

Piedmont Triad Rural Transportation Planning Organization
PLANNING WORK PROGRAM (PWP)

Program Description for July 1, 2011 to June 30, 2012

Introduction

Rural Planning Organizations, as authorized by General Statute are responsible for performing four core duties:

- Developing long range transportation plans for the region;
- Providing transportation related data to local governments;
- Developing and prioritizing projects for the TIP; and
- Providing a forum for public involvement in the transportation planning process.

The Planning Work Program (PWP) is the instrument by which the Piedmont Triad Rural Planning Organization (PTRPO) describes to the North Carolina Department of Transportation (NCDOT) how the PTRPO plans to carry out these functions over the coming fiscal year. The Piedmont Triad RPO Transportation Advisory Committee (TAC), Transportation Coordinating Committee (TCC), and lead planning agency staff have reviewed the planning goals and objectives in coordination with NCDOT Transportation Planning Branch staff to identify the focus of work for the coming year. Some tasks are ongoing, while other tasks have a more defined scope. After considering the amount of work necessary to complete the proposed tasks, an estimate of necessary funding levels has been developed for each category.

Program Summary, FY 2010-2011

II A. Surveillance of Inventory Data	\$ 19,616	15%
II B. Long-Range Transportation Plan	24,057	18%
III A. Planning Work Program	3,924	3%
III B. Transportation Improvement Program	5,924	5%
III C. Civil Rights Compliance & Other Regulatory Requirements	17,594	13%
III D. Incidental Planning and Project Development	40,400	31%
III E. Administration and Services	19,266	15%
Total	\$130,781.00	100.00%

II A. Surveillance of Inventory Data

Tasks within this category relate to the creation, collection, maintenance and enhancement of data sets provided by the RPO, NCDOT and others. The RPO provides this data to our members, other agencies and the public as requested in maps, databases and other formats as necessary.

Estimated Cost: \$19,616

15% of total budget

II-A-1. Traffic Volume Counts

Budget: \$235

- Collect, maintain and distribute current and historical sets of Average Annual Daily Traffic (AADT) data and maps
- Analyze count locations to identify and request new count locations to address local transportation planning needs with input from RPO members and the public
- Collect traffic counts from municipal sources to supplement NCDOT traffic counts
- Request project specific counts when required

Deliverables:

Current and historical AADT data maintenance and distribution, traffic count analysis, local traffic count data, special traffic counts

II-A-2. Status of Transportation Plans

Budget: \$234

- Maintain an inventory of existing transportation plans and those underway for the area
- Maintain digital regional thoroughfare maps and GIS data layers
- Prioritize needs for CTP plans and updates

Deliverables:

Inventory of transportation plans, regional transportation plan maps and GIS data, priority list of CTP plans and updates

II-A-3. Street System Inventory

Budget: \$700

- Coordinate with RPO members to maintain inventory of state and locally maintained roads within the RPO area including condition, speed limit and other characteristics
- Participate in the development of a pilot study to develop a statewide tool to convert locally maintained center-line data into a state data scheme
- Resolve discrepancies between local and state roadway information

Deliverables:

Local and State GIS street centerline, updated street system inventory data and maps, conversion standards and merged GIS centerline data

II-A-4. Traffic Accidents

Budget: \$1,522

- Collect and reconcile current crash data from NCDOT and local law enforcement agencies
- Maintain historical crash data
- Create and maintain digital GIS data related to crashes for analysis and project prioritization
- Analyze crash data related to corridor and comprehensive plans and upon local jurisdiction request
- Participate in TEAAS software training

Deliverables:

TEAAS training attendance; traffic crash maps and accident analysis reports; updated GIS databases; historical crash data

II-A-5. Transit System Data

Budget: \$1,525

- Coordinate with PART and local transportation service providers to maintain existing and proposed transit service inventories and maps
- Analyze regional transit services to determine potential expansion routes
- Collect and analyze commuter travel pattern data within the region
- Provide staff support for PART transit regionalization study
- Inventory characteristics and conditions of existing and abandoned rail lines
- Maintain data within the Locally Coordinated Plan and distribute upon request
- Attend PART and Transportation Advisory Board meetings
- Assist in the identification and development of park and ride locations

Deliverables:

Attendance at PART and TAB meetings; support materials for regionalization study; data distribution records; five-year transit plan materials; coordination of regional transit stakeholder group rail data; records of data distributions

II-A-6. Dwelling Unit, Population, and Employment Changes

Budget: \$5,000

- Distribute and analyze Census and American Community Survey data in support of transportation project development and planning tasks
- Participate in Intergovernmental Transportation Policy Advisory Committee census work group
- Assemble and analyze socio-economic, population, and employment data as it relates to transportation projects and planning efforts
- Assemble and analyze environmental justice data to use in transportation projects and RPO planning efforts

Deliverables:

Records and support materials for Census activities; data analysis; work group materials

II-A-9. Mapping/Data inventory

Budget: \$9,900

- Create, maintain and distribute maps and data related to transportation as requested by members, the public or NCDOT
- Collect, assemble and maintain existing and future recommended land use data from members
- Collect, assemble and maintain environmental and air quality monitoring data
- Collect, assemble and maintain Level of Service data
- Maintain existing scenic byway route data
- Map and analyze demographic and transportation related data for the Sustainable Communities Regional Plan
- Map and analyze travel survey results for transportation planning projects
- Maintain on-line mapping applications to display and share transportation data with members, the public and NCDOT

Deliverables:

Digital data and print records; on-line mapping applications; data distribution records

II-A-11. Bicycle and Pedestrian Facilities Inventory

Budget: \$500

- Maintain inventories of existing and planned bicycle and pedestrian facilities within the RPO area
- Maintain inventories of existing and planned sidewalk systems within RPO municipalities
- Collect and maintain existing and proposed regional trail locations
- Provide bicycle facility data to support Central Park Bicycle Plan
- Distribute bicycle and pedestrian data for transportation planning projects

Deliverables:

Digital data and print records; data distribution records

II B. Long-Range Transportation Plan (LRTP)

Tasks within this category are intended to build the competency and capacity of the RPO for long range transportation planning through the completion of specific projects.

Estimated Cost: \$24,057

18% of total budget

II-B-1. Collection of Data

Budget: \$3,312

- Assist in data collection for on-going Comprehensive Transportation Plans in Montgomery County and Stoneville

Deliverables:

Collected data; digital data and print records;

II-B-2. Collection of Network Data

Budget: \$1,015

- Assist in road, sidewalk, trail and transit networks data collection for on-going Comprehensive Transportation Plans in Montgomery County and Stoneville

Deliverables:

Collected data; digital data and print records

II-B-3. Travel Surveys

Budget: \$3,025

- Conduct surveys related to travel patterns for Comprehensive Transportation Plans in Montgomery County and Stoneville
- Map, analyze and summarize survey results for comprehensive transportation plans

Deliverables:

Survey results; digital data and print records

II-B-4. Forecast of Data to Future Year

Budget: \$1,005

- Review and validate future year data forecasts for Comprehensive Transportation Plans in Montgomery County and Stoneville

Deliverables:

Forecasted data; digital data and print records

II-B-5. Community Goals and Objectives

Budget: \$6,000

- Coordinate public involvement opportunities for updates to the Statewide Transportation Plan, Transportation Improvement Program and other initiatives
- Promote public involvement opportunities through various media outlets
- Validate community goals and objectives for comprehensive transportation plans in Montgomery County and Stoneville
- Participate in implementation of the Comprehensive Transportation Planning process
- Participate on the Integration Implementation Team
- Provide coordination between NCDOT and local governments in the transportation planning process
- Conduct community goals and objectives workshops and surveys related to CTP development in Montgomery County and Stoneville
- Provide support for Regional Sustainable Communities plan on behalf of the RPO

Deliverables:

Community goals and objectives; digital data and print records; sustainability plan work groups and planning materials

II-B-8. Highway Element

Budget: \$2,100

- Coordinate with adjoining MPOs regarding updates of LRTPs and CTPs where interaction with the RPO area is anticipated
- Analyze and maintain level of service data for RPO area
- Participate in Strategic Highway Corridor management and revision efforts
- Identify and prioritize roadway intersections and corridors for more detailed studies
- Conduct or participate in small area or corridor studies, including NC 14 in Eden; NC 65/87 in Wentworth and NC 24/27 in Montgomery County

Deliverables:

Highway data; digital data and print records; study documentation

II-B-9. Transit Element

Budget: \$2,100

- Coordinate with PART and local transit providers to conduct long-range transit planning within the RPO area
- Coordinate public and private transit provider stakeholder groups
- Identify natural regional transit service areas based on commuter and travel demands
- Complete coordinated human service transit plans for the RPO area
- Assist with the development of five-year transit plan for Randolph and Montgomery Counties (RCATS)

Deliverables:

Transit data; digital data and print records; Attendance at PART and TAB meetings; support materials for regionalization study; data distribution records; five-year transit plan materials and process review; records of data distribution and review

II-B-10. Bicycle and Pedestrian Element

Budget: \$1,100

- Coordinate with the NCDOT Division of Bicycle and Pedestrian Transportation to update county-level bicycle and pedestrian maps in the RPO area, including the Uwharrie Central Park regional bicycle map and the Carolina Thread Trail
- Provide technical assistance to successful bicycle and pedestrian grant applicants
- Conduct bike and pedestrian road shows in conjunction with comprehensive transportation plans
- Inventory and analyze existing sidewalk systems in conjunction with comprehensive transportation plans
- Promote participation in Safe Routes to Schools program in RPO communities
- Provide technical assistance to RPO communities to implement local Safe Routes to Schools action planning programs, infrastructure and non-infrastructure grant requests and implement projects if awarded

Deliverables:

Bicycle and pedestrian data; digital data and print records; safe routes to schools materials; bicycle and pedestrian road show materials

II-B-13. Rail, Water or Other Mode

Budget: \$2,100

- Coordinate with the NCDOT Rail Division and rail providers to identify corridors for rail trail conversions and rail with trail possibilities
- Coordinate efforts to restore passenger rail services to Lexington, NC including station development, crossing closures and related multi-modal enhancements
- Provide technical assistance for implementation of the depot district area plan and ARRA Grant in Lexington

Deliverables:

Rail system data; digital data and print records; planning documents

II-B-16. Congestion Management Strategies

Budget: \$1,300

- Coordinate with local jurisdictions and regional traffic safety offices to identify areas of concern and identify strategies to improve congestion
- Coordinate corridor studies to address access management and congestion management
- Coordinate implementation of CMAQ funded projects in qualifying areas
- Promote and encourage participation in the regional commute challenge

Deliverables:

Congestion data; digital data and print records; study documents and meeting materials; commute challenge materials and events

II-B-17. Air Quality Planning/Conformity Analysis

Budget: \$1,000

- Monitor maintenance and conformity regulations in applicable RPO counties for eight-hour ozone and PM 2.5
- Develop new projects for CMAQ funding for qualifying areas; monitor existing CMAQ project implementation
- Coordinate with the MPOs, PART, and effected member governments to assist in the planning and implementation of air quality improvement strategies
- Participate in early action compact advisory committee activities and meetings
- Participate in Triad mobile care meetings and activities
- Participate in SICM meetings and teleconferences
- Monitor changes to conformity requirements
- Keep member governments informed regarding air quality designations and conformity activities

Deliverables:

Air quality data; CMAQ applications and documentation; meeting notes and records

III A. Planning Work Program

The single task within this category relates to the documentation of the evolving work and focus of the RPO. The Planning Work Program reflects the RPO's organizational focus and categorizes of on-going work tasks.

Estimated Cost: \$3,924

3% of total budget

- Prepare a Planning Work Program (PWP) annually under the guidance of the Technical Coordinating Committee and Transportation Advisory Committee
- Present the PWP for approval to the Transportation Advisory Committee and the Transportation Planning Branch
- Review the PWP periodically throughout the year to insure that goals and objectives are being met, and to respond to changing RPO priorities
- Review and revise the five-year planning program calendar to insure that the goals and objectives are being met and to respond to changes in RPO priorities
- Prepare work program revisions as required

Deliverables:

Approved Planning Work Program and budget for FY 2010-11; Approved Five Year Planning Calendar

III B. Transportation Improvement Program

Tasks within this category relate directly to the identification and prioritization of transportation improvement projects within the RPO area on an on-going basis.

Estimated Cost: \$5,924

5% of total budget

- Coordinate on-going, meaningful public involvement in the TIP development process
- Track the outcomes and progress of proposed TIP projects within the RPO area
- Develop data suitable for inclusion in the Strategic Prioritization Office of Transportation database
- Participate in development of TIP data standards for all modes

- Maintain on-line TIP map and survey

Deliverables:

Current priority project lists; records of public involvement activities related TIP; project maps and data

III C. Civil Rights Compliance (Title VI) & Other Regulatory Requirements

Tasks within this category relate to the goal of integrating public involvement and context sensitivity into every aspect of the RPO transportation planning process.

Estimated Cost: \$17,594

13% of total budget

III-C-1. Title VI

Budget: \$500

- Translate documents and outreach materials into non-English languages as requested or required

Deliverables:

Translated documents; outreach materials

III-C-2. Environmental Justice

Budget: \$3,000

- Provide educational opportunities for RPO members about the complex issues related to environmental justice and context sensitive design
- Update pertinent data sets for use in transportation planning and decision-making
- Complete update of RPO Environmental Justice Data Scan; enhance with community based resource data

Deliverables:

Updated environmental justice data scan; meeting records; data and maps

III-C-3. Indirect and Cumulative Effects Analysis

Budget: \$1,000

- Continue integrating CTP outputs related to ICE into land use planning processes for member jurisdictions
- Provide data to NCDOT and other agencies necessary to conduct ICE analysis
- Continue acting as liaison to ICE integration team

Deliverables:

ICE integration team meeting records; land use data and maps

III-C-5. Planning for the Elderly & Disabled

Budget: \$3,000

- Coordinate with local and regional transit providers and the Area Agency on Aging to provide opportunities for public involvement in the transportation planning process directed toward older adults and populations with specialized transportation needs
- Coordinate with Area Agency on Aging to implement Senior Friendly Communities projects and conduct walkability audits as requested
- Coordinate with Area Agency on Aging to encourage involvements on human service transportation planning efforts and the regional sustainable communities plan

Deliverables:

Meetings records; data; presentations; audits

III-C-6. Safety Planning

Budget: \$1,000

- Implement LAB trainings with RPO region
- Develop and maintain on-line bicycle and pedestrian safety materials
- Develop safety data and statistics for RPO region

Deliverables:

Training records; training materials; statistics, maps and data; safety videos

III-C-7. Public Involvement

Budget: \$8,094

- Maintain and adhere to public involvement plan
- Publish and distribute two issues of the RPO newsletter
- Maintain and enhance RPO agency website and PedPower website to distribute information, receive feedback and communicate with stakeholders
- Provide transportation related information and/or data to citizens and local officials upon request
- Distribute press releases related to transportation planning projects and programs as needed
- Maintain list of local media outlets
- Implement strategies for effectively communicating with the local governments, the public and local communities about RPO transportation planning and projects

Deliverables:

RPO Update Newsletters; public involvement plan; up-to-date website; meeting notes and records; public outreach materials; media list; press releases

III-C-8. Private Sector Involvement

Budget: \$1,000

- Establish partnerships with local chambers of commerce to identify and address private sector transportation priorities
- Establish relationship with private transit providers, where in operation
- Encourage private sector involvement in the RPO region related to the regional sustainable communities plan

Deliverables:

Outreach materials; meeting records; private sector contacts

III D. Incidental Planning and Project Development

Tasks within this category relate to the unique role that the RPO plays within our region and illustrate the broad impacts of transportation on the built and natural environment.

Estimated Cost: \$40,400

31% of total budget

III-D-1. Transportation Enhancement Planning

Budget: \$1,000

- Track availability and application requirements for enhancement funds
- Coordinate with RPO members to identify and develop projects eligible for enhancement funding
- Provide data and technical assistance to apply for enhancement funds, including assistance with project implementation

Deliverables:

Enhancement funding information; eligible enhancement projects; records of project assistance

III-D-2. Environmental Analysis and Pre-TIP Planning

Budget: \$3,100

- Assist the Project Development and Environmental Analysis Branch to identify stakeholders and conduct project related public meetings and workshops within the RPO area as projects move in and through the Merger 01 process
- Participate as a merger team member for TIP projects in the NEPA process
- Identify key corridors for future studies with member and public input
- Identify potential projects and locations related to the implementation of EEP
- Build technical competencies to better provide assistance to RPO members
- Continue working with NCDOT to improve the integration of human and environmental context into the transportation and land use planning process as a member of the Integration Implementation Team

Deliverables:

Meeting data and records; merger meeting minutes; EEP eligible project data and records; IIT meeting records; training records

III-D-3. Special Studies

Budget: \$20,800

- Complete adoption activities for the corridor study on US 64/Dixie Drive in Asheboro
- Complete revision and update of Environmental Justice Data Scan with Census 2010 data
- Initiate complete streets inventories for RPO members
- Initiate special studies as requested by RPO members
- Maintain alternative funding website for non-TIP projects in cooperation with NCARPO
- Develop model access management ordinances
- Develop model scenic corridor protection tools (ordinances, policies, etc...)

Deliverables:

Corridor study adoption documents; environmental justice data scan; complete streets inventories; other special studies and reports; transportation answers website; model ordinances and tools

III-D-4. Regional or Statewide Planning

Budget: \$15,500

- Coordinate with other regional, state and federal agencies involved in transportation planning activities including NC I-73/74 Association, NADO, RPO America, NCSITE, NCAPA, AICP, ASSHTO, TRB, LAB and other state and national organizations
- Provide direct assistance to RPO peers to address performance concerns
- Coordinate planning projects with surrounding MPOs, PART, and RPOs
- Coordinate identification of urban/rural boundary with adjoining MPOs
- Participate in the Sustainable Communities Regional Plan process
- Participate in MPO association meetings as RPO liaison
- Participate in Transportation Intergovernmental Policy Advisory Group
- Participate in updates to the Strategic Highway Corridors within the RPO region
- Participate in update of statewide transportation plan
- Review and comment on changes to highway functional classifications

Deliverables:

Records of meetings, presentations; conferences and awards; special studies and reports; Committee meeting records; Association meeting records

III E. Administration and Services

This category relates to the on-going administrative responsibilities related to the RPO.

Estimated Cost: \$19,266

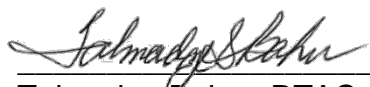
15% of total budget

- Provide direct support to the Rural Transportation Advisory Committee (RTAC), Rural Transportation Coordinating Committee (RTCC) and any sub-committees, including the preparation of meeting agendas and minutes,
- Conduct committee member training and outreach to member governments
- Prepare quarterly and annual progress reports documenting expenditures
- Periodically review and update the Prospectus, Memorandum of Understanding, Bylaws and other administrative agreements and procedures as needed

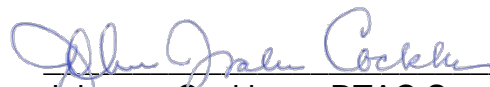
Deliverables:

Minutes and documentation of all official RPO meetings; quarterly reports and invoices; annual progress report; presentations; outreach materials; other documents and records as required or requested; update to the Prospectus

Approved by the Piedmont Triad Rural Planning Organization Transportation Advisory Committee on the 20th day of April, 2011.



Talmadge Baker, RTAC Chair



Johanna Cockburn, RTAC Secretary

Funding Sources, FY 2011-2012

Piedmont Triad RPO Local Match:	\$ 26,156
NCDOT Funding:	\$104,625
Total:	\$130,781

RPO Match Breakdown, FY 2011-2012

County	County RPO Population *	% of Total RPO Population	County Match
Caswell	23,571	6.77%	\$ 1,771
Davidson	94,785	27.21%	\$ 7,118
Montgomery	27,983	8.03%	\$ 2,101
Randolph	110,078	31.60%	\$ 8,266
Rockingham	91,878	26.38%	\$ 6,900
Total	348,295	100.00%	\$ 26,156

* Based on the State Demographer's 2009 certified county population estimates. This population estimate excludes municipalities and unincorporated areas under the jurisdiction of a Metropolitan Planning Organization (MPO) in Randolph and Davidson Counties.