:

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

For FY 2011 and 2012, active preliminary engineering or design projects will include:

- Mill Creek/Upper Thorofare/Middle Thorofare Bridges
- Commissioner's Pike Phases III and IV Design
- Almond Road Design
- Tilton Road Sec.'s 4A and 4B Design

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 \$60,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Timothy Chelius

Staffing Plan (FTE): 0.27

ACTIVITY 11 - 12/140: PROGRAM ADMINISTRATION

Task 11 - 12/141: ADMINISTRATION AND INTERNAL MANAGEMENT

Objective:

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

Activities and Products:

1. Maintain SJTPO office budget and expense records, prepare time sheets, conduct procurement activities, develop related records, and complete other grant procedures.
2. Oversee and manage SJTA financial administration, including administration of independent audit in FY 2011.
3. Monitor progress and submit grant progress reports and close outs.
4. Conduct human resource management activities.

Funding: Estimated cost is \$280,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Monica LoGuidice

Staffing Plan (FTE): 1.28

Task 11 - 12/142: BOARD AND COMMITTEE SUPPORT

Objective:

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

Activities and Products:

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

Funding: Estimated cost is \$120,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Monica LoGuidice

Staffing Plan (FTE): 0.55

Task 11 - 12/143: UNIFIED PLANNING WORK PROGRAM

Objective:

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

Activities and Products:

1. Direct development of FY 2012 and FY 2013 work programs for the subregions and technical studies.
2. Develop the FY 2012 and FY 2013 Central Staff work programs in coordination with member agencies, including special consideration at TAC and/or special meetings.
3. Compile the FY 2012 and FY 2013 UPWP documents, prepare the budgets, and coordinate the MPO reviews.
4. Process UPWP amendments and related contract modifications.
5. Prepare Self-Certification documents, coordinate with federal agency representatives, complete other procedures related to compliance with federal requirements when required, and keep abreast of changes in requirements.

Funding: Estimated cost is \$40,000 (2 year total)

Federal Aid Agreement: PL-11(051)

Program Manager: Timothy Chelius

Staffing Plan (FTE): 0.18

Task 11 - 12/144: SUBREGIONAL AND TECHNICAL PROGRAM MANAGEMENT

Objective:

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

Activities and Products:

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

Funding: Estimated cost is \$75,298 (2 year total)

Federal Aid Agreement: PL-11(051)

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

Staffing Plan (FTE): 0.30

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
FY 2011 - 2012 UNIFIED PLANNING WORK PROGRAM**

**TABLE 1
CENTRAL STAFF WORK PROGRAM**

SOUTH JERSEY TRANSPORTATION AUTHORITY **ADMINISTRATION**

Task 11 - 12/201: **SOUTH JERSEY TRANSPORTATION AUTHORITY**
 FINANCIAL AND ADMINISTRATIVE SERVICES

Objective:

In 1993, the South Jersey Transportation Authority (SJTA) was designated as the administrative host for SJTPO. SJTPO provides funding to SJTA for financial administration, subcontracting on behalf of SJTPO with the counties and consultants, information technology, and payroll.

Activities/Products:

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

Funding: Estimated cost is \$40,000 (2 year total)

Federal Aid Agreement: PL-11(051)

SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

11-12/301: ATLANTIC COUNTY FY 2011 & FY 2012 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

11-12/301A: Atlantic County FY 2011 Subregional Transportation Planning Work Program (\$ 108,000.00)

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

PROGRAM ADMINISTRATION

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

1. Submit quarterly progress and completion reports of the FY 2011 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task)
3. Revise (if needed) the FY 2012 Subregional Work Program

Products:

- Quarterly & Final Progress Reports
- Revised FY 2012 Subregional Work Program (if needed)

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter
- Revised Subregional Work Program – if needed and as required by SJTPPO

Funding: \$ 12,000.00

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. Develop County Transportation Improvement, Study & Development, and State Aid Programs that are consistent with local, State, and regional plans and goals and assist SJTPPO in their TIP development process. Coordinate the County's transportation planning with SJTPPO and other related organizations that support public involvement.

A. Transportation Data File - Activities

1. **Traffic Counts:** Provide SJTPPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.

2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
3. **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, GIS data and aerial photography products).
4. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information), newly proposed state, and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
5. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

B. Transportation Improvement Program - Activities

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (TIP) Pool:** Provide SJTPO with construction-ready road projects or other eligible (e.g. scoping) projects to be included in the SJTPO FY 2009 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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates
4. **Capital Transportation Program (CTP):** 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. **Transportation Development Districts (TDD):** Atlantic County continue to administer three TDD's. In addition, the DRPED will continue to review the respect improvement programs and prioritize projects in each of these Districts. The projects applications will also be reviewed to determine the cost assessment for traffic contribution in each TDD.

C. Interagency Coordination and Public Participation - Activities

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County's traffic related data and projections
- County's population projections
- County TIP pool candidates, Capital Transportation Program
- Summary (description of meeting, date, and attending staff) of meetings attended

Funding	Amount
A. Transportation Data File	\$ 14,000
B. Transportation Improvement Program	\$ 12,000
C. Public Participation	<u>\$ 12,000</u>
Total	\$ 38,000

III. SUPPORTIVE STUDIES

Objective and Description: Road Safety Audit for West of Atlantic County Part 1: Egg Harbor City's three roads (Philadelphia Ave CR 563 – Moss Mill Rd CR Alt 561 – Duerer St CR 561)

Atlantic County will conduct in-house Road Safety Audit for three Egg Harbor City Roads within City limits. These roads are experiencing increased traffic volume due to development in the west of Atlantic County. The study will involve Atlantic County's Planning and Engineering staff and staff from Police Departments of Egg Harbor City, NJDOT, SJTPO, and Federal Highway. The outline of the study is below:

Activities

Data Collection:

- GIS mapping on different scales;
- Crash data collection, diagrams and crash analysis;
- Update traffic volume data;
- Traffic signals plan on important cross streets.

Road Side Audit:

- Road side audit by traffic safety audit team for section 1 (CR Alt 561 and CR 561);
- Road side audit by traffic safety audit team for section 2 (CR 563)

Road Safety Workshops: During the time of study, various meetings shall be scheduled to discuss the audit findings and their remedies or the solutions to the problems.

Product

Final Report: Atlantic County shall produce the Final Road Safety Audit Report at the end of study that will consist of:

- Introduction
- Background information
- GIS mapping
- Crash data and diagrams
- Safety audit travel findings
- Revised straight line diagrams
- Traffic volume data
- Safety audit pictures
- Safety audit checklists
- Safety audit diagrams/maps of the recommendations.

Safety Audit Team: Road safety audit team will consist of the Planning and Engineering staff of the Atlantic County with John Peterson Deputy Director (Planning) as the Project Manager and resource person. The County will invite Police Department representatives of Egg Harbor City especially at the time of the safety walk for both sections of road. The representative of SJTPO, NJDOT and Federal Highway Department will also be invited to participate in safety walk and discussion groups.

Funding: \$ 58,000.00

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 12,000
II. Data File/TIP/ Public Participation	\$ 38,000
III. Supportive Studies	\$ 58,000
<hr/>	
TOTAL	\$ 108,000

Federal Share (80%)	\$ 86,400
County In-Kind Match (20%)	\$ 21,600

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Joseph Maher	Director	08
John Peterson	Deputy Director (PD)	78
Brian Walter	Principal Planner	04
Robert Lindaw	Supervising Planner	04
Barry Hackett	GIS Director	04
Matt Duffy	GIS Specialist	33
Scott Dalton	GIS Specialist	14
Sarah Taylor	GIS Specialist	10
Everest John	Assistant Planner	78
Jim Menge	Engineering Aid	13
John Masi	Engineer	12
Jim Mason	Engineer	12
Ed Newman	Traffic Analyst	11

**Atlantic County FY 2012
Subregional Transportation Planning Work Program
(\$ 108,000.00)**

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

PROGRAM ADMINISTRATION

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

1. Submit quarterly progress and completion reports of the FY 2012 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task)
3. Prepare FY 2013 Subregional Work Program

Products:

- Quarterly & Final Progress Reports
- FY 2013 Subregional Work Program

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter
- Revised Subregional Work Program – if needed and as required by SJTPO

Funding: \$ 12,000.00

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. 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 their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

A. Transportation Data File - Activities

1. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
3. **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, GIS data and aerial photography products).

4. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information), newly proposed state, and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
5. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

B. Transportation Improvement Program - Activities

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (TIP) Pool:** Provide SJTPO with construction-ready road projects or other eligible (e.g. scoping) projects to be included in the SJTPO FY 2009 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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates.
4. **Capital Transportation Program (CTP):** 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. **Transportation Development Districts (TDD):** Atlantic County continue to administer three TDD's. In addition, the DRPED will continue to review the respect improvement programs and prioritize projects in each of these Districts. The projects applications will also be reviewed to determine the cost assessment for traffic contribution in each TDD.

C. Interagency Coordination and Public Participation - Activities

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County's traffic related data and projections

- County’s population projections
- County TIP pool candidates, Capital Transportation Program
- Summary (description of meeting, date, and attending staff) of meetings attended

Funding	Amount
A. Transportation Data File	\$ 14,000
B. Transportation Improvement Program	\$ 12,000
C. Public Participation	<u>\$ 12,000</u>
<u>Total</u>	<u>\$ 38,000</u>

III. SUPPORTIVE STUDIES

Objective and description: Road Safety Audit for West of Atlantic County Part 2: Hammonton Township (Central Ave CR 542 – Moss Mill Rd CR 561/Egg Harbor Rd CR 602 – Chew Road CR 559)

Atlantic County will conduct in-house Road Safety Audit above three roads in Hammonton Township within City limits. These roads are experiencing increased traffic volume due to development in west of Atlantic County. The study will involve Atlantic County’s Planning and Engineering staff and staff from Police Departments of Hammonton Township, NJDOT, SJTPO, and Federal Highway. The outline of the study is below:

Activities

Data Collection:

- GIS mapping on different scales;
- Crash data collection, diagrams and crash analysis;
- Update traffic volume data;
- Traffic signals plan on important cross streets.

Road Side Audit:

- Road side audit by traffic safety audit team for section 1 (CR 542, CR 561, CR 602);
- Road side audit by traffic safety audit team for section 2 (559)

Road Safety Workshops: During the time of study various meetings shall be scheduled to discuss the audit findings and their remedies or the solutions to the problems.

Product

Final Report: Atlantic County shall produce the Final Road Safety Audit Report at the end of study that will consist of:

- Introduction
- Background information
- GIS mapping
- Crash data and diagrams
- Safety audit travel findings
- Revised straight line diagrams

- Traffic volume data
- Safety audit pictures
- Safety audit checklists
- Safety audit diagrams/maps of the recommendations.

Safety Audit Team: Road safety audit team will consist of the Planning and Engineering staff of the Atlantic County with John Peterson Deputy Director (Planning) as the Project Manager and resource person. The County will invite Police Department representatives of Hammonton, especially at the time of the safety walk for both sections of road. The representative of SJTPO, NJDOT and Federal Highway Department will also be invited to participate in safety walk and discussion groups.

Funding: \$ 58,000.00

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 12,000
II. Data File/TIP/ Public Participation	\$ 38,000
V. Supportive Studies	\$ 58,000
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TOTAL	\$ 108,000

Federal Share (80%)	\$ 86,400
County In-Kind Match (20%)	\$ 21,600

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Joseph Maher	Director	08
John Peterson	Deputy Director (PD)	78
Brian Walter	Principal Planner	04
Robert Lindaw	Supervising Planner	04
Barry Hackett	GIS Director	04
Matt Duffy	GIS Specialist	33
Scott Dalton	GIS Specialist	14
Sarah Taylor	GIS Specialist	10
Everest John	Assistant Planner	78
Jim Menge	Engineering Aid	13
John Masi	Engineer	12
Jim Mason	Engineer	12
Ed Newman	Traffic Analyst	11

11-12/302: CAPE MAY COUNTY FY 2011 & FY 2012 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

11-12/302A: CAPE MAY COUNTY FY 2011 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

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 2010 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task)
3. Revise (if needed) the FY 2012 Subregional Work Program

Products:

- Quarterly & Final Progress Reports.
- Revised FY 2012 Subregional Work Program (if needed)

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Revised Subregional Work Program – if needed and as required by SJTPO

Funding \$ 5,800

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. 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 their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Transportation Data File - Activities

1. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.

3. **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, GIS data and aerial photography products).
4. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
5. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

Transportation Improvement Program - Activities

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates
4. **Capital Transportation Program (CTP) –** 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. **Other-** Attend meetings and information sessions to garner information on projects identified above.

Interagency Coordination and Public Participation - Activities

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County’s traffic related data and projections.
- County’s population projections.
- County TIP pool candidates, Capital Transportation Program.
- Summary (description of meeting, date, and attending staff) of meetings attended.
- Other [specify]

Funding	Amount
Transportation Data File (estimate) -	\$ 17,200
Transportation Improvement Program (estimate) -	\$ 10,000
Public Participation (estimate) -	\$ 10,000
Total	\$ 37,200

III. SUPPORTIVE STUDIES

Objective and Description: Road Safety Audit for Portions of Federal Aid Road System to be Identified Utilizing Traffic Safety / Crash Data – Phase I

Cape May County will utilize available traffic safety / crash data to identify potential roadway candidates for an in-depth Road Safety Audit. Eligible roadways will include County Roads, as well as municipal streets that are eligible for federal aid. Once selected, the roadway segment will undergo a rigorous assessment that will involve the Cape May County Planning Department, the Office of Public Works, and staff from the Police Departments of affected municipalities. Assistance will also be sought from the New Jersey Department of Transportation, the South Jersey Transportation Planning Organization, and the Federal Highway Administration. This task will contribute to the enhancement of roadway safety in the Cape May County area, furthering the SJTPO's planning priority of integrating safety considerations into regional planning.

The outline of the study is below:

Activities

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

Data Collection:

- GIS mapping on different scales
- Crash data collection, diagrams and crash analysis
- Update traffic volume data
- Traffic signals plan on important cross streets.

Road Side Audit:

- Road side audit by traffic safety audit team for each section selected for study
- Presentation of Audit Findings to County and partner agencies
- Prepare final response

Prepare Grant Contract Documents:

- Develop applications or documents required by funding agencies for submission of project for grant funding

Product

Road Safety Audit for Selected Portion of Roadway
Contract Documents for Submission to Funding Agency(ies)

Funding: \$ 15,000 (Consultant)

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$5,800
II. Data File/TIP/ Public Participation	\$37,200
III. Supportive Studies	\$5,000
<hr/>	
TOTAL	\$58,000
Federal Share (80%)	\$46,400
County Match (20%)	\$11,600

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Leslie Gimeno	Director	62
Dale Foster	County Engineer	4
Martin Teller	Principal Planner	48
Brigitte Sherman	Principal Planning Aide	9
Brian O'Connor	GIS Specialist	23
Tom Brennan	Traffic Enumerator	100
Lucille DeSimone	Administrative Secretary	7

11-12/302B: CAPE MAY COUNTY FY 2012 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

I. PROGRAM ADMINISTRATION

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

- 1. Submit quarterly progress and final completion reports of the FY 2011 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).**
- 2. Maintain time sheets (by staff and task)**
- 3. Prepare and submit the FY 2013 County Subregional Work Program**

Products:

- Quarterly & Final Progress Reports.
- FY 2013 Subregional Work Program

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Subregional Work Program – as required by SJTPO

Funding \$ 5,800

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. 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 their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Transportation Data File - Activities

- 1. Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
- 2. Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
- 3. 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, GIS data and aerial photography products).
- 4. County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.

5. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

Transportation Improvement Program - Activities

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates
4. **Capital Transportation Program (CTP)** – 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. **Other-** [Specify]

Interagency Coordination and Public Participation - Activities

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County’s traffic related data and projections.
- County’s population projections.
- County TIP pool candidates, Capital Transportation Program.
- Summary (description of meeting, date, and attending staff) of meetings attended.
- Other [specify]

Funding	Amount
Transportation Data File (estimate) -	\$ 17,200
Transportation Improvement Program (estimate) -	\$ 10,000
<u>Public Participation (estimate) -</u>	<u>\$ 10,000</u>
Total	\$ 37,200

III. SUPPORTIVE STUDIES

Objective and Description: Road Safety Audit for Portions of Federal Aid Road System to be Identified Utilizing Traffic Safety / Crash Data – Phase II

Cape May County will utilize available traffic safety / crash data to identify potential roadway candidates for an in-depth Road Safety Audit. Eligible roadways will include County Roads, as well as municipal streets that are eligible for federal aid. Once selected, the roadway segment will undergo a rigorous assessment that will involve the Cape May County Planning Department, the Office of Public Works, and staff from the Police Departments of affected municipalities. Assistance will also be sought from the New Jersey Department of Transportation, the South Jersey Transportation Planning Organization, and the Federal Highway Administration. This task will contribute to the enhancement of roadway safety in the Cape May County area, furthering the SJTPO's planning priority of integrating safety considerations into regional planning.

The outline of the study is below:

Activities

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

Data Collection:

- GIS mapping on different scales
- Crash data collection, diagrams and crash analysis
- Update traffic volume data
- Traffic signals plan on important cross streets.

Road Side Audit:

- Road side audit by traffic safety audit team for each section selected for study
- Presentation of Audit Findings to County and partner agencies
- Prepare final response

Prepare Grant Contract Documents:

- Develop applications or documents required by funding agencies for submission of project for grant funding

Product

Road Safety Audit for Selected Portion of Roadway
Contract Documents for Submission to Funding Agency(ies)

Funding: \$ 15,000 (Consultant)

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 5,800
II. Data File/TIP/ Public Participation	\$ 37,200
III. Supportive Studies (Consultant)	\$ 15,000
<hr/>	
TOTAL	\$ 58,000
<hr/>	
Federal Share (80%)	\$ 46,400
County Match (20%)	\$ 11,600

STAFFING PLAN*

<u>Name</u>	<u>Position</u>	<u>Days</u>
Leslie Gimeno	Director	62
Dale Foster	County Engineer	4
Martin Teller	Principal Planner	48
Brigitte Sherman	Principal Planning Aide	9
Brian O'Connor	GIS Specialist	23
Tom Brennan	Traffic Enumerator	100
Lucille DeSimone	Administrative Secretary	7

***Note: The 2012 Work Program mirrors the proposed 2011 Work Program. Therefore, the Staffing Plan is consistent between the years. Any adjustments required will be conducted in September 2010.**

11-12/303A: CUMBERLAND COUNTY FY 2011 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

TASK I: PROGRAM ADMINISTRATION

Objective: Develop, implement and administrate the County's STP Work Program.

Activities:

1. Submit quarterly progress and final completion reports of the FY 2011 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task).
3. Revise (if needed) the FY 2012 Subregional Work Program.

Products:

- Quarterly & Final Progress Reports.
- Revised FY 2012 Subregional Work Program (if needed)

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Revised Subregional Work Program – if needed and as required by SJTPO

Funding: \$7,500

TASK II: DATA FILE, TIP and PUBLIC PARTICIPATION

Objective: Review, update, and maintain the information base needed for Transportation Planning activities. Develop and assist SJTPO with the preparation of a County Transportation Improvement Program, and Study & Development Program that are consistent with regional plans and goals. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

DATA FILES Activities:

1. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.

2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO. Participate in preparations for 2010 Census.
3. **Data Collection & 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, GIS data, development review activity and aerial photography products).
4. **Aerial Photograph Stabilization and Digitization:** The 1977 aerial photo mylars are flaking ink. Repair and computer storage will be sought.
5. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
6. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.
7. **Identify Areas, Facilities and Projects for Transportation Improvements:** Areas for improvements, such as Nabb Avenue extension, extension of rail service, and bikeways will be researched, pursued and recorded as warranted.
8. **SJTPO Safety Management System:** As needed and as requested by SJTPO, provide assistance to SJTPO in the development of its safety management system and other safety-related projects. This may include county-prepared AADT estimates and information on county road profiles for locations identified as potentially dangerous.
9. **Updating & Printing of County Road Map:** Update and digitize county road database along with public facilities and other major traffic generators to produce update and thematically oriented road maps.

TRANSPORTATION IMPROVEMENT PROGRAM Activities:

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (TIP) Pool:** Provide SJTPO with construction-ready road projects or other eligible (e.g. scoping) projects to be included in the SJTPO FY 2009 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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates.

4. **Capital Transportation Program (CTP):** 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. **SIP:** Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Other:

INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION Activities:

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County’s traffic related data and projections.
- County’s population projections.
- County TIP pool candidates, Capital Transportation Program.
- Meeting attendance and participation
- Outline of future facilities, route alignments and other transportation needs
- County Road Map for public distribution and in digitized database
- Other

Funding	Amount
Transportation Data File (estimate) -	\$17,000
Transportation Improvement Program (estimate) -	\$ 7,000
Public Participation (estimate) -	\$ 9,000
Total	\$33,000

TASK III: SUPPORTIVE STUDIES

Objective and Description: To update the County’s development review standards.

Activities:

- Select and hire a consultant to undertake project
- Provide data to consultant
- Monitor and review work consultant’s work

Product: Development review standards that protect the functional integrity of the county road network, to be applied by the county planning board during their review of site plan and subdivision applications.

Relation to Regional Transportation Plan: This activity advances the following goals from the SJTPO 2035 Update.

- **GOAL:** Improve Transportation Safety - Ensure the safety of all users of highway, transit, bicycle, pedestrian and freight systems.

- GOAL: Support the Regional Economy - Improve the efficiency and operations of the existing transportation system.
- GOAL: Mitigate Traffic Congestion - Improve the efficiency and operations of the existing transportation system.
- GOAL: Enhance the integration and connectivity of the transportation system - Encourage cooperative land use and transportation planning activities.
- GOAL: Restore, Preserve, and Maintain the Existing Transportation System - Ensure the key elements of the transportation system are restored, preserved and maintained.

Funding: \$50,000

FUNDING SUMMARY

TASK	BUDGET
I. PROGRAM ADMINISTRATION	\$7,500
II. DATA FILE/TIP/ PUBLIC PARTICIPATION	\$33,000
III. SUPPORTIVE STUDIES	<u>\$50,000</u>
TOTAL	<u>\$90,500</u>

Federal Share (@ 80% total)	\$72,400
County Match (@20% total)	\$18,100

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Brewer	Director	65
Pisarski	Principal Planner	10
Mollick	Senior Planner	65
Buono	GIS Specialist	10
Browne	Graphics Specialist	10
Kim McCann	Administrative Secretary	5

11-12/303B: CUMBERLAND COUNTY FY 2012 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

TASK I: PROGRAM ADMINISTRATION

Objective: Develop, implement and administrate the County's STP Work Program.

Activities:

1. Submit quarterly progress and final completion reports of the FY 2011 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task)
3. Revise (if needed) the FY 2012 Subregional Work Program

Products:

- Quarterly & Final Progress Reports.
- Revised FY 2012 Subregional Work Program (if needed)

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Revised Subregional Work Program – if needed and as required by SJTPPO

Funding: \$7,500

TASK II: DATA FILE, TIP and PUBLIC PARTICIPATION

Objective: Review, update, and maintain the information base needed for Transportation Planning activities. Develop and assist SJTPPO with the preparation of a County Transportation Improvement Program, and Study & Development Program that are consistent with regional plans and goals. Coordinate the County's transportation planning with SJTPPO and other related organizations that support public involvement.

DATA FILES Activities:

1. **Traffic Counts:** Provide SJTPPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
2. **Population Projections:** Review and comment on SJTPPO population projections and, as needed, develop and provide population projections to SJTPPO. Participate in preparations for 2010 Census.

3. **Data Collection & 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, GIS data, development review activity and aerial photography products).
4. **Aerial Photograph Stabilization and Digitization:** The 1977 aerial photo mylars are flaking ink. Repair and computer storage will be sought.
5. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
6. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.
7. **Identify Areas, Facilities and Projects for Transportation Improvements:** Areas for improvements, such as Nabb Avenue extension, extension of rail service, and bikeways will be researched, pursued and recorded as warranted.
8. **SJTPO Safety Management System:** As needed and as requested by SJTPO, provide assistance to SJTPO in the development of its safety management system and other safety-related projects. This may include county-prepared AADT estimates and information on county road profiles for locations identified as potentially dangerous.
9. **Updating & Printing of County Road Map:** Update and digitize county road database along with public facilities and other major traffic generators to produce update and thematically oriented road maps.

TRANSPORTATION IMPROVEMENT PROGRAM Activities:

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (TIP) Pool:** Provide SJTPO with construction-ready road projects or other eligible (e.g. scoping) projects to be included in the SJTPO FY 2009 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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates.
4. **Capital Transportation Program (CTP):** 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. SIP:** Review and comment on NJDOT and NJDEP TIP/SIP process and conclusions relating to air quality conformity.

Other:

INTERAGENCY COORDINATION AND PUBLIC PARTICIPATION Activities:

- 1. SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
- 2. Other Meetings:** Attend other transportation-related meetings as appropriate.
- 3. Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County’s traffic related data and projections.
- County’s population projections.
- County TIP pool candidates, Capital Transportation Program.
- Meeting attendance and participation
- Outline of future facilities, route alignments and other transportation needs
- County Road Map for public distribution and in digitized database
- Other

Funding	Amount
Transportation Data File (estimate) -	\$17,000
Transportation Improvement Program (estimate) -	\$ 7,000
<u>Public Participation (estimate) -</u>	<u>\$ 9,000</u>
Total	\$33,000

TASK III: SUPPORTIVE STUDIES

Objective and Description: Prepare New County Transportation Plan

Activities:

- Select and hire a consultant to undertake project
- Provide data to consultant
- Monitor and review work consultant’s work

Product: A forward looking transportation planning document identifying existing and future resources, opportunities and critical links within the county and between the county and the surrounding region.

Relation to Regional Transportation Plan: This activity advances the RTP goals to 1) preserve and maintain the existing transportation system; 2) efficiently use transportation resources, and 3) promote efficient management and operation

Funding: \$50,000

FUNDING SUMMARY

TASK		BUDGET
I.	PROGRAM ADMINISTRATION	\$7,500
II.	DATA FILE/TIP/ PUBLIC PARTICIPATION	\$33,000
III.	SUPPORTIVE STUDIES	\$50,000
	<hr/> TOTAL	<hr/> \$90,500

Federal Share (@ 80% total)	\$72,400
County Match (@20% total)	\$18,100

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Brewer	Director	65
Pisarski	Principal Planner	10
Mollick	Senior Planner	65
Buono	GIS Specialist	10
Browne	Graphics Specialist	10
Kim McCann	Administrative Secretary	5

11-12/304A: SALEM COUNTY FY 2011 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

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 2011 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task)
3. Revise (if needed) the FY 2012 Subregional Work Program

Products:

- Quarterly & Final Progress Reports.
- Revised FY 2012 Subregional Work Program (if needed)

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Revised Subregional Work Program – if needed and as required by SJTPO

Funding \$5,000

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. 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 their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Transportation Data File - Activities

1. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
3. **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, GIS data and aerial photography products).
4. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.

- 5. SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

Transportation Improvement Program - Activities

- 1. Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
- 2. Transportation Improvement Program (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.
- 3. Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates.
- 4. Capital Transportation Program (CTP) –** 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.

Other-

Interagency Coordination and Public Participation - Activities

- 1. SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
- 2. Other Meetings:** Attend other transportation-related meetings as appropriate.
- 3. Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County’s traffic related data and projections.
- County’s population projections.
- County TIP pool candidates, Capital Transportation Program.
- Summary (description of meeting, date, and attending staff) of meetings attended.
- Other: Updated GIS database files of County activities

Funding	Amount
Transportation Data File (estimate) -	\$ 5,000
Transportation Improvement Program (estimate) -	\$ 5,000
Public Participation (estimate) -	\$ 3,000
Total	\$13,000

III. SUPPORTIVE STUDIES

Objective and Description: At the end of FY09 we received a report from Mundle and Associates that provided the county with a "roadmap to establishing a coordinated, consolidated and centralized HST system."

The county agencies that are currently supplying uncoordinated transportation will have to be brought into and under the auspices of the County Transportation Department. This will involve centralizing the scheduling, including development of a GIS base for routing, and will require that equipment management become centralized and coordinated. Year one of this program involves securing the necessary County budget funding and establishing the central dispatch and routing functions. Since funding and program requirement of the various agencies differ, there will be a significant task to insure that service needs are met, and the reporting systems for the various agencies will need to be coordinated and the experience of the first year of operations will need to be evaluated to insure a smooth transition into a fully integrated County Department of Transportation function.

Activities:

1. Create central dispatch system.
2. Integrate existing operations and maintenance into County Transportation Department.
3. Refine GIS routing system.

Product: Integrated Human Services Transportation Program.

Funding: \$30,000

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 5,000
II. Data File/TIP/ Public Participation	\$13,000
III. Supportive Studies	\$30,000
<hr/>	
TOTAL	\$ 48,000
<hr/>	
Federal Share (80%)	\$ 38,400
County Match (20%)	\$ 9,600

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Louis C. Joyce	Director	24
Charles Munyon	Supervising Planner	2
Dominic Juliano	GIS Specialist	14
William Summiel+	Supervisor	2
Joseph Federici+	County Engineer	12
Jonathan Rishel+	Engineering Assistant	2
James Scull++	Transportation Manager	15

+ Engineering Department
 ++Transportation Department

11-12 304B: SALEM COUNTY FY 2012 SUBREGIONAL TRANSPORTATION PLANNING WORK PROGRAM

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

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 2012 Subregional Work Program to South Jersey Transportation Planning Organization (SJTPO) (including status of local lead projects).
2. Maintain time sheets (by staff and task).
3. Prepare and submit the FY 2013 County Subregional Work Program.

Products:

- Quarterly & Final Progress Reports.
- FY 2013 Subregional Work Program

Due Dates:

- Quarterly Reports and Final Report – 10 days after the close of the quarter.
- Subregional Work Program – as required by SJTPO

Funding \$5,000

II. TRANSPORTATION DATA FILE/TIP/PUBLIC PARTICIPATION

Objective: Review and update the information base needed for transportation planning activities. 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 their TIP development process. Coordinate the County's transportation planning with SJTPO and other related organizations that support public involvement.

Transportation Data File - Activities

1. **Traffic Counts:** Provide SJTPO with all information relating to traffic counts taken that were funded under Subregional Program. For traffic counts not funded under this program, provide count location, date and total count.
2. **Population Projections:** Review and comment on SJTPO population projections and, as needed, develop and provide population projections to SJTPO.
3. **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, GIS data and aerial photography products).

4. **County Transportation Plan Element Update:** Review data, general information (accident and transportation count data land use information) and newly proposed state and local development projects. Determine if this data warrants change to the transportation element of the County Master Plan and make revisions as necessary.
5. **SJTPO Assistance-General:** Provide information and input needed for the update of the SJTPO Regional Transportation Plan (RTP). Participate in the operation and refinement of SJTPO Congestion Management System (CMS), including provision of any existing data needed for the addition of County roads to the CMS Network. In cooperation with SJTPO, review and comment on information and conclusions relating from the various State Management System prepared by NJDOT.

Transportation Improvement Program - Activities

1. **Ranking System:** Provide comments to SJTPO on the project ranking system and assist in revising the system (as needed).
2. **Transportation Improvement Program (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.
3. **Study & Development/Other:** Screen and evaluate Study & Development proposals and technical candidates
4. **Capital Transportation Program (CTP) –** 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.

Other-

Interagency Coordination and Public Participation - Activities

1. **SJTPO Meetings:** Attend regular meetings of the TAC and (as needed) Policy Board and any SJTPO subcommittees.
2. **Other Meetings:** Attend other transportation-related meetings as appropriate.
3. **Public Participation:** Emphasize and encourage public involvement in the transportation planning process. Work with SJTPO staff in scheduling their attendance at County Planning Board meetings to discuss MPO activities.

Products:

- County's traffic related data and projections.
- County's population projections.
- County TIP pool candidates, Capital Transportation Program.
- Summary (description of meeting, date, and attending staff) of meetings attended.
- Other [specify]

Funding	Amount
Transportation Data File (estimate) -	\$ 5,000
Transportation Improvement Program (estimate) -	\$ 5,000
Public Participation (estimate) -	\$ 3,000
Total	\$13,000

III. SUPPORTIVE STUDIES

Objective and Description Update the County Transportation Master Plan Element; will include an evaluation of land development trends for the past five (5) years. Due to the significant changes to local master plans and zoning ordinances that are anticipated to be enacted in complying with the requirements of the Countywide Wastewater Management Plans the projected growth and development trends will be analyzed. The population tabulations and future growth projections will need to be updated to reflect the results of the 2010 Census.

Activities: Review and update county plans to reflect significant changes in assumptions and projections from local plan revisions.

Product: Updated County Master Plan Land Use Element; Updated Census reports, updated growth projections; updated County Data Book

Objective and Description: Year three of the Countywide Human Services Transportation Program

Activities: Review ridership reports and operational data from the first full year of County Integrated Operations and evaluate program efficiencies and capital needs.

Product: Report of operational effective methods and analysis of program needs for equipment and operations software and personnel needs.

Funding: \$30,000

FUNDING SUMMARY

<u>Task</u>	<u>Budget</u>
I. Program Administration	\$ 5,000
II. Data File/TIP/ Public Participation	\$ 13,000
V. Supportive Studies	\$ 30,000
TOTAL	\$ 48,000
Federal Share (80%)	\$ 38,400
County Match (20%)	\$ 9,600

STAFFING PLAN

<u>Name</u>	<u>Position</u>	<u>Days</u>
Louis C. Joyce	Director	24
Charles Munyon	Supervising Planner	2
Dominic Juliano	GIS Specialist	14
William Summiel+	Supervisor	2
Joseph Federici+	County Engineer	12
Jonathan Rishel+	Engineering Assistant	2
James Scull++	Transportation Manager	15

+ Engineering Department

++Transportation Department

TECHNICAL PROGRAM

Task 11 - 12/401: FY 2011 & FY 2012 ROAD SAFETY PROJECT DEVELOPMENT

Background: In cooperation with the South Jersey Traffic Safety Alliance, NJDOT, FHWA, and local officials, SJTPO conducted Road Safety Audits for selected highway segments throughout the region since 2005. These Safety Audits generated many short- and mid- term improvement recommendations and this activity will provide assistance to project sponsors in developing projects for federal HSIP funding.

Funding: \$75,000 each year

Federal Aid Agreement: PL-11(051)

Project Manager: Timothy Chelius

Task 11 - 12/402: FY 2011 & FY 2012 AIR QUALITY ANALYSIS

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

This project will provide the needed consultant support. Tasks will include preparing input needed for the development by New Jersey Department of Environmental Protection (NJDEP) of new emissions budgets reflecting MOBILE 6 or MOVES and provide technical review of NJDEP's budget development work. In addition, emissions analyses to demonstrate conformity for forthcoming TIPs will be prepared, if necessary.

Funding: \$40,000 each year

Federal Aid Agreement: PL-11(051)

Project Manager: David Heller

Task 11 - 12/403: FY 2011 & FY 2012 SEAT BELT USE SURVEYS

Background: SAFETEA-LU emphasizes safety in the metropolitan planning process, and also confirms the need for program evaluation through performance measures. Increasing seat belt use is frequently cited as one of the most important factors in reducing the severity of crashes and is a key component of several South Jersey Traffic Safety Alliance programs. Moreover, a 2002 statewide survey identified southern counties and predominantly rural counties as reflecting the lowest seat belt usage rates. In fact, Cumberland and Atlantic Counties, the only two SJTPO counties in that survey, had the lowest usage rates in New Jersey by a wide margin. In this project, SJTPO can also focus on suspected populations of concern, such as the region's large Spanish – speaking population, or teen drivers, where seat belt use may lag. The survey results can also guide and help define SJTSA projects and programs. This FY 2011 and FY 2012 efforts will extend the work conducted to date.

Funding: \$50,000 each year

Federal Aid Agreement: PL-11(051)

Project Manager: Teresa Thomas

Task 11 - 12/404: FY 2011 & FY 2012 SJTPO ASSET MANAGEMENT DATA COLLECTION, PHASE III

Background: In FY 2011, a pavement condition and roadside asset inventory will be delivered to Cumberland County for priority county roads. There are 539 miles of county roads in Cumberland County. The roadside assets are to include guardrails and signs. This inventory will be conducted while producing a complete video log of all roadways. This video is to be fully integrated into an asset management system that is to be constructed by the contractor.

In FY 2012, a pavement condition and roadside asset inventory is to be delivered to Salem County for priority county roads. There are 359 miles of county roads in Salem County. The roadside assets are to include guardrails and signs. This inventory will be conducted while producing a complete video log of all roadways. This video is to be fully integrated into an asset management system that is to be constructed by the contractor.

This asset management system will be fully integrated and will consist of the video, and databases with information related to location, road pavement condition, and roadside assets. This system will also generate future pavement ratings and improve the planning of pavement repair. Another feature will include the ability to maintain the integrated information for the inventory of road pavement conditions and roadside assets.

Funding: \$75,000 each year

Federal Aid Agreement: PL-11(051)

Project Manager: William Schiavi

Task 11 - 12/405: WESTERN SJTPO CORRIDOR ACCESS MANAGEMENT PLAN

Background – this project will study potential access controls and corridor management options for selected 500 series county roads to maintain or upgrade their functional capabilities to serve as regional highway links between development centers.

The following County Roads are selected because they traverse multiple counties and municipalities, carry significant traffic volumes, and link at least two development centers.

- Rt. 540: Vineland to Salem
- Rt. 553: Bridgeton to Glassboro
- Rt. 552: Millville to Mays Landing
- Rt. 555: Millville to Williamstown

The project will:

- 1) Study and characterize existing land use, zoning, traffic volumes, road conditions, and access points along these roads.
- 2) Present development trends and projected future traffic volumes taking into consideration surrounding areas feeding traffic onto these roads.
- 3) Propose road access controls; physical road improvements, and growth management techniques to preserve and/or enhance functional capabilities of the roads.

Products will include recommendations for municipal / county land use and development controls on road access and a list of road improvements to maintain and improve regional traffic flow.

Funding: \$75,000, FY 2011

Federal Aid Agreement: PL-11(051)

Project Manager: William Schiavi

Task 11 - 12/406: HOUSEHOLD TRAVEL SURVEY

Background: SJTPO plans on conducting a new household travel survey to gather information on work and non-work trip generation, trip distribution, modal choice, and traffic assignment as well as to obtain data on average vehicle occupancy. Both seasonal and non-seasonal travel will be surveyed. This work will be used to calibrate and validate the South Jersey Travel Demand Model (SJTDM). In addition to modeling purposes, updated household travel information can be used for other transportation planning projects such as high occupancy vehicle lanes, bicycle and pedestrian studies, welfare-to-work programs and development of traffic control studies.

Funding: \$117,711 FY 2011

Federal Aid Agreement: PL-11(051)

Project Manager: David Heller

Task 11 - 12/407: YEAR 2040 DEMOGRAPHIC FORECASTS

Background - SJTPO will be updating its demographic projections for use in the SJTPO Travel Demand Model and the SJTPO Regional Transportation Plan 2040. This study will include forecasts for each county. The technical approach is to include at least these three steps: data assembly, forecast, and scenario building.

These projections will utilize the latest available data from the US Census including CTP and the American Community Survey, the New Jersey Department of Labor, and any other sources that are relevant to constructing the most educated projection possible. Employment and population will be supplemented with information on commuting patterns and vehicle ownership. Forecast is to be extended to the year 2040 and will include figures for five year intervals. County figures will be disaggregated to the TAZ levels that are developed by the US Census. The forecast is to incorporate expected differences for population and employment growth or stagnation for townships in the region (using techniques such as moving average, etc.); these techniques are meant to enhance the scenario building effort. All assumptions and models used are to be clearly delineated so that projections can be easily duplicated

The scenario building process will produce a range of possible growth scenarios: upper, lower, and mid-range, with mid-range being the study's recommended benchmark. The projections will be accompanied by a descriptive rationale. A regional profile report will be constructed that will be a standalone document that includes historical trends and projections, and an analysis of daytime populations near employment zones.

Funding: \$50,000

Federal Aid Agreement: PL-11(051)

Project Manager: William Schiavi

Task 11 – 12/408: FY 2011 & FY 2012 SOUTH JERSEY MODEL DEVELOPMENT

Background: The South Jersey Travel Demand Model (SJTDM) came on line in mid-2000 after a protracted period of development and testing. Enhancements to the model were made during FY 2003 by integrating SJTPO's Household Travel Survey data into the SJTDM and improving the park-and-ride component of the mode-choice model. Further refinements were undertaken by NJDOT in 2006, which also yielded a program of recommended further improvements. These, and recommendations from a peer review to be conducted in FY 2010, will form the basis of the FY 2011 and FY 2012 SJTDM Model Development.

Further activities may include:

- Improved calibration and validation with more recent on-board surveys and traffic counts
- Upgrades to the ArcMap GIS interface
- Reconfiguration of transportation network in selected portions of SJTPO region.
- Improvements to the temporal model, the HPMS vs. model VMT fit, and casino and convention center characteristics, all of which were called out as high priority improvement needs in late 2003.
- Carrying out the recommendations of the FY 2010 Peer Review Program of recommended model enhancements
- Building off of existing models, as in the case of a recent evacuation simulation conducted by the New Jersey Institute of Technology (NJIT), to evaluate the current evacuation routes in place and test the effectiveness of various operational strategies to improve clearance times for evacuees in the case of a major storm event.

Funding: \$441,147 in FY2011 (from FY 2007) and \$119,118 in FY 2012 (from FY 2008)

Federal Aid Agreement: PL-11(051)

Project Manager: David Heller

NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

11-12/501: SOUTH JERSEY TRAFFIC SAFETY ALLIANCE

FY 2010 Highway Safety Grant Application Part V – dated 8/27/09

NOTE – The SJTSA FY2011 Grant Application will be added into the UPWP document when it is available in August 2010.

PROJECT DESCRIPTION – Formed in 1998, the South Jersey Traffic Safety Alliance is the regional traffic safety program for Atlantic, Cape May, Cumberland and Salem Counties. Under the auspices of the South Jersey Transportation Planning Organization, southern New Jersey’s metropolitan planning organization, the Alliance brings together traffic safety professionals from the fields of law enforcement agencies, education institutes, community and emergency services organizations, planning and engineering to develop region wide traffic safety programs, share successful practices, provide information and training, and support safety measurements in the South Jersey Transportation Planning Organizations planning process.

As the regional traffic safety program, the Alliance is responsible for coordinating efforts from county to county so that as residents and visitors move from county to county they take that message of safe driving with them, hear it on the radio, and see it in the form of posters and roadside banners, for example. The Alliance has also taken to producing its own brochures to ensure that each is comprehensive and can be used as a teaching guide.

In 2008, the Alliance changed from quarterly meetings to a Spring and Fall conference style one day workshop with breakout sessions. Because of the creation of two new community traffic safety programs in Cape May and Salem Counties, all four counties in the Alliance’s region will have local task forces. Thus, the Alliance’s role will change and focus more on training and participating with the local task force members to implement region-wide traffic safety programs.

Since the Alliance is not a law enforcement agency, we cannot do any law enforcement activities. Thus, the Alliance must rely on education and awareness to address issues and change behavior. However, the Alliance will continue to support law enforcement efforts with training and materials and coordinate efforts where possible.

PROJECT IDENTIFICATION

In the SJTSA region, the 112 traffic fatalities occurred in 103 fatal crashes involving 154 vehicles during 2007. The breakdown is 57 drivers, 25 passengers, 15 motorcyclists, 13 pedestrians and 2 bicyclists. The largest contributing factors were driver inattention (16% or 24) and unsafe speed (14% or 22), accounting for nearly 50% of the fatal crashes. **Thus, education and awareness needs to be directed to drivers about giving driving 100% of your attention and driving for the conditions.**

Taking a look at the types of motor vehicle fatalities according to the NJDOT's contributing circumstances categories, aggressive driving is the #1 concern contributing to 29% or 45 fatal crashes. Unsafe speed falls into this category, along with Failure to Obey Traffic Control Device, Failure to Yield ROW, Failure to Keep Right and Improper Passing. The other three categories are: driver inattention, poor driving and outside driver control. All of these issues, as well as seat belts, child restraints, and impaired driving are addressed as part of the **Defensive Driving** Curriculum the Alliance conducts around the region to the public. In 2009, we trained over 60 individuals. Although the classes are not as well attended as one would hope or expect, the Alliance will continue to provide this program because we feel it is important and it is self funding.

OCCUPANT PROTECTION

Crash data indicates that 47 of the 85 occupants killed in MV crashes fatalities were not using safety equipment. Interestingly, most fall into the 19 to 24 age category (11 out of 19) or are seniors over 65 (9 out of 18).

The Alliance has developed a positive relationship with local senior centers, AARP and the YMCAs in the area and continues to visit the various locations presenting education programs. From October 2007 to April 2009, seat belt education was presented to nearly 1,000 seniors. From April 2008 to April 2009, pedestrian safety was presented to nearly 500 seniors in the region. The Alliance anticipates continuing to present safety topics to seniors.

CHILD PASSENGER SAFETY – Although injuries and fatalities of young children is not an issues that rises to the forefront of traffic safety, the Alliance believes there is still a need for education and assistance with proper installation of child restraints. With over 2,000 crashes involving children under age 8 every year in the Alliance region and booster seat use only between 40 and 50%, the Alliance will focus its efforts on increasing booster seat use.

In 2006, the Alliance first analyzed crash data in the region in an effort to determine child restraint use. In 2008, the Alliance began to survey children in the elementary schools in an effort to determine booster seat use. Child seat use for children 1 to 4 has remained consistent above 80% and although booster seat use has increased since the new law went into effect in 2001 it remains low (40% and 58%) no matter which way you look at.

2008 BOOSTER SEAT USE PER SURVEYS – SJTSA REGION

• County	• Booster Use	• Pouch Use
• Atlantic	• 51%	• 21%
• Cape May	• unavail	• unavail
• Cumberland	• 57%	• 15%
• Salem	• 66%	• 21%
• Region	• 58%	• 19%

For 2010, the Alliance will continue to provide the materials (including packets home to mom and dad) and do booster seat presentations to gather booster seat data. The goal is for this to be an annual program for every kindergarden or first grade student in the region. As time goes on we would expect to see the statistics from crash data indicate an increase in booster seat use.

The Alliance will also continue with the **THINK SAFETY Traffic Law Infraction Notification for seat belts**. This is a warning ticket that reviews the primary law regarding seat belts and child restraints that we hope will be used in coordination with the booster seat education program above to promote booster seat use. The officers really seem to like these warnings as a way to implement education during a motor vehicle stop but not issue a ticket.

TWEENS - Although fatalities for tweens (8-12 year olds) was zero in the Alliance region, national statistics identify tweens at risk for not buckling up and for riding in the front seat. In 2008 and Jan to April of 2009, the Alliance presented seat belt education to over 5,700 tweens in the region. The program, titled **THINK SAFETY MYTH BUSTERS**, is a true or false test designed to facilitate dialogue. It includes a history on seat belts, proper use and fit, and video clips on backseat bullets and ejection from a vehicle. We envision continuing this educational program in 2010.

ADULTS - With the completion of the 2008 survey, the Alliance is confident that the large increase in seat belt use from 2006 (the initial) to 2007, is because the 2006 observations were completed in May and 2007 and 2008 were completed in April. The difference being an increase in out of state drivers in May who are unfamiliar with our primary seat belt law.

Although seat belt use in the region has increased to match or exceed the state and national averages, especially in Cumberland and Salem Counties, male usage still lags behind at 88% for drivers and 85% for passengers. To address this the Alliance will begin to gear radio spots toward men. We know they listen to the radio and will look for a male disk jockey to assist us.

DRIVER SEAT BELT USAGE

	2008	2007	2006
<i>National</i>	83%	81%	82%
<i>New Jersey</i>	92%	92%	86%
<i>SJTSA Region</i>	91%	* 88%	77%
Atlantic	91%	88%	80%
Cape May	87%	86%	67%
Cumberland	92%	87%	76%
Salem	93%	87%	78%

PASSENGER SEAT BELT USAGE

2008	2007	2006
81%	81%	n/a
92%	92%	n/a
93%	88%	n/a
94%	88%	n/a
87%	86%	n/a
95%	87%	n/a
95%	87%	n/a

** The increased 2007 driver rate is attributed to fewer out-of-region visitors in the survey. The 2007 surveys were conducted in April whereas the 2006 surveys were conducted in late May.*

TEENS - Every year as part of the survey, there is an add-on component. In 2007, it was a questionnaire to understand why people do or don't wear a seat belt, if distance makes a difference etc. This information is used in the educational presentations we do.

In 2008, the add-on component was seat belt use for teens. Observations of high school student drivers and passengers were tallied at ten area high schools identifying an 86% usage for drivers and passengers. Again, male usage is lower than females, 84% vs. 88% for drivers.

TEEN DRIVERS

Students were also surveyed on their knowledge of the Graduated Drivers License (GDL) law and their parents knowledge of the GDL law and associated restrictions. The result was a lack of knowledge by both. Thus the Alliance is working with the Egg Harbor Twp Police, Atlantic County Prosecutors Office and Egg Harbor Twp High School to pilot a parent presentation at night. The goal of which will be to work with local police to implement at all high schools.

Although the **Alive at 25 Parent Program** was first discussed, this group decided to create its own program with the driver education teacher addressing the driver education curriculum and school policies, local police addressing the GDL law, enforcement and statistics and the local prosecutors office addressing the parent's liability and criminal vs civil law suits.

The Alliance will continue to partner with local law enforcement to enforce the GDL laws and provide the **THINK SAFETY GDL Infraction Notice** that police mail home to mom and dad to notify them they have issued their GDL driver a motor vehicle summons. During 2009, (Jan – March) 15 departments were participating in the program: Avalon, N Wildwood, Middle Twp, Salem City, Longport, Wildwood, Lower Twp, Hamilton Twp, Somers Point, Linwood, Mullica Twp, Hammonton, Absecon, CMC Sheriffs Office, AC Sheriffs Office.

The Alliance will also continue to offer the **MOST DANGEROUS PLACE ON EARTH** presentation to high school students. This power point presentation includes crash photos of real crashes from the region and also addresses speed, distractions, and driving while impaired. Emphasis is placed on personal responsibility and respect for others in your vehicle and on the roadway. From October 2008 thru April 2009, this hart hitting presentation has been given to over 3,400 students and has garnered a following. Schools reach out to us to schedule the presentation.

Crashes with teen drivers continue to make up nearly 15% of all crashes in the region. However, in 2007, teen drivers were involved in fatal crashes rose from 10% to 15% of all fatal crashes. Additionally, fatalities for occupants in teen crashes, whether teens or not, increased by 50% from 2006 to 2007.

What is most interesting to note is that the average age of the teen is 18 or 19, which means they may not driving on a GDL license and may or may not fall within that statistic that says most teen crashes occur in the first 12 to 24 months of driving. Specifically, of the 15 drivers in fatal crashes, 7 are 18 years old and 5 are 19 years old while there is only one each of 15, 16 and 17 year olds.

+**THINK SAFETY – BICYCLE & PEDESTRIAN SAFETY**

For FY2010, the Alliance proposes to revert back to the two original emphasis areas, bicycle and pedestrian safety. Motorcycle use and crash statistics seem to have dropped off with the decline in gas prices while incidents with pedestrians and bicyclists and motor vehicles are on the rise.

Because of the budget issues, the Alliance is proposing to eliminate the aerial flights over the beaches, roadside banners and the radio advertising. Instead, the push will be to partner with more municipalities to help get the message out. Ideas include a THINK SAFETY billboard at each town's information center with brochures and posters inside, light pole vinyl letters with safety reminders for pedestrians like: make eye contact, cross with the light or cross with pedestrian signals, for example. High enforcement with the THINK SAFETY Warnings will also be pushed.

Due to time constraints we were unable to separate the data for previous years. Comparing totals, injuries for non-motorists is down significantly, from 325 to 296. Fatalities are only slightly down from 17 to 15. However, it is interesting to note that the state was only down 3 for the same period with much greater numbers (165 to 162). Since the trend for the region was already down, 581 to 325, it looks like something is having a positive effect in the region.

PROBLEM COUNTERMEASURES

I) OBJECTIVE – Bike and Pedestrian Safety

► To reduce non-motorist fatalities by 10% (from 30 to 27). The *THINK SAFETY* (TS) Campaign will be the slogan and a new message will be developed. The Campaign will run during the summer months of June, July and August.

+ STRATEGIES

1. To partner with local police to display TS around town and in the information centers.
2. To provide reflective items and brochures to members doing bike and pedestrian education.
3. To partner with schools to include TS around the school and provide bike and pedestrian safety information to the kids.
4. To approach at least 50 schools requesting to present the bike and pedestrian safety presentation to the kids and hang posters.
5. To use our new mascot SPLASH to distribute trading cards promoting bike and pedestrian and motorcycle safety.

II) OBJECTIVE – Seat Belts/Child Passenger Seats

► To decrease unbelted fatalities for 18-24 and over 65 age categories to less than half of the total fatalities in that age category.

► To increase booster use by 10% in each analysis (to 45%/survey and 65%/crash data).

► To increase seat belt use by male teens drivers by 4% (to 88%).

SEAT BELT USE STRATEGIES

1. To use the new task forces to promote the Buckle Up Stencil Program and paint exit driveways at high schools and hang posters inside the school.
2. To use the new task forces to promote Saved By The Seat Belt Club, especially at high schools and have the students (or SPLASH) induct them during morning announcements.
3. To provide brochures etc for members doing education.
4. To promote the Saved By The Seat Belt Club as a LE Challenge program and have the Police Chiefs and Mayors induct survivors during municipal meetings.
5. To partner with area colleges to address seat belt safety with students.

CPS STRATEGIES

1. To host 1 certification courses.
2. To continue to participate in and promote the monthly Fitting Stations around the region and participate in STATE FARMS CHILD SAFETY DAY and submit a grant for seats and supplies.
3. To provide brochures and Emergency ID Stickers for members doing cps education.
4. To use SPLASH to promote booster seat use with the kids.
5. To partner with the four Sheriff's to implement the Booster Seat Survey at the elementary schools and send the information packet home to mom and dad.
6. To partner with some of the larger day cares to promote booster seat use.

III) **OBJECTIVE** –Training and Workshops

- ▶ To provide training to Alliance members and traffic safety professionals.

STRATEGIES

1. To send all CPS Instructors in the region and at least 4 active technicians to the CPS Tri-State Conference.
2. To send 1 active member to the Lifesavers Conference.
3. To host 1 Workshop for Driver Education Teachers for feedback on their website, NJDETA.org.
4. To host a round table with behind the wheel drivers regarding information they would like to see on the NJDETA.org website.
5. To host other training as requested.
6. To send members to training as requested.

IV) **OBJECTIVE** – Teen Drivers

- ▶ To host at least four GDL information sessions for parents.
- ▶ To reduce teen crashes to 2006 figure.
- ▶ To reduce occupant fatalities in vehicles with teen driver by half.

STRATEGIES

1. To work to present THE MOST DANGEROUS PLACE ON EARTH to senior high school students during health class instead to sophomores during driver ed classes.
2. To partner with high schools to send information regarding the GDL home to mom and dad.
3. To address the high school superintendent about the importance of enforcing the GDL law on site and possibly attaching parking privileges to parental involvement.
4. To continue to work with local law enforcement to use the GDL Infraction Notification that they send home to mom and dad when they issue their GDL driver with a summons.
5. To get teens talking about traffic safety during morning announcements.
6. To partner with local law enforcement to do enforcement at exit driveways of high schools.

OTHER

1. To attend other meetings and make presentations as needed.
2. To produce and distribute Quarterly Newsletters, meeting agendas and packets.
3. To maintain and update website.
5. To purchase items as needed.

PERFORMANCE INDICATORS

The success of this project will come from the analysis of crash data to see if we met our quantitative goals.

+ MILESTONES

1. Submit grant application by April 20, 2009.
2. Schedule one Parent Program (GDL) by November 1, 2009.
3. Completed three Booster Seat Surveys by March 1, 2010
4. Schedule THINK SAFETY kick off by May 1, 2010.

EVALUATION

This project will be evaluated by measuring the extent to which the objective and strategies were accomplished. The Project Director will submit quarterly reports and a final report at the end of the project period.

The NJDHTS will administratively monitor and evaluate the project for performance standards

Project Title: South Jersey Traffic Safety Alliance

Project Number: CP 10 08 01 04 Agency: SJTSA

Current Project Period: 10/1/09 - 9/30/10

Current Grant Period: 10/1/09 - 10/31/10

Revised Project Period: No Change

BUDGET ITEM	BUDGETED AMOUNT	REVISION + OR -	REVISED BUDGET
A. Personal Services:	\$17,050.00	+ \$16,020.00	\$33,070.00
B. Contractual Services:			
C. Commodities	\$26,700.00	-\$26,700.00	
. Other Direct Costs			
. Indirect Costs			

JUSTIFICATION: SJTSA will take on the responsibility to subcontract and pay Instructors for the various Child Passenger Safety Technician training classes in Southern N.J., scheduled and sited at the direction of the State CPS Coordinator, so as to provide optimum opportunities for students from all areas in the region, and to coordinate teaching hours for all qualified CPS Instructors. These classes are to include up to 3 CPST classes at Lead/\$1250.00 per course, (2) Instructor/\$1125 per course. (\$10,500) Also include up to 3 classes of the One day Renewal or Refresher course at Lead Instructor/\$310 per course and (1) Instructor/\$280 per course.(\$1,770) CPS Instructors at per diem rate of \$250/day, allow for up to 15 days, to work at permanent Fitting stations in Southern region, to assist CPS Technicians with quality control issues and technical needs, as well as to be available at least once per month to assist with recertification needs, such as skills sign offs (\$3,750).

11 - 12/502:NEW JERSEY DEPARTMENT OF TRANSPORTATION
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

**If you have any questions or would like a hard copy of the
New Jersey Department of Transportation
State Planning and Research Management Systems
Work Program
Please Call: NJDOT Bureau of Statewide Planning
609-530-2884**

11-12/503: NEW JERSEY TURNPIKE AUTHORITY
NON-MPO-FUNDED TRANSPORTATION PLANNING ACTIVITIES

THIS SECTION WILL BE UPDATED UPON RECEIPT OF FURTHER INFORMATION ANTICIPATED IN
FEBRUARY 2010

SUBJECT: GSP Grade Separation at Interchanges 9, 10, 11

DBNUM: GSP 124A

DESCRIPTION: This project will provide for the preliminary planning and permitting for the proposed construction of grade separated interchanges at three at-grade, signalized intersections on the Garden State Parkway. The proposed work will include construction of overpass bridges at Interchanges 9, 10, and 11 to carry the Parkway over Crest Haven Road, Stone Harbor Boulevard (CR 657) and Shell Bay Avenue. Connector ramps for full access interchanges are proposed at Interchanges 10 and 11.

COUNTY (IES): Cape May

MUNICIPALITIES: Middle Township

SCHEDULE: Feasibility Assessment schedule to be completed by January 2008. Draft NEPA EA by April 2008. Preliminary Design and Permitting process scheduled to be completed in July 2009.

PRODUCT: Feasibility Assessment; Preliminary Design and Permitting

SUBJECT: GSP Mainline Widening from Interchange 30 – 80

DBNUM: GSP 133

DESCRIPTION: This project will provide for the preliminary planning and permitting for the proposed widening of the Garden State Parkway between Interchanges 30 and 80.

COUNTY (IES): Atlantic, Burlington, Ocean

MUNICIPALITIES: Various

SCHEDULE: Concept scope development has been completed. EIS/EA documentation and permit applications are anticipated to be completed in 2008. Final design for the widening from Interchanges 63 to Interchange 80 was initiated in 2005. Permits are anticipated to be approved by January 2009.

PRODUCT: Concept Scope Development; EIS/EA Documents; Permit Applications

SUBJECT: Commuter Parking Facilities - Needs Analysis

DBNUM: GSP 0701

COUNTIES: Various

MUNICIPALITIES: Various

DESCRIPTION: The purpose of this study is to compile existing data for all commuter parking lots along the Garden State Parkway and N.J. Turnpike mainline roadways, and then identify needs, expansion opportunities, potential new sites and other related improvements. The Turnpike Authority will be working closely with N.J. Transit on this assignment.

SCHEDULE: Study is expected to be completed in January 2009.

PRODUCT: Commuter Parking Facilities - Needs Analysis Report

FINANCIAL INFORMATION

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION FY 2011 - 2012 UNIFIED PLANNING WORK PROGRAM

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TABLE 3 - PROGRAMMED RESOURCES

TABLE 4 – FUNDING SOURCE SUMMARY

TABLE 5 – CENTRAL STAFF BUDGET

TABLE 6 – STAFF WORK PROGRAM – BREAKDOWN OF ESTIMATED TASK COSTS

TABLE 7 – SUBREGIONAL TRANSPORTATION WORK PROGRAM SUMMARY