

**CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM  
(October 1, 2010 –September 30, 2012)**

**Chattanooga-Hamilton County/North Georgia  
Transportation Planning Organization**

**UNIFIED PLANNING WORK PROGRAM**

October 1, 2010– September 30, 2012

**Prepared by**

**Chattanooga-Hamilton County**



The Chattanooga-Hamilton County/North Georgia Transportation Planning Organization is housed in the Chattanooga-Hamilton County Regional Planning Agency.

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Amended 08/21/2012

**CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM  
(October 1, 2010 –September 30, 2012)**

UNIFIED PLANNING WORK PROGRAM  
FOR  
TRANSPORTATION PLANNING  
IN THE CHATTANOOGA HAMILTON COUNTY NORTH GEORGIA AREA  
FY 2011 and FY 2012 UPDATE

PARTICIPATING AGENCIES

- The Chattanooga-Hamilton County/North Georgia Transportation Planning Organization
- The Chattanooga Area Regional Transportation Authority
- The Tennessee Department of Transportation
- The Georgia Department of Transportation
- The United States Department of Transportation
  - Federal Highway Administration
  - Federal Transit Administration

Prepared by

The Chattanooga-Hamilton County Regional Planning Agency  
Transportation Planning Organization

This report was prepared in cooperation with the United States Department of Transportation, the Federal Highway Administration, the Federal Transit Administration, the Tennessee Department of Transportation and the Georgia Department of Transportation.

**CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM  
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**ASSURANCE OF NON-DISCRIMINATION**

The Transportation Planning Organization, Chattanooga-Hamilton County Regional Planning Agency, a recipient of federal funds through the Federal Highway Administration and the Federal Transit Administration, does not discriminate in its program, activities, or employment policies; and procedures against qualified individuals because of race, sex, religion, age, national origin, or handicap. (Section 504, Part 27.15, Rehabilitation Act of 1973.) Office of Multicultural Affairs, 1110 Market Street, Suite 333C, Chattanooga, Tennessee 37402 (Telephone: 423-643-6706), will promptly and equitably resolve complaints alleging any discriminatory action.

Section 601 of the Title VI of the Civil Rights Act of 1964 states:

No person in the United States shall, on the grounds of race, color, or national origin, shall be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal assistance.

**CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM  
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Executive Office  
Development Services  
Transportation Planning Organization (TPO)

RESOLUTION OF THE CHATTANOOGA-HAMILTON COUNTY/  
NORTH GEORGIA TRANSPORTATION PLANNING ORGANIZATION  
TO APPROVE AN AMENDMENT TO THE  
2011-2012 UNIFIED PLANNING WORK PROGRAM (UPWP) FOR FY 2012

WHEREAS, the Chattanooga-Hamilton County/North Georgia Transportation Planning Organization is responsible for carrying out a comprehensive, cooperative, and continuing transportation planning process within the metropolitan planning area; and

WHEREAS, the implementation of Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) establishes expanded guidelines for transportation planning; and

WHEREAS, no planning activities can be funded by Federal sources until they have been included in the Unified Planning Work Program; and

WHEREAS, there is a need to revise the UPWP to reflect funding changes to UPWP tasks and address minor changes within the tasks; and

WHEREAS, public participation has been conducted according to the adopted Participation Plan;

NOW, THEREFORE, BE IT RESOLVED that the Chattanooga-Hamilton County/North Georgia Transportation Planning Organization (TPO), the forum for cooperative decisionmaking, does hereby approve an amendment to the 2011-2012 UPWP for FY 2012 for the Chattanooga-Hamilton County/North Georgia Transportation Planning Organization (TPO).

RESOLUTION APPROVED:  
  
Chattanooga City Councilman Manuel Rico  
Chair, TPO Executive Board

DATE: 8/24/12  
  
John Bridger  
Secretary, TPO Executive Board

# CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

## ACRONYMS GLOSSARY

ADA	Americans with Disabilities Act of 1990
CARTA	Chattanooga Area Regional Transportation Authority
CDR	Conformity Determination Report
CHCNGA	Chattanooga-Hamilton County/North Georgia
CHCRPA	Chattanooga-Hamilton County Regional Planning Agency
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Process
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year
GAC	Georgia Advisory Committee
GDOT	Georgia Department of Transportation
GHG	Greenhouse Gases
GIS	Geographical Information Systems
ICC	Interagency Air Quality Consultation Committee
IMTF	Incident Management Task Force
ITS	Intelligent Transportation System
L RTP	Long Range Transportation Plan
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
O&D	Origin and Destination
PM2.5	Fine Particulate Matter (2.5 microns) ppm parts per million
RFQ	Request for Qualifications
RFP	Request for Proposals
RPA	Regional Planning Agency
RPO	Rural Planning Organization
SAFETEALU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SETHRA	Southeast Tennessee Human Resources Agency
TCC	Technical Coordinating Committee
TDEC	Tennessee Department of Environment and Conservation
TDOT	Tennessee Department of Transportation
TIP	Transportation Improvement Program
TPO	Transportation Planning Organization
TPR	Transportation Planning Report
TRIMS	Tennessee Roadway Information Management System
UPWP	Unified Planning Work Program

# **CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)**

## **INTRODUCTION**

The Metropolitan Planning Organization (MPO) is responsible for coordinating the transportation planning activities for the Chattanooga-Hamilton County/North Georgia area. The MPO for this area will be known as the Chattanooga-Hamilton County/North Georgia Transportation Planning Organization (TPO). Responsibility for the planning activities governed by the TPO will be administered and staffed by the Chattanooga-Hamilton County Regional Planning Agency (RPA) in the following divisions: Administration, Strategic Long Range Planning, Plan Implementation, and Information and Research.

The Transportation Planning Process is a vital part of the overall planning for Chattanooga, Hamilton County, & the North Georgia areas. The process is based on the development of the Unified Planning Work Program (UPWP), prepared and approved annually. The UPWP identifies transportation planning activities to be undertaken for a two-year period. This time period follows the Federal Fiscal Year from October 1<sup>st</sup> through September 30<sup>th</sup> in both Tennessee and Georgia. The responsibilities of member agencies of the TPO are outlined in a Memorandum of Understanding (MOU) approved by each member. The Chattanooga Urban Area is comprised of Hamilton County, Tennessee, its municipalities, and the northern portions of Dade, Walker, and Catoosa Counties in Georgia with their municipalities. Contained herein is the updated two-year UPWP for fiscal year 2011 and 2012.

This UPWP was developed in cooperation with the State(s) and public transportation operators and outlines transportation planning activities performed by the Tennessee Department of Transportation (TDOT), the Georgia Department of Transportation (GDOT), the Chattanooga Area Regional Transportation Authority (CARTA), and the TPO. The RPA, as staff to the TPO, performs its activities through contracts with TDOT and GDOT.

On August 10, 2005, President George W. Bush signed the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). SAFETEA-LU authorizes the federal surface transportation programs for highways, highway safety, and transit for the 5-year period 2005-2009. In 2010 and 2011 continuing resolutions of SAFETEA-LU have been passed to extend this legislation. The RPA will make amendments as necessary to the UPWP and other required planning documents to be in keeping with federal transportation funding priorities and legislation.



## CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

The UPWP is divided into seven distinct tasks. These tasks detail the specific projects to be carried out by the participating agencies.

- Administration
- Data Collection, Analysis and Modeling
- Public Participation
- Multimodal Planning
- Public Transit Agency Planning
- Air Quality/Congestion Planning & Emissions Modeling
- Regional (Mid/Long-Range) Transportation Planning

The tasks identified above reflect a modification from the previous Board Approved August 17, 2010 Chattanooga UPWP task list. Notable changes include:

- 1) Modeling has been added to Task 2: Data Collection, Analysis and Modeling. Previously Modeling was contained in Task 7: Regional (Long Range) Transportation Planning & Modeling.
- 2) Task 5: Public Transit Agency Planning was previously Task 5: Public Transit Planning. Many of the projects/subtasks have been moved to Task 4: Multimodal Planning.
- 3) Previously Task 4: Multimodal Planning included TIP related projects. These have now been moved to Task 7: Regional (Mid/Long-Range) Transportation Planning.

Key projects in the Fiscal Year 2011 UPWP (Oct. 1, 2010– September 30, 2011) include:

- Air Quality Preparation for Ozone Conformity (potential new agreements).
- Data and Modeling Support for SIP for Air Emissions Budgets.
- Biennial Travel Time Study.
- O&D Updates: Household Diary/Travel Survey & External Travel Survey
- Regional Freight Study/Evaluation.
- Mode Split & Mode Choice Model Integration into Travel Demand Model.
- CARTA Onboard Survey & Ridership Study.
- 2010 Bicycle and Pedestrian Counts Data evaluation, preparation, and analysis.
- Scenario Planning for Proposed TN River Bridge Toll Facility.
- Livability/Sustainability Initiative: Regional Land Use and Transportation Plan Coordination, Participation, and Integration for 2040.
- Development of a Performance Based Transportation Improvement Program Selection Process: Criteria, Scoring, and Evaluation.
- High-speed Rail/Mag-Lev Corridor Coordination/Planning.
- Climate Change Research and Peer Review for Green House Gas Emissions Reduction/Modeling.
- Training and Continuing Education.

Key projects in the Fiscal Year 2012 UPWP (Oct. 1, 2011– September 30, 2012) include:

- Air quality conformity for Ozone.
- Finalize Mode Split and Mode Choice Model.
- Continue Bike/Ped Data Collection/Analysis.
- Biennial Amendment to LRTP/Conformity/TIP.
- Continue Livability/Sustainability Initiative: Regional Land Use and Transportation Plan. Coordination, Participation, and Integration for 2040.
- Continue High-speed Rail/Mag-Lev Corridor Coordination/Planning.
- Continue Climate Change Research and Peer Review for Travel Demand Model, Land Use Model and Green House Gas Emissions Reduction/Modeling.
- Develop Regional Land Use Scenario Planning Model.
- Complete Socioeconomic Data 2010 Base Year and 2040 Projections.
- Begin 2040 Regional Transportation Plan planning process.



## **CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)**

- Peer Review Project - Expert panelists provide review and critique of data sets, components, and analysis to be included in the Scenario Land Use and Transportation Travel Demand Models for the 2040 Regional Growth and Transportation Plan.
- Transit Development Plan – using the On-Board Survey results analyze operational improvements, best practices associated with land use policies, and make recommendations to promote increased future ridership.
- Preparations of RFPs/RFQs for 4-year consulting work order agreement for transportation services.
- Research and prepare program scope for a Green Transportation trips program through application to CMAQ as part of the Travel Demand Management strategies of our CMP.
- ITS Architecture Review/Update as specified in the Architecture plan document.
- Training and Continuing Education.

## CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

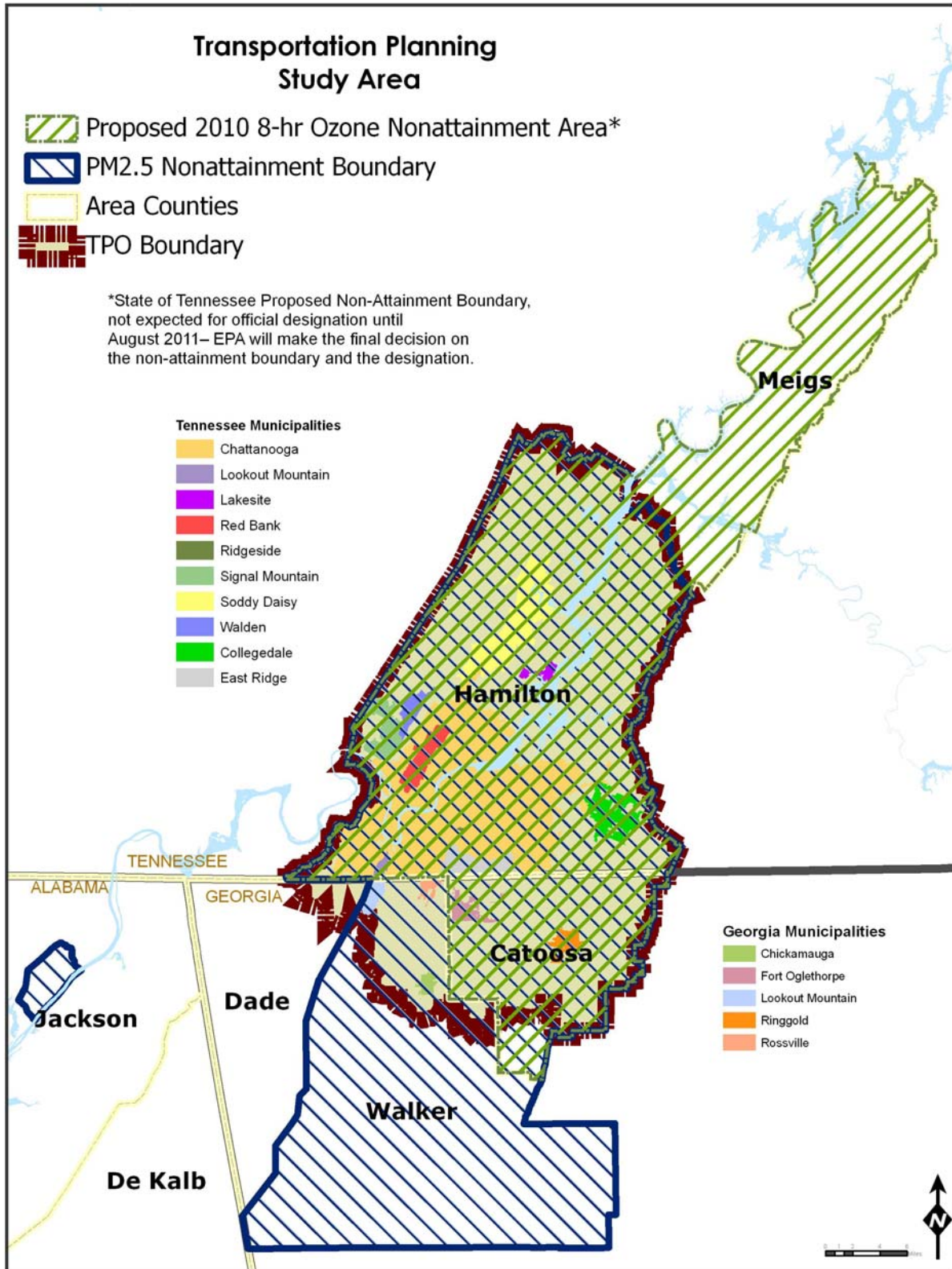
As an annually updated program of activities, which has an immediate impact on the transportation system and projects in the region, it is essential that the TPO inform and involve the public in setting the priorities in the UPWP. As part of the UPWP process, the TPO emphasized that information be distributed in a timely manner and that information be accessible to the public. The UPWP is provided on the TPO website for immediate and continued review of all Transportation Planning Activities. The TPO utilized the following process for the development of the UPWP. All comments received from the public will be included in the appendix of this document.

<b>UPWP Process Activity</b>	<b>Jan.</b>	<b>Feb.</b>	<b>Mar.</b>	<b>Apr.</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug.</b>
Notice and Discussion of UPWP Development & Potential Activities	♦	♦						
Development of Draft			♦					
Submission of Draft to Partners				♦				
Review by Partners & TCC				♦	♦			
Draft Approved by Partners and Post for Public Comment						♦		
TCC Hearing/Recommendation of Approval							♦	
Board Hearing/Approval								♦

Note: The Board Approved UPWP must be submitted no later than August 29, 2011 to TDOT.

# CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

## MAP OF TPO STUDY BOUNDARIES



# CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

## **TASK 1 ADMINISTRATION**

**TASK PURPOSE:** To conduct the continuing, cooperative, and comprehensive transportation planning activities consistent with approved plans, namely the Chattanooga-Hamilton County/North Georgia Long-Range Transportation Plan and the urban area's comprehensive general plan, and ensure that all transportation planning projects meet federal and state requirements. The TPO is taking new approaches to better coordinate and provide opportunity to integrate livability, sustainability, and land use planning within the metropolitan planning area into the Unified Planning Work Program in an effort to plan transportation activities in a manner that reflects community need, character, and function.

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency (RPA) Administration, Tennessee Department of Transportation (TDOT) Long Range Planning Division and Multimodal Transportation Resources, Georgia Departments of Transportation (GDOT)

### **PREVIOUS WORK:**

- The above-mentioned agencies have administered the local planning activities on a continuing basis.
- Necessary capital purchases.
- The UPWP was developed, quarterly reports submitted, and training on various transportation issues was achieved.
- Administered meetings of TPO Board and Technical Coordinating Committee (TCC).
- Coordinated with the Rural Transportation Planning Organization (RPO).
- Coordinated with various agencies and organizations on needed transportation activities and programs.
- Administered Contracts, provided fiscal management oversight.

### **STUDY DESIGN:**

- Develop and administer transportation planning contracts and work assignments, coordinate activities and hold meetings of the TPO Board and TCC, and provide technical data upon request.
- Capital purchases - computers, audio visual equipment, technical equipment to carry out functions relative to other UPWP tasks, software, communications equipment, and other equipment as needed and/or required. When needed software is found, this UPWP will be revised to permit purchase of such software & supply needs if the total costs exceed \$8,000/FY; otherwise, lesser costs will be an integral part of this task and this cost includes existing maintenance agreements for transportation software packages. However, these maintenance charges are shown separately under "Equipment Rental and Maintenance" in the contract grant budget.
- Preparations of RFPs/RFQs for 4-year consulting work order agreement for transportation services
- Coordinate with the Southeast TN RPO on neighboring projects.
- Administration of quarterly Georgia Advisory Committee (GAC).
- Develop, document, and distribute quarterly and annual reports on the progress of transportation planning activities.
- Develop and provide input on the UPWP for TPO Executive Board adoption and submittal to TDOT, GDOT, FHWA, and FTA.
- Amend as appropriate documents to conform to any new transportation legislation.
- Prepare amendments to the UPWP as necessary and as required.
- Continue work with interested organizations, agencies, and local/state governments to promote a cooperative and open transportation planning process.
- Contract with or hire Certified Public Accountant for budget and contract oversight.
- Travel and attend workshops, seminars, conferences and committee meetings as necessary and as required to receive training in federal/state regulations, information exchanges, professional development, and continuing education. Dates shown reflect the federal fiscal year. These workshops and conferences include, but are not limited to the following:

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- ✓ Association of Metropolitan Planning Organizations (AMPO): Annual AMPO Conference (2012 will be held in Dallas, TX), Georgia AMPO Meetings (location within the State of GA), and Biannual AMPO Air Quality Workgroups (location of these is usually out of state and undetermined at this time).
- ✓ FHWA and FTA Sponsored Training: FHWA and FTA sponsor a variety of training programs on Air Quality, the Metropolitan Planning Organization Process, Congestion Management, Operations and Management, Intelligent Transportation Systems (ITS), Livability/Sustainability/Climate Change Planning, Travel Demand Modeling, Performance Based Planning and Transportation Improvement Project Selection, Public Participation, Multimodal Planning such as bicycle and pedestrian integration, Incident Management, Transit Planning, Freight Planning, and grants management (location of these is usually within the region, but may be outside of the state and is undetermined at this time).
- ✓ TN/GA State Sponsored Training: Periodically the States of GA and TN will host seminars and other training/professional improvement events within their respective states. These events include, but are not limited to Grant Management, Public Participation/Facilitation, Planning Process Improvements, Air Quality updates, Model User Groups, ITS and Incident Management groups, Environmental/Livability/Climate Change workgroups and seminars, and multimodal activities such as walking/biking audits.
- ✓ American Public Transportation Association (APTA): Annual Meeting (location for 2012 will be held in New Orleans, LA) and Focus Topic Seminars (locations are various and usually out of state).
- ✓ American Planning Association (APA): Annual Meeting (location is usually out of state and undetermined at this time), TN and GA APA Chapter Meetings (location within TN/GA), Focus Topic Seminars and Workgroups (locations are various and usually out of state).
- ✓ Annual Transportation Research Board (TRB) Meetings and Workgroups (location of these is usually out of state 2012 will be in Washington, D.C.).
- ✓ Tools of the Trade (location is usually out of state, 2012 will be held in Montana).
- ✓ Bicycle and Pedestrian Conferences: National Bike Summit (location is Washington, D.C.), ProWalk ProBike (location is usually out of state and is undetermined at this time), National Safe Routes to School (location is usually out of state, 2012 will be in Minneapolis), Association of Pedestrian and Bicycle Professionals (APBP) Seminars and Workgroups (locations are various and usually out of state).
- The Long Range Planning Division/TDOT - The Long Range Planning Division will work jointly with the urban area to establish the administrative and technical procedures required, prepare contractual agreements as required, attend all study meetings, distribute special and annual reports and study documents, review and analyze individual transportation planning projects and studies, and undertake general administrative activities.
- Multimodal Transportation Resources Division/TDOT - Multimodal Transportation Resources will administer correspondence and telephone contacts regarding river transportation, urban public transit, rail service, ridesharing, and transportation systems management. Representatives of this office will participate in MPO meetings; distribute federal guidelines and requirements; conduct seminars and work sessions; provide advice and assistance concerning feasibility of river transportation development; review study documentation and reports; administer funds for port development. This office will coordinate FTA's Section 5303, 5310, 5307 and 5309 programs in Tennessee.
- GDOT Planning - Work jointly with the MPO/RPA to develop UPWP and prepare contract agreement as required. Assist in the administering of the transportation planning contracts and

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planning procedures required and attend MPO meetings. Coordinate the participation of other offices of GDOT as needed or required. Review and analyze individual transportation planning projects and studies. Attend workshops, seminars, and conferences as required to receive training in federal and state regulations and for information exchanges, professional development, and continuing education.

### PRODUCTS & SCHEDULE:

- |   |                       |
|---|-----------------------|
| • Prepare RFPs/RPQs for consultant services           | June 2011-Oct 2012    |
| • Coordinated Transportation Planning Process         | Continuous            |
| • Ongoing Transportation Planning Program (TDOT/GDOT) | Continuous            |
| • Quarterly progress and billing reports              | Nov, Feb, May, Aug    |
| • Annual Report                                       | Dec                   |
| • UPWP FY 2013 and FY 2014                            | Jan-Feb               |
| • Meetings of the TCC/Executive Board                 | Monthly               |
| • Contract administration                             | Annually/As Necessary |
| • Study documents                                     | Continuous            |
| • Training & guidelines                               | As needed             |
| • RPO meetings  | Quarterly             |
| • Georgia Advisory Committee (GAC) meetings           | Quarterly             |
| • Capital purchases (as outlined)                     | As Necessary          |

### **FY 11 ADMINISTRATION BUDGET: \$332,641**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303	TDOT	TPO	5307	TDOT	TPO	
1 Admin	18,655.20	4,663.80	111,823	27,956	79,440.97	19,860.24	56,194	7,024	7,024				\$332,641

### **FY 12 ADMINISTRATION BUDGET: \$ 215,034**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303*	TDOT*	TPO*	5307	TDOT	TPO	
1 Admin	18,935	4,734	92,867	23,217	32,392	8,098	27,833	3,479	3,479				215,034

# CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2010 –September 30, 2012)

## TASK 2 DATA COLLECTION, ANALYSIS, AND MODELING

**TASK PURPOSE:** To collect transportation data, inventory transportation data, and monitor transportation systems for all modes of transportation as well as gather information on transportation/land use related activities to ensure that all transportation plans, programs, and projects are based on the most accurate information and data projections available. Data will be incorporated into the Travel Demand Model and, where applicable, the land use model.

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency (RPA) Information and Research division- Project Lead, RPA Plan Implementation, Strategic Long Range Planning, Administration (coordination and team members), CARTA, Tennessee Department of Transportation Project Planning Division, and Georgia Department of Transportation.

### **PREVIOUS WORK:**

- Traffic volumes have been collected at three (3) permanent and 535 annual cycle count stations plus 154 additional counts on the Interstate ramps. Special count data collected for design projects as required. Accident data from Tennessee Department of Safety coded and filed. High hazard accident data furnished for safety studies as needed.
- Special count data collected for design projects as required.
- Consultant completed Origin & Destination (O&D) Data Collection: External Traffic Survey, Updated Traffic Counts for 2010 & Household Diary/Travel Survey.
- Land Use and Building Permit Data update and maintenance.
- Biennial Travel Time Study Data was collected (these will be collected again Oct 1- Dec 31 2012).
- Completed the Functional Classification System of Streets with TDOT.
- Maintained data repository.
- Peer Review Project - Expert panelists provide review and critique of data sets, components, and analysis to be included in the Scenario Land Use and Transportation Travel Demand Models for the 2040 Regional Growth and Transportation Plan.

### **STUDY DESIGN:**

- Collect information as necessary pertaining to traffic, transit activity, intermodal activities, CMP data collection/travel time and speeds, pedestrian and bicycling counts, and the type and magnitude of the movement of goods by trucks, railroads, and waterways.
- Collect information on accidents.
- Conduct any necessary transportation modeling to ensure that the LRTP meets the requirements of the Clean Air Act.
- Continue Bike/Pedestrian data collection and analysis.
- Consultant and RPA undertaking Origin & Destination (O&D) Data Analysis from the completed External Traffic Survey & Household Diary/Travel Survey.
- Complete Socioeconomic Data 2010 Base Year and 2040 Projections.
- Develop Regional Land Use Scenario Planning Model.
- Finalize Mode Split and consider options for Mode Choice/Nonmotorized model revisions.
- ITS Architecture Review/Update as specified in the Architecture plan document.
- Begin integration of land use and transportation planning through scenario planning studies and modeling with CommunityVis.
- Collect information that is needed for traffic forecast models and data used for the Congestion Management Process. Coordination between Tennessee and Georgia will be maintained for the use of transportation data in the forecasting model and other design studies.
- Continue participation in the Census Transportation Planning Program and prepare/analyze 2010 Census Data.

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- Continue to collect, monitor, and analyze building permits, subdivisions, zoning and other land use data including inventories and reports of the characteristics of the MPO study area's population, socio-economic, projections and land use data.
- Continue to maintain data repository.
- Maintain and improve website.
- TDOT - Continue to collect traffic count data at three (3) permanent and 535 annual cycle count stations plus 154 counts on the Interstate ramps. Conduct special traffic counts as needed for planning and design projects. Maintain accident file and furnish high hazard listings and other safety data as required. Travel time studies will be conducted if needed for special studies.
- GDOT - Update and maintain present traffic count database for the Georgia portion of the study area. Provide special traffic counts, vehicle miles of travel data, and accident information as requested. Involve the participation of other offices of GDOT as needed or required.

### PRODUCTS & SCHEDULE:

- |   |  |
|---|--|
| • 2040 Travel Demand Model Preparation  | Begin Aug - Oct 2011                       |
| • Complete Socioeconomic Data 2010 Base   | Oct 2011                                   |
| • Complete Socioeconomic Data 2040 Projections  | Aug 2012                                   |
| • Develop Regional Land Use Scenario Planning Model   | Dec 2011-Aug 2012                          |
| • Address incorporation of Mode Choice/Nonmotorized into Model  | Oct 2011-Sept 2012                         |
| • Finalize mode split in Travel Demand Model  | Oct 2011 – Mar 2012                        |
| • Data Repository   | Continuous                                 |
| • Maps of transportation data   | Continuous                                 |
| • Pedestrian and Bicycle Data   | Seasonal                                   |
| • Updated data for TDOT TRIMS File  | Continuous                                 |
| • Average Daily Traffic   | Permanent data collected & computed weekly |
| • Peak hour volume  | Annual cycles January – April 2013         |
| • Vehicle classification, directional distribution  | Special counts As Needed                   |
| • Vehicle miles of travel (VMT) data on functionally classified systems, high hazard lists, collision diagrams, and other accident data | Accident data coded & stored daily         |



**CHATTANOOGA TWO-YEAR UNIFIED PLANNING WORK PROGRAM  
(October 1, 2010 –September 30, 2012)**

**FY 11 DATA COLLECTION/SURVEILLANCE BUDGET (FY 2011 UPWP Task Name): \$93,650**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303	TDOT	TPO	5307	TDOT	TPO	
2 Data	15,560.00	3,890.00	28,352	7,088	15,008.00	3,752.00							\$73,650
Travel Time			12,800	3,200	3,200.00	800.00							\$20,000

**FY 12 DATA COLLECTION, ANALYSIS AND MODELING BUDGET: \$ 296,740**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303*	TDOT*	TPO*	5307	TDOT	TPO	
2 Data	15,792	3,948	56,000	14,000	8,000	2,000							99,740
Consulting Support: Travel Demand Model			37,600	9,400	88,000	22,000	32,000	4,000	4,000				197,000

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## **TASK 3 PUBLIC PARTICIPATION**

**TASK PURPOSE:** Provide continuously updated resources and information to ensure public awareness and participation in the transportation planning process.

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency (RPA) Strategic Long-Range Planning- Lead, TDOT, GDOT and CARTA.

### **PREVIOUS WORK:**

- Coordinated public participation activities for all plans and programs.
- Provided Title VI Report & Self Certifications.
- Updated Website.
- Revised the Participation Plan.
- Completed translation activities for meeting notices and public input events.
- Began Education Campaign (Workshops on TIP projects/development, Special Presentation(s) by TDOT and other state agencies).

### **STUDY DESIGN:**

- Update the Participation Plan (PP) document as needed to reflect an effective public participation process.
- Update and maintain a mailing list of the modal groups and stakeholders.
- Prepare self certifications and the Annual Title VI report as specified by TDOT/GDOT. Prepare triennial Title VI Report along with CARTA for FTA.
- Continue to ensure that all transportation planning activities are consistent with the requirements of Title VI and Environmental Justice issues.
- Continue to update the transportation website.
- Evaluate effectiveness of Participation Plan through on-going evaluation.
- Using newly released 2010 Census data, undertake Disadvantaged Communities Assessment.
- Continue Education Campaign. The purpose of the Education Campaign is to engage the TPO Technical Coordinating Committee (TCC) in transportation planning related topics that they are interested in learning about. The idea is that by offering these special workshops and having special presentations at TCC meetings the committee members are up to date in all transportation planning processes and issues to be able to make more informed decisions during the TCC meetings.
- Attend and participate in transportation related public and interagency meetings to ensure the coordination of the Long Range Planning goals.
- Represent the TPO in community meetings to explain its relationship to the overall transportation planning activities.
- Publicize the Annual Listing of Obligated Projects. This list is to be published or otherwise made public no later than 90 days after the end of the program year.
- Amend as appropriate the PP document to conform to the new transportation legislation.
- Continue to utilize visualization techniques including GIS mapping in the development and application of public involvement activities.



# CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

## **TASK 4 MULTIMODAL PLANNING**

**TASK PURPOSE:** Coordinate the activities of the various modal agencies, develop studies consistent with the goals and objectives of the Long Range Transportation Plan (LRTP) for the region and update specific transportation projects that are part of the Long Range Transportation Plan. Furthermore, activities of this task category will provide technical analysis and ensure compatibility with comprehensive land use plans and small area plans within the Chattanooga Urban Area.

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency (RPA) Plan Implementation and Strategic Long-Range Planning- Lead, TDOT, GDOT and CARTA.

### **PREVIOUS WORK:**

- Developed a fully functional Transportation Improvement Program database with GIS visualization techniques.
- Processed Amendments and Adjustments to the TIP in Tennessee and Georgia.
- Conducted call for projects and selection process for the Surface Transportation Program (STP/Q23) for the FY 2011-2014 Transportation Improvement Program. The process utilized project and systems level evaluation from the new 2035 LRTP in order to adequately prioritize and fund quality transportation projects.
- Prepared the annual listing of obligated projects for TN, GA, and CARTA.
- Prepared the new 2011-2014 TIP.
- Continued participation in TDOT's TPR for Bonny Oaks Drive.
- Coordinated with various groups in Georgia and Tennessee on Safe Routes to School programming.
- Completed the Regional Bicycle and Pedestrian Plan as a supplement to the 2035 LRTP and coordinated various bicycle and pedestrian activities including administration of the Bicycle Task Force which was renamed to the Bicycle & Pedestrian Task Force, development of a bicycle zone for presentation at the ProWalk/ProBike conference, and participated in the Greenway Task Force meetings.
- Administered the meetings of the Georgia Citizen's Advisory Committee.
- Coordinated and provided necessary materials to facilitate the Atlanta-Chattanooga-Nashville High Speed Rail Corridor.
- Participated in TDOT's I-75 Corridor Study.

### **STUDY DESIGN:**

- Continue freight planning utilizing newly established Freight Stakeholder Committee from recently completed Regional Freight Study (formerly under Task 7).
- Continue effort on transportation studies for areas within the TPO boundary. These studies will look at refining information from the LRTP to a more detailed sub-area analysis and attempt to better integrate land use and transportation planning. Slated sub-area studies include, but are not limited to Bonny Oaks, Highway 58, Brainerd Road and Apison Pike corridor areas as well as the redevelopment area of U.S. Pipe/Wheland Foundry site.
- Continue exploration of Feasibility & Alternative Funding for providing regional public transportation.
- Coordinate with interested parties on park-n-ride concerns and continue assistance in the planning and programming of the 30 Station Regional Bike Share Program managed by CARTA and Outdoor Chattanooga and funded through CMAQ monies which were flexed to FTA.
- Conduct, coordinate, and assist in various mass transportation opportunities such as passenger rail, exploration of bus rapid transit, and High-speed Rail.
- Continue necessary planning and evaluation for adding "mode choice" (walking and bicycle trips) to the travel demand model.

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- Provide available funding amounts and project status information regarding programmed projects. This includes the identification of transportation improvements recommended for a four-year period.
- Staff will assist member agencies/jurisdictions with preparation of applications for enhancement and other transportation related grants. Staff will review and present these for TPO action or endorsement. Selected and approved projects will be incorporated into the LRTP and TIP as necessary
- As a part of ongoing efforts throughout the study area, the TPO will coordinate with various stakeholders, state and federal agencies to coordinate any activities involving water, rail and air and its impact on the transportation system.
- Continue multimodal efforts such as the integration of bicycle/pedestrian, light/high-speed rail planning, and public transportation opportunities related to the proposed Intermodal Transportation Center and coordinate with the related agencies: University of Tennessee, Enterprise Center, Outdoor Chattanooga, other regional planning agencies as necessary.
- Develop a Transit Development Plan – using the On-Board Survey results analyze operational improvements, best practices associated with land use policies, and make recommendations to promote increased future ridership.
- Continue High-speed Rail/Mag-Lev Corridor Coordination/Planning.
- Amend as appropriate multimodal planning documents to conform to the new transportation legislation.
- Coordinate with organized groups and agencies in their efforts to provide bicycle/pedestrian facilities throughout the urban area including the promotion and support of the Bicycle Task Force, Bike Chattanooga monthly Bike to Work and weekly Bike to Lunch programs.
- Promote active living by coordinating and participating in programs that address transportation related infrastructure to improve walking and bicycling including, but not limited to Healthy Kids Healthy Communities Robert Wood Johnson Foundation sponsored program of local Health Departments & County Government, Safe Routes to School, and further coordination with similar N.GA program(s).
- Review plans of alternative transportation corridors such as greenways, bike lanes, bike paths and safe walks for consistency with LRTP and TIP.
- Continue integration of transit through promotion of Complete Streets planning and design.
- Research and prepare program scope for a Green Transportation trips program through application to CMAQ as part of the Travel Demand Management strategies of our CMP.
- Administer Green Trips program.
- Participate in North Georgia Regional Transit and Mobility Plan with the Northwest Georgia Regional Commission. The project includes Catoosa County.

### **PRODUCTS & SCHEDULE:**

- |   |                     |
|---|---------------------|
| • Develop Transit Development Plan                                      | July 2011-July 2012 |
| • Feasibility Funding Study   | Jan 2012-June 2012  |
| • Coordination with Safe Routes to School Program                       | As needed           |
| • Coordination of Bicycle Task Force                                    | Monthly             |
| • Coordination of Freight Stakeholder Committee                         | As needed           |
| • Coordination with Greenway Task Force                                 | Monthly             |
| • Coordination of other modal groups                                    | As needed           |
| • Research and develop a Green Transportation Trips Program             | May 2011-May 2012   |
| •   |                     |
| • Planning and Coordination on High-Speed Ground Passenger Rail/Mag-Lev | As needed           |



# CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

## **TASK 5 PUBLIC TRANSIT AGENCY PLANNING**

**TASK PURPOSE:** Fulfill federal transit and other federal requirements related to public transportation and integrate public transportation facilities and services into the total transportation system.

**RESPONSIBLE AGENCIES:** CARTA- Lead, Chattanooga-Hamilton County Regional Planning Agency (RPA) Strategic Long-Range Planning and Information and Research, Southeast Tennessee Human Resources Agency (SETHRA). Partnerships also exist with agencies such as the Enterprise Center and University of Tennessee at Chattanooga.

### **PREVIOUS WORK:**

- Continued assistance to public private transit providers.
- Coordination with CARTA and SETHRA activities has been maintained.
- Continued coordination of the Transit Human Services Coordinating Committee and maintained Public Transportation Human Services Coordinated Plan.
- Completed the Mass Transit Study.
- Completed the Sampling Plan for the CARTA On-Board Survey.
- Completed technical modeling preparations for inclusion of mode split data into the Travel Demand Model for the 2040 Regional Transportation Plan.
- CARTA continues to plan and maintain transit planning and services as needed dependent on demand and finances.
- Conducted the On-board survey to obtain the necessary data to determine mode split in the travel demand model.

### **STUDY DESIGN:**

- Work in coordination with CARTA and other agencies in preparation of updates to various documents, such as, Ride Guide, Transit Development Plan.
- Offer technical assistance to related transportation boards and the community.
- Coordinate on all transit agency related activities and their development.
- Participate in Federal Transit Administration training sessions and workshops.
- Continue coordination of activities of the transit/human services coordinating committee, a group of local transit providers, and provide the necessary support to help facilitate and improve transit services to the area including planning support for implementation of the Human Services Coordinated Plan and grant programs associated with these activities such as JARC and New Freedoms.
- Conduct local Job Access Reverse Commute (Section 5316) and New Freedom (Section 5317) project selection process.
- Continue to work with CARTA on Security & Safety Policy for Public Transportation System.
- Amend as appropriate transit documents to conform to any new transportation legislation.
- CARTA – Target populations needing access to training, childcare facilities, and jobs. The TPO staff will work with CARTA, employers, training centers, social service agencies, and various transit providers to provide mobility options for persons “leaving the welfare rolls” and preparing for jobs and/or traveling to job sites.
- CARTA – Continue to study alternative types of transportation and the expansion of present day systems needs to complement the existing Regional Public Transportation system. The best course of action may include transit managers and planners evaluating an integrated transit system that would enhance the current system.
- CARTA will be continuing planning activities to comply with federal, state, and local regulations and to maintain the transit system. These ongoing activities include short range transportation planning; implementation of the ADA regulations; financial planning; safety planning; alcohol, drug control, and equal employment opportunity planning; maintenance planning; general development and comprehensive planning; and travel and training.

## CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

- CARTA will explore and experiment with alternative service delivery methods (i.e. neighborhood demand responsive routes, corridor routes, and busways). Implement service, amenities, and equipment related to the access to Jobs and Reverse Commute.

### PRODUCTS & SCHEDULE:

- |   |                   |
|---|-------------------|
| • Technical Assistance Documentation                            | Continuous        |
| • Improve Coordination  | Continuous        |
| • Safety & Security   | On-going          |
| • CARTA Reports, Review and Monitoring Activities               | Continuous        |
| • CARTA Study of New Routes & Connections                       | Continuous        |
| • Planning for the establishment of Regional Bike Share Program | Continuous        |
| • Updates Transit Providers Ride Guide                          | As needed         |
| • FTA Workshops and training sessions                           | As needed         |
| • Analyze CARTA On-Board Survey data                            | Oct-December 2011 |

### **FY 11 PUBLIC TRANSIT PLANNING BUDGET (FY 2011 UPWP Task Name): \$176,000**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303	TDOT	TPO	5307	TDOT	TPO	
5 Public Transit			19,200	4,800	13,600.00	3,400.00	8,000	1,000	1,000	\$80,000	\$10,000	\$10,000	\$151,000
Consultant On-Board Survey							20,000	2,500	2,500				\$25,000

### **FY 12 PUBLIC TRANSIT AGENCY PLANNING BUDGET: \$110,000**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303*	TDOT*	TPO*	5307	TDOT	TPO	
5 Public Transit Agency			0	0			8,000	1,000	1,000	80,000	10,000	10,000	110,000



# CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

## TASK 6 AIR QUALITY/CONGESTION PLANNING & EMISSIONS MODELING

**TASK PURPOSE:** Coordinate with various agencies to conduct activities that seek to reduce, manage, and mitigate impacts to air quality and develop studies consistent with EPA air quality conformity rules and the goals and objectives of the Long Range Transportation Plan (LRTP) for the region.

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency (RPA), Plan Implementation and Strategic Long-Range Planning, Information and Research- Lead, TDOT, and GDOT. Partnerships also exist with agencies such as the Hamilton County Air Pollution Control Bureau and Tennessee Department of Environment and Conservation (TDEC).

### **PREVIOUS WORK:**

- Completed 2035 Conformity Determination Report for PM 2.5.
- Continued training on air quality conformity and modeling.
- Continued administration of the Interagency Consultation Committee (ICC).
- Provided technical assistance to various air quality related agencies and organizations.
- Completed Revisions to the Congestion Management Process (CMP).
- Completed planning and project proposals for TDOT Congestion Mitigation and Air Quality (CMAQ) Program.
- Coordinated with GDOT on CMAQ funds and priority projects in the region.
- Completed a Travel Demand Management report for the 2035 LRTP.
- Completed updates to the Incident Management Plan.
- Continued coordination with Air Pollution Control Bureau and TDEC on State Implementation Plan (SIP) emissions budgets and modeling.

### **STUDY DESIGN:**

- Work with local, state and federal agencies to implement regional air quality conformity for Particulate Matter.
- Work with Air Pollution Control Bureau, GA EPD, EPA and TDEC for air quality conformity for Ozone.
- Conduct any necessary emissions modeling to ensure that the LRTP meets the requirements of the Clean Air Act.
- Incorporate Congestion Mitigation Plan update and evaluation mechanism into 2040 Transportation Plan.
- Continue to provide technical assistance to the Clean Air Coalition, Green Committee and local Sustainability Office regarding reduction of greenhouse gas emissions, and other organizations formed to help meet the regional air quality standards.
- Coordinate with TDOT and GDOT on Congestion Mitigation & Air Quality funds for projects in the region and facilitate member jurisdiction applications.
- Congestion Management Process will be maintained and integrated into the planning process/document for the 2040 Regional Transportation Plan including exploring mechanisms to evaluate, review and update the effectiveness of the Congestion Management Process for integration into the 2040 Regional Transportation Plan.
- Attend workshops and training on ITS relative to congestion/air quality, Incident Management, Congestion Management, Travel Demand Management, and air quality planning and conformity.
- Amend as appropriate the CMP to conform to any new transportation legislation.
- Conduct Climate Change Research and Peer Review for Green House Gas Emissions reduction/modeling.
- Review and coordinate the activities of the Incident Management Task Force (IMTF) and participation in the proposed Statewide Incident Management Task Force/Plan.
- Provide Emissions data for SIP and Coordinate with TDEC.

## CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

### PRODUCTS & SCHEDULE:

- |  |                                 |
|--|---------------------------------|
| • CMP update and evaluation mechanism incorporation          | Begin Oct 2012                  |
| • Model emissions for air quality conformity                 | As needed                       |
| • Coordinate with and Assist Air Pollution Control Bureau    | Continuous                      |
| • Provide Emissions data for SIP and Coordinate with TDEC    | As needed                       |
| • Provide Technical Assistance                               | Continuous                      |
| • Coordinate and Participate Incident Management Task Force  | Quarterly,<br>Continuous        |
| • Plan and Prepare Conformity Determination Report for Ozone | Begin Oct 1 2010,<br>Continuous |
| • Facilitate member jurisdiction applications for CMAQ funds | As needed                       |
| • Conformity on TIP, Plan for PM2.5, and Ozone               | As needed                       |
| • Training   | As needed                       |
| • Climate Change Research/GHG Emissions reduction/modeling   | As needed                       |

### FY 11 AIR QUALITY/CONGESTION PLANNING BUDGET (FY 2011 UPWP Task Name): \$213,900

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS	
	TENNESSEE				GEORGIA		TENNESSEE							
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE				
	SPR	TDOT	PL	TPO	PL	TPO	5303	TDOT	TPO	5307	TDOT	TPO		
6 Air Quality & Climate Change			35,520	8,880	20,880.00	5,220.00								\$70,500
Consultant Conformity for Ozone			51,200	12,800	12,800.00	3,200.00								\$80,000
Consulting Support Air Quality Model			46,720	11,680			4,000	500	500					\$63,400

### FY 12 AIR QUALITY/CONGESTION PLANNING & EMISSIONS MODELING \$246,818

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303*	TDOT*	TPO*	5307	TDOT	TPO	
6 Air Quality/Congestion/Modeling			27,547	6,887	4,000	1,000	16,800	2,100	2,100				60,433
Consultant Conformity for Ozone			59,200	14,800	14,400	3,600	6,400	800	800				100,000
Consulting Support Air Quality Model			40,000	10,000	21,908	5,477	7,200	900	900				86,385

# CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

## TASK 7 REGIONAL (MID/LONG-RANGE) TRANSPORTATION PLANNING

**RESPONSIBLE AGENCIES:** Chattanooga-Hamilton County Regional Planning Agency Strategic Long-Range Planning- Lead, TDOT Long-Range Planning Division, and GDOT.

**TASK PURPOSE:** Provide the following ongoing analysis for a continuously updated comprehensive regional long range transportation planning process and Transportation Plan that will provide for mid to long-range transportation needs within the Chattanooga Urban Area including the maintenance of the Transportation Improvement Program (TIP) (formerly cited under Task 4). TDOT contributes ongoing analysis to assist the MPOs with their modeling needs, including technical assistance for MPO staff, training, review of models and oversight of consultants contracted to work on the models; to assess current and projected demand for statewide freight and goods movement and the relative capacity of facilities in the urban areas that carry these trips; and to evaluate needs and opportunities for Intelligent Transportation Systems (ITS) to improve operations of the state transportation system within urban areas and plan for operational and capital solutions to these needs.

### **PREVIOUS WORK:**

- Completed the Chattanooga-Hamilton County/North Georgia 2035 Long-Range Transportation Plan and new travel demand model.
- TDOT worked with the MPOs to help with model development, freight planning and ITS development and implementation.
- Participated in long range planning for TDOT's proposed TN River Bridge Toll Facility.
- Completed the Regional ITS Architecture.
- Completed Freight Study focused on Enterprise South Industrial Park.
- Completed integration of the new Bicycle and Pedestrian Plan into the 2035 LRTP.
- Conduct a Regional Freight Study which incorporates the findings of the focused Enterprise South Freight Study.
- Completed coordination of and participation in Central Hamilton County Scenario Planning Study.

### **STUDY DESIGN:**

- Biennial Amendment to LRTP/TIP.
- Continue preparations of financial plan sheets and individual project description pages for adjustments, amendments and new inclusions to the TIP.
- Amend the 2035 Long Range Transportation Plan and TIP to meet new transportation legislation.
- Continue Livability/Sustainability Initiative: Regional Land Use and Transportation Plan Coordination, Participation, and Integration for 2040.
- Amend as appropriate the TIP to conform to the new transportation legislation.
- Finalize development of necessary attributes in the Travel Demand Model for Ozone modeling.
- Continue environmental evaluation and coordination with state and local agencies responsible for land use management, natural resources, environmental protection, conservation and historic preservation as outlined in the approved 2035 LRTP and assess potential strategies for the 2040 Plan.
- Research operations and management strategies for planning/integration in the 2040 Plan.
- Continue to educate TPO TCC and Board members on the goals and strategies of long range planning and development.
- Prepare for the 2040 Regional Land Use and Transportation Plan by coordinating partners, outlining schedules of data analysis, requests for revenues/expenditures information from local jurisdictions and state partners, assembling land use scenario tools, and tentative public involvement timelines.
- Begin the 2040 Plan planning process by finalizing plan schedule, hosting a kick-off team meeting of TPO members, state/fed representatives, and partnering agencies, holding the initial public

## CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)

meeting for plan vision, goals, and performance measures, conducting the Call for Projects, and developing the plan framework.

- GDOT Coordination - Coordinate with TPO in all transportation activities related to the Georgia portion of study area including: Management Systems, Enhancements, Financial Planning, Transportation Plan & Transportation Improvement Program, Bicycle Planning, High Speed Rail Connection.
- TDOT - Work will continue on model development, ITS architecture and planning and assistance with freight planning.

### PRODUCTS & SCHEDULE:

- Amend LRTP/TIP for new transportation legislation As needed
- Maintain FY 2011 - 2014 TIP amendments/adjustments As needed
- 2040 Regional Transportation Plan Planning Process Begin Oct 2011
- Long Range regional land use and transportation planning, research, and training Continuous
- GDOT, input on coordination activities Continuous
- TDOT, updated Long-Range Transportation Plan for the Chattanooga, TN Urban Area Continuous

### **FY 11 REGIONAL TRANSPORTATION PLANNING BUDGET (FY 2011 UPWP Task Name): \$220,810**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303	TDOT	TPO	5307	TDOT	TPO	
7 Regional & Long Range Planning	50,568.00	12,642.00	14,240	3,560	11,840.00	2,960.00	2,720	340	340				\$99,210
Consulting Support Travel Demand Model			37,280	9,320	17,600.00	4,400.00	2,400	300	300				\$71,600
Consultant Freight			20,000	5,000	12,000.00	3,000.00	8,000	1,000	1,000				\$50,000

### **FY 12 REGIONAL (MID/LONG-RANGE) TRANSPORTATION PLANNING \$487,245**

TASKS	FEDERAL HIGHWAY ADMINISTRATION						FEDERAL TRANSIT ADMINISTRATION						GRAND TOTALS
	TENNESSEE				GEORGIA		TENNESSEE						
	FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE		FUNDING SOURCE			FUNDING SOURCE			
	SPR	TDOT	PL	TPO	PL	TPO	5303*	TDOT*	TPO*	5307	TDOT	TPO	
7 Regional Mid/ Long Range Planning	51,328	12,832	15,269	3,817	5,600	1,400							90,246
Consulting Support: Long Range Planning and 2040 Plan			215,195	53,799	83,583.51	20,895.88	18,821	2,353	2,353				396,999

# **CHATTANOOGA ONE-YEAR UNIFIED PLANNING WORK PROGRAM (October 1, 2011 –September 30, 2012)**

## **APPENDIX A**

### **TRANSPORTATION PLANNING REPORTS (TPR) & OTHER FEASIBILITY/JUSTIFICATION/MODIFICATION STUDIES**

The TPO will coordinate with TDOT and consultants on the preparations of Transportation Planning Reports for the feasibility and improvements of various roads in all jurisdictions of the TPO study area. Potential future TPRs include Chattanooga's Central Avenue Extension/Connector to Georgia, Soddy Daisy's relocation/realignment and widening of Daisy Dallas Rd (may involve justification study for conversion to State Route), and Highway 127 through Hamilton Co. and Signal Mountain (may involve feasibility/safety studies).

Similarly, the TPO will continue to coordinate with TDOT and consultants on the preparations of the Justification and Modification Studies of the I-24 Interchange U.S. Pipe/Wheland Foundary area. Another potential future modification study is East Ridge's access/connection to I-24 at Spring Creek Rd.