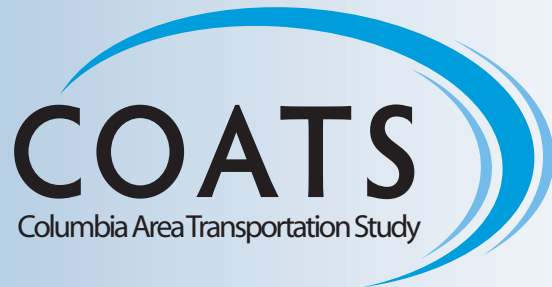


Unified Planning Work Program



FY 2011/12

Prepared by the
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Adopted on June 23, 2011

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2011-2012

UNIFIED PLANNING WORK PROGRAM

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

**Approved by the Policy Committee of the
Columbia Area Transportation Study**

June 23, 2011

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**COLUMBIA AREA TRANSPORTATION STUDY
2011 – 2012 UNIFIED PLANNING WORK PROGRAM**

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COLUMBIA AREA TRANSPORTATION STUDY

METROPOLITAN PLANNING ORGANIZATION

2011 - 2012 UNIFIED PLANNING WORK PROGRAM (UPWP) - PURPOSE

The Unified Planning Work Program (UPWP) incorporates in one document all transportation planning and directly supporting comprehensive planning activities in the Columbia Metropolitan Area, which appears in Figure 1, during the fiscal year 2011 - 2012. It is intended to provide a mechanism for the coordination of planning efforts by local, State, and regional agencies through the Columbia Area Transportation Study (COATS).

The U.S. Department of Transportation (USDOT) and its modal administrations [i.e., the Federal Highway Administration (FHWA), the Federal Railroad Administration (FRA), and the Federal Transit Administration (FTA)] require this Unified Planning Work Program as a basis and condition for all funding assistance for transportation planning to State, local and regional agencies. The authority for this requirement is found in two separate Federal legislative acts establishing transportation planning programs:

1. Title 23, U.S. Code Section 134 (Federal Aid Highway Act of 1962, as amended)
2. Title 49, U.S. Code Section 1603 et. al.: (Urban Mass Transportation Act of 1964, as amended)

DEVELOPMENT OF THE UNIFIED PLANNING WORK PROGRAM

As the Metropolitan Planning Organization (MPO) designated by the Governor of the State of South Carolina, COATS has the responsibility to carry out the continuous, comprehensive and cooperative transportation planning process for the Columbia Metropolitan Area. The Unified Planning Work Program (UPWP) identifies the transportation planning activities which are to be undertaken in the COATS study area in support of the goals, objectives and actions established in the 2035 Long-Range Transportation Plan, which was adopted in December 2008. COATS staff, working with the Planning Department of the South Carolina Department of Transportation, annually initiates the process of developing the UPWP and prepares a final draft for the MPO Policy Committee consideration. The intent in developing a comprehensive Work Program is to ensure that a coordinated transportation planning process occurs in the region, which will make positive contributions towards achievement of the established 2035 goals regarding mobility, facilities, safety, the environment, and land use.

The UPWP outlines a framework for the work program which the staff is expected to accomplish, and provides guidance with respect to a financial plan to support the Work Program. This 2011 - 2012 Work Program is intended to be consistent with the metropolitan planning requirements of the Federal Legislation: Safe, Accountable, Flexible, Efficient Transportation Equity Act: A

Legacy for Users (SAFETEA-LU) and its implementing regulations (23 CFR Part 450, Subpart C and 49 CFR Part 613, Subpart A). Compliance with these regulations frames much of this program. Further, the Work Program strives to address South Carolina Department of Transportation planning emphasis areas which are intended to implement the State's policies for urban area transportation planning. This is to ensure that projects conceived by COATS fulfill Federal and State policies and local issues progress in a timely manner.

The status of the current Work Program is reviewed annually by the COATS's Policy Committee to ensure that it is being carried out in a manner consistent with the MPO's goals. While it is the mission of the Staff and the Policy Committee to complete work efforts within a program year, task elements may be designed to span multiple fiscal years and therefore are carried into subsequent Work Programs to affect closure. Each year an estimate of transportation planning funds available for new programs is made. Policy direction and scope of the UPWP are developed with member government participation based on their needs, consistent with the Long-Range Transportation Plan.

The staff, working with member governments, establishes a list of candidate projects for inclusion in next year's work program. Estimates of amounts and sources of funding to accomplish the planning program are developed. The Technical Committee then reviews the continuing program and the new projects. A draft UPWP is developed for the Transportation Subcommittee review and recommendation of acceptance to the Executive and Policy Committees. The Policy Committee has the final responsibility to approve the UPWP.

COATS ORGANIZATION

The Columbia Area Transportation Study (COATS) is organized to facilitate and encourage maximum interaction between local, State and Federal agencies involved in the transportation decision-making process. To accomplish this, a committee structure was adopted to include the following committees:

Policy Committee

The Policy Committee consists of the elected and appointed officials representing local and State governments and other organizations/agencies having an interest or responsibility in comprehensive transportation planning in the Columbia Metropolitan Area. The primary responsibility of the Policy Committee is to establish policies for the overall conduct of the COATS. Policy Committee meetings are conducted on a monthly basis.

Transportation Subcommittee

The Transportation Subcommittee is responsible for making recommendations to the full Policy Committee regarding project priorities to be funded by various Federal Aid Highway Programs and included in the Transportation Improvement Program (TIP). Transportation Subcommittee meetings are scheduled on a monthly basis.

Technical Committee

The Technical Committee, which is established by the Policy Committee, is composed of the professional/technical representatives from the member governments and public agencies having direct or indirect responsibility for transportation planning and/or implementation. Their primary responsibility is to monitor all technical activities including the annual development of a draft UPWP and TIP for recommendation to the Policy Committee. They also review and consider for recommendation to the Policy Committee all major studies and planning activities. Technical Committee meetings are scheduled on a monthly basis.

Executive Committee

The Executive Committee is made up of Policy Committee members and provides oversight of transportation planning activities. Executive Committee meetings are conducted on a monthly basis.

Additional Committees

An important element in the operation of the Policy Committee is the effective utilization of both formal and ad-hoc advisory committees to review and evaluate detailed transportation issues and results of planning activities. The committee(s) function principally is to make recommendations to the Policy Committee on subjects directed to them by the Policy Committee which require extensive evaluation and which would be inefficient to resolve by the full committee. Additional advisory committee meetings are scheduled on an as needed basis.

The COATS has also established the following permanent committee(s):

Rail Transit Committee: This Committee consists of members of the Policy Committee and other interested citizens. The Rail Transit Committee is established to research issues related to rail development and its impact on the transportation infrastructure in the region. The Rail Transit Committee meetings are scheduled on a quarterly basis.

Bike and Pedestrian Committee: This Committee consists of members of the Transportation Subcommittee, State and local governments, and other interested citizens. The Bike and Pedestrian Committee is established to research issues related to bicycle and pedestrian development and its impact on the transportation infrastructure in the region. Bike and Pedestrian Committee meetings are scheduled on a bi-monthly basis.

Regional Development Committee: This Committee consists of members of the Policy Committee, State and local governments, and other interested citizens. The Regional Development Committee is established to research issues related to land use development and its impact on the transportation infrastructure in the region. Regional Development Committee meetings are scheduled on a quarterly basis.

Organizational Objectives

In order to achieve the COATS program goals and the detailed technical activities inherent in them, the COATS organization has the following objectives:

1. Develop an administrative committee structure which will express and coordinate transportation planning and development values, policies, and goals as related to transportation requirements at all governmental levels;
2. Provide guidance to public and private decision-makers involved in immediate implementation and long-range activities;
3. Provide technical study programs and fulfill organizational responsibilities necessary to continue transportation plan development, study refinement, and research;
4. Provide for community review of the 2035 Long-Range Transportation Plan and its sub-elements, resolve conflicts with community values, and obtain participation in updating and reevaluating the plan;
5. Monitor and evaluate changes in the metropolitan structure and identify growth problems, and update the plan as necessary; and
6. Promote the coordination of planning activities to implement the “continuing, comprehensive planning” concept.

STAFFING

The work proposed under this Unified Planning Work Program (UPWP) will be primarily accomplished by the COATS Staff, with the assistance and cooperative support of the participating CMCOG member governments as well as the use of private consultants, where appropriate.

COATS Staff

A permanent, intermodal professional staff has been assembled to carry out the major portion of COATS continuing transportation planning program. This staff, consisting of a Director, professional, technical and support personnel, will pursue specific COATS work program task elements under the direction of the MPO Policy Committee.

South Carolina Department of Transportation Staff

The South Carolina Department of Transportation (SCDOT) has an extensive professional staff of transportation planners, analysts and both professional and support personnel, in such associated specialties as transportation planning, research, data processing and environmental impact analysis. SCDOT provides assistance to COATS on various issues as requested.

Lexington County Planning Agency Staff

The Lexington County Planning Agency provides COATS with planning assistance and various GIS-related information.

Richland County Planning Agency Staff

The Richland County Planning Agency provides COATS with planning assistance and various GIS-related information.

City of Columbia Planning Agency Staff

The City of Columbia Planning Agency provides COATS with planning assistance and various GIS-related information.

Central Midlands Regional Transit Authority Staff

The Central Midlands Regional Transit Authority (CMRTA) provides COATS with both general and project specific data relating to transit. Such data includes ridership information, counts, scheduling, routing, etc.

OPERATIONAL PROCEDURES AND BYLAWS

COATS operates under an adopted set of bylaws. Administrative and operational procedures are included in the Central Midlands Council of Governments (CMCOG) Bylaws. Official records of COATS business are maintained in the CMCOG Office located at 236 Stoneridge Drive, Columbia, South Carolina 29210. All of COATS records are available for public inspection during normal business hours.

UNIFIED PLANNING WORK PROGRAM (UPWP) FRAMEWORK

The annual UPWP establishes the transportation planning activities and programs of the Metropolitan Planning Organization (MPO) to be carried out over the course of the work program year (July through June). Other than administration, the basis of the work program is focused in three broad areas:

- I. Maintenance of a Transportation Improvement Program (TIP), which identifies projects and/or programs to receive various sources of Federal funds covering highway, transit, and intermodal facilities and programs.
- II. Maintenance and implementation of the Long-Range Transportation Plan (LRTP), which identifies priority transportation system deficiencies and feasible/appropriate methods for addressing those deficiencies in a fiscally constrained environment.

Four transportation goals were identified for the Columbia Metropolitan Area in the COATS 2035 Long-Range Transportation Plan adopted in December 2008 including: mobility, safety, environment, and facilities. Detailed objectives and action recommendations were also identified in regard to each of the goal areas.

- III. Recognition of requirements established by the Federal Highway Administration (FHWA) regarding the national transportation planning priorities included in the SAFETEA-LU and National Highway System legislation.

The eight planning factor requirements of SAFETEA-LU are listed below:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility options available to people and for freight;

5. Protect and enhance the environment, promote energy conservation and improve quality of life;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation; and
8. Emphasize the preservation of the existing transportation system.

2010 -2011 SUMMARY OF MAJOR ACCOMPLISHMENTS

General Administration

The accomplishments under this task were necessary to ensure that the MPO functioned adequately to manage the transportation planning process, ensuring that it is continuous, cooperative, and comprehensive in nature and that it is in compliance with applicable Federal, State, and local laws and requirements. To that end, the accomplishments under this task are varied and include, but are not limited to, the items summarized below:

- ✓ Held ten Policy Committee meetings, eight Transportation Subcommittee, seven Technical Committee meetings, three Bike and Pedestrian Committee meetings, and three Rail Transit Committee meetings over the course of the program year and provided administrative and technical support to these committees as needed.
- ✓ Disseminated mailings and other appropriate communications as warranted;
- ✓ Maintained all financial records of revenues and expenditures;
- ✓ Upgraded and maintained in-house computer and network resources;
- ✓ Completed all required communications and coordination with SCDOT, FHWA and FTA;
- ✓ Completed the required quarterly Planning Reports;
- ✓ Continued management of the selected consultants for COATS General Transportation Planning/Engineering Services;
- ✓ Continued training of various MPO staff as appropriate; and
- ✓ Continued participation, as appropriate, with the American Planning Association (APA), the Association of Metropolitan Planning Organizations (AMPO) and other professional affiliations as needed.

Public Participation

Significant public participation/media relations efforts and activities were conducted over the past program year for numerous UPWP tasks including, but not limited to:

- ✓ Publicized via press releases, legal notices, flyers, and presentations, the commencement of planning activities and public comment periods relating to both the 2009-2015 Transportation Improvement Program (TIP) process and the 2035 Long-Range Transportation Plan (LRTP) Elements as appropriate;
- ✓ Held public meetings in an effort to identify the issues for the Broad River Road Corridor & Community Study
- ✓ Updated and expanded the website for the COATS MPO;
- ✓ Developed and distributed issues of the CMCOG newsletter: "Region Report";
- ✓ Maintained and expanded the CMCOG web site;
- ✓ Maintained and expanded the sub-web site for the Broad River Road Corridor & Community Study;

- ✓ Worked with various municipalities and the media throughout 2010-2011 in an effort to promote the nature, role, and purpose of COATS; and
- ✓ Produced and distributed, as appropriate, a CMCOG Orientation Package, aimed at educating new committee members on the roles and responsibilities of the agency.

2011 - 2012 UPWP Development

This task involved the creation and dissemination of the 2011 - 2012 UPWP, which was developed via a cooperative process involving all member agencies as well as the CMCOG staff. A request for planning projects was provided to all municipalities in the COATS study area but resulted in modest responses. As recommended in the latest SCDOT letter of March 2011, COATS is preparing an annual UPWP, covering the period of July 1, 2011 through June 30, 2012. The Final Draft 2011 - 2012 UPWP is scheduled to be presented to the Transportation Subcommittee and Policy Committee on May 12th and May 26, 2011, respectively, for final approvals and adoption.

Data Collection, Compilation, and/or Analysis

This task allows for staff to collect, analyze and utilize various forms of data that assist in the everyday operation of the Metropolitan Planning Organization (MPO). The four primary datasets utilized for this task are Populations Projections, Commercial Real Estate, Building Permits and Vehicle Data.

The following documents have been completed:

- ✓ Traffic Count Data Reports for each County (Lexington, Newberry, Richland, & Fairfield)
- ✓ 2010 Commercial Real Estate Report
- ✓ 2010 Multi-Family Rental and Condominium Survey
- ✓ 2010 Building Permits Report
- ✓ 30-Year Population Estimations for Richland and Lexington Counties
- ✓ 30-Year Employment Estimations for Richland and Lexington Counties

Geographic Information Systems (GIS)

COATS has made considerable progress on maintaining its central GIS database library for use on all planning activities. Updated GIS data include: Functional Classification of the Federal Aid eligible road network, updated annotation layer for road names and shields, the compiling of ownership/jurisdiction data for all road systems in the MPO area. Specific milestones worth noting for this project area include, but are not limited, to the following:

- ✓ Continued coordination with member agencies to ensure that the most recent data is being used;
- ✓ Continued file maintenance of COATS GIS data layers;

- ✓ Continued the linkage of TransCad modeling data with GIS to allow for easy access;
- ✓ Continued updates of GIS data (i.e. population data, employment data, aerial photography, building permits), maintenance, and the necessary adjustments as required in support of various UPWP planning efforts that will utilize GIS data.
- ✓ Continued cartography/graphic support for visualization, public involvement, and scenario planning
- ✓ Continued to enhance employment GIS layers for various transportation projects.
- ✓ Continued transportation modeling of different scenarios (i.e. changes in land use patterns.)

Travel Demand Model

The Columbia Area Transportation Study (COATS) Travel Demand Model is a technical tool to assist in the development of the regional transportation plan and the policy decision making process. The travel demand model utilizes a traditional four-step trip-based model process consisting of trip generation, trip distribution, mode choice, and trip assignment to evaluate the current and future travel conditions for the MPO planning area. Major accomplishments under this effort are itemized below:

- ✓ Completed travel demand model scenarios:
 - Irmo-Dutch Fork Sub Area Plan
 - Elgin-Richland NE Sub Area Plan
 - Camden-Columbia Alternative Analysis

Air Quality and Conformity

This task allows for COATS to ensure that it meets all requirements of Federal and State agencies in terms of air quality and conformity. Specifically, it allows the COATS to continue to provide for air quality planning initiatives and activities in the MPO area that comply with the conformity requirements of the Clear Air Act Amendments of 1990. The Technical Committee, Transportation Subcommittee, and Bike and Pedestrian Committee have received reports on the region's current air quality status. Major accomplishments under this effort are itemized below:

- ✓ Implemented CMCOG Take a Break from the Exhaust
- ✓ Participated in City of Columbia's CPAC meetings
- ✓ Participated in City of Columbia's Green Business Expo
- ✓ Held meetings on Clean Air Midlands Taskforce—regional air quality partners that include SCDHEC, Columbia Chamber of Commerce, Lexington & Richland Counties, and City of Columbia
- ✓ In planning phases of Clean Air Partners Program (CAPP the Midlands)—a program aimed at businesses to reduce vehicle emissions.
- ✓ Developing list of air quality implementation strategies
- ✓ Updating Midlands Air Quality report
- ✓ Made presentations to CMCOG Committees on proposed ozone nonattainment issues.

- ✓ Participated in meetings related to the 2011 Midlands Lawn Mower Exchange
- ✓ Participated in meetings with SC DHEC Bureau of Air Quality on the latest EPA Ozone announcements
- ✓ Actively seeking grant resources to fund potential air quality-related projects and initiatives
- ✓ Participated in webinar training:
 - Transportation Conformity 101 & 102
 - EPA Grants Award Process
 - Greenhouse Gas Permitting Guidance
 - MPO Analysis of GHG Emissions and Reduction Strategies
 - Tools to Evaluate Carbon Emissions from Transportation Agencies

Batesburg-Leesville/Columbia Transit Feasibility Study

This project consisted of a feasibility study for transit services within the community of Batesburg-Leesville and a connection to the City of Columbia. Central Midlands Council of Governments (CMCOG) in coordination and cooperation with the City of Columbia, Town of Batesburg-Leesville and the South Carolina Department of Transportation performed a transit feasibility study. This study determined the potential for a transit system and gauged the short and long-term benefits and demands for a region-wide transit system. Over this past year, the following activities have been accomplished:

- ✓ This project is over 100% completed
- ✓ Completed the implementation of the Public Participation Plan
- ✓ Received final copies of the final report
- ✓ Received final copies of the final executive summary
- ✓ Completed financial closeout process
- ✓ Submitted a Section 5304 Grant to assist with implementation to SCDOT
- ✓ Received approval of the 5304
- ✓ Continued implementation through Human Services Coordination

Human Services Transportation Coordination Plan

The purpose of this plan was to ensure that federal requirements regarding coordination are satisfied as well as assist the Central Midlands region in its continuing efforts to develop an efficient and effective transit service network. The major accomplishments include:

- ✓ Continued filling in missing info in the human service providers database
- ✓ Completed RFP for ridesharing services
- ✓ Completed development of a survey for the human service clients
- ✓ Completed analysis of the location of the elderly and disabled populations in the Central Midlands region
- ✓ Completed development of a human service database for Lexington County
- ✓ Completed development of a human service database for Fairfield County

- ✓ Completed development of a human service database in Newberry County
- ✓ Completed development of a human service database in Richland County
- ✓ Completed consultation with FTA regarding several budget revision requests
- ✓ Received a decision from FTA on the Capital City Cab Contract Modification
- ✓ Completed consultation with FTA about the current New Freedom and JARC grant applications
- ✓ Met with human services agencies in Fairfield County
- ✓ Provided FTA's decision to Capital City Cab Company
- ✓ Executed grant agreements with FTA concerning New Freedom and JARC grant applications
- ✓ Continued preparation of a human service database for Fairfield County
- ✓ Made a presentation to Fairfield County Council
- ✓ Submitted a 5304 Grant Application to SCDOT
- ✓ Submitted a grant request for 5316 & 5317 Administration Funds to SCDOT
- ✓ Coordinated with FTA on the Capital City Cab Contract Modification
- ✓ Met with Fairfield County to their human services coordination project
- ✓ Executed a contract with SCDOT regarding the 5304 Grant
- ✓ Distributed the human service coordination survey throughout the region

Irmo/Dutch Fork Sub-Area Plan

This study was to develop multimodal transportation system solutions that meet the study area's transportation challenges and be supportive of the preferred land use vision within the study area. These solutions were outlined in incremental time blocks using a 2035 transportation planning horizon. The multimodal transportation system solutions identified a list of specific projects, the benefits that will result from these projects, suggested timeframes for their completion, cost estimates for each, and potential sources of funding. Over this past year, the following activities have been accomplished:

- ✓ This project is over 100% completed
- ✓ Received a Freedom of Information Act Request
- ✓ Provided the Freedom of Information Act Request to the CMCOG Attorney for review
- ✓ Responded to the Freedom of Information Act request

Elgin/Richland Northeast Sub-Area Plan

This study was to develop multimodal transportation system solutions that meet the study area's transportation challenges and be supportive of the preferred land use vision within the study area. These solutions were outlined in incremental time blocks using a 2035 transportation planning horizon. The multimodal transportation system solutions identified a list of specific projects, the benefits that will result from these projects, suggested timeframes for their completion, cost estimates for each, and potential sources of funding. Over this past year, the following activities have been accomplished.

- ✓ This project is over 100% completed
- ✓ Received copies of the final report
- ✓ Received copies of the final executive summary
- ✓ Received an American Council of Engineering Companies Engineering Excellence Award
- ✓ Completed financial closeout

Intelligent Transportation Systems (ITS)

During the past year, COATS has continued to participate and communicate with the appropriate MPO member agencies regarding ITS initiatives in the area.

2035 Long-Range Transportation Plan

COATS has continued the process of implementing the 2035 Long-Range Transportation Plan with substantial work being completed during the past program year. The major accomplishments include:

- ✓ Provided staff assistance to complete the Irmo/Dutch-Fork Subarea Plan
- ✓ Provided staff assistance to complete the Elgin-NE Subarea Plan
- ✓ Provided staff assistance to complete the Broad River Road Study
- ✓ Provided staff assistance to complete the Camden/Columbia Study
- ✓ Provided GIS support and mapping support for various projects
- ✓ Staff updated website content to the COATS website
- ✓ Provided staff assistance with the Online Commuter Matching Program
- ✓ Provided staff assistance with the Newberry/Columbia AA Study
- ✓ Proposed Amendment(s) to the 2035 Long Range Transportation Plan include(s):
 - The addition of purpose and need statements for the projects identified in the COATS 2035 Cost Constrained Plan.
 - The addition of the US 378 @ St. Peters Road/Charter Oak Road Intersection Improvement Project to the COATS Intersection Improvement Program

Transportation Projects Implementation

This task addresses the implementation of transportation planning projects that the staff has either completed, annually implements, or will completed in this fiscal year. Staff continues to implementation these transportation planning projects to meet Federal and State guidelines and improve and enhance the regional transportation system.

Rail/Truck and Transit Planning

The purpose of this project was to include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process in order to effectively address rail, truck and

transit transportation issues, for moving both people and freight, as appropriate. Major accomplishments completed under this item include:

- ✓ Continued implementation of the Commuter Rail Plan
- ✓ Continued to monitor high speed rail activities in the upstate
- ✓ Continued research on a possible rail demonstration route
- ✓ Continued assessing land use along proposed rail routes
- ✓ Continued researching vehicle types that can provide rail and road services
- ✓ Continued implementation of the rail strategy
- ✓ Met with the City of Columbia to discuss rail transit options
- ✓ Met with North Carolina DOT and Amtrak about intercity rail possibilities
- ✓ Completed draft RFP for the Newberry-Columbia Alternative Analysis
- ✓ Held a conference call with North Carolina DOT
- ✓ Evaluated rail connectivity between Columbia and Charlotte

The objective of this project is to assess multi-modal options and develop alternatives for people to access the current transportation system safely, efficiently, and use it effectively.

Camden/Columbia Alternative Analysis

This project consisted of performing an Alternatives Analysis that evaluated the mode and alignment options for the identified corridor. The Analysis utilized the recently developed modal split component to the region's travel demand model along with the Metropolitan Planning Organization's (MPO) extensive GIS and development-based analytical tools. The analysis informed local officials and community members on the benefits, costs and impacts of transportation options, so that the region can finalize a preference. Upon completion, local and regional decision makers selected a locally preferred alternative that will be adopted by the MPO into the region's long-range transportation plan. Over this past year, the following activities have been accomplished:

- ✓ This project is over 100% completed
- ✓ Completed negotiations with FTA about Phase II approach
- ✓ Completed development a supplemental scope for Phase II of the study
- ✓ Completed implementation of the Public Participation Plan
- ✓ Completed assessments transportation system management improvements
- ✓ Completed assessments the impacts of road improvements to US 1 and I-20
- ✓ Completed assessments of other corridor improvements
- ✓ Completed supplemental scope for Phase II of the study
- ✓ Received approval from FTA about Phase II approach
- ✓ Completed development of a contract for Phase II
- ✓ Consulted with SCDOT on Phase II approach
- ✓ Finalized the contract for Phase II
- ✓ Provided a notice to proceed letter to the consultant
- ✓ Completed an assessment of land use along the corridor

- ✓ Completed redefining the definition of the project
- ✓ Completed work on the TSM Alternative
- ✓ Completed development of TOD policies
- ✓ Completed analysis of current ridership along the corridor
- ✓ Received a recommendation of approval from the COATS Technical Committee
- ✓ Received a recommendation of approval from the COATS Transportation Subcommittee
- ✓ Received approval from the COATS MPO Board of Directors
- ✓ Completed the financial closeout process.

Broad River Road Corridor & Community Study

This study developed a transportation corridor study from the Broad River Road Bridge to Haviland Circle. It examined capacity enhancements, intersection improvements, congestion management, and transit services. This study also focused on revitalization opportunities for two community planning areas in Richland County; Piney Grove/St. Andrews and Dutch Square/Lower Broad River. It incorporated transit oriented development principles and practices that enhanced the safety, security, and efficiency of the transportation system. It also looked beyond the pavement and curbs of the roadway improvements and identified opportunities and projects that serve as catalysts for neighborhood revitalization and economic development. Over this past year, the following activities have been accomplished:

- ✓ This project is over 100% completed
- ✓ Completed all updates the project webpage
- ✓ Completed transportation analysis
- ✓ Completed the conceptual plan based on the public comments
- ✓ Completed development of the master plan
- ✓ Finalized completion schedule with Richland County
- ✓ Completed urban design and TOD development
- ✓ Completed implementation of Public Participation Plan
- ✓ Completed the executive summary
- ✓ Provided updates to the final draft of the master plan
- ✓ Received approval of the master plan to the Richland County Planning Commission
- ✓ Received approval of the master plan from Richland County Council
- ✓ Received a recommendation of approval of the master plan from the COATS Technical Committee
- ✓ Received a recommendation of approval of the master plan from the COATS Transportation Subcommittee
- ✓ Received approval of the master plan from the COATS MPO Board of Directors
- ✓ Participated in the plan development process with Richland County and the City of Columbia
- ✓ Completed the financial closeout process.

Bike and Pedestrian (Regional) Pathways Plan

The Regional Pathways Plan highlights existing and proposed greenway, bikeway, and sidewalk locations in proximity of regional attractions such as schools, parks, churches, and shopping centers. In addition, the plan recommends short and long term projects that local entities can easily identify and incorporate into their respective planning policies, thus encouraging all new subdivisions to connect, if feasible, with these facilities. Over this past year, the following activities have been accomplished:

- ✓ Participated In Lexington County Greenway Committee
- ✓ Participated In City Of Columbia's BikeColumbia Taskforce
- ✓ Participated In Richland County Complete Streets Coalition
- ✓ Held 2 CMCOG Bike-Pedestrian Committee Meetings
- ✓ Received updates on USC Masterplanning, Three Rivers Greenway Masterplanning, Lexington County Greenway Planning, Columbia's Bicycle Route Plan, and Bicycle Community Lexington Project.
- ✓ Participated in meetings with Irmo/Chapin Recreation & River Alliance regarding Funding And Design of Saluda Greenway
- ✓ Completed Phase II of Pathways Plan
- ✓ Created Pathways Information Center (i.e. website and hardcopy notebook)
- ✓ Actively seeking grant resources to fund potential bike-pedestrian-related projects
- ✓ Developing a Level-of-Service bicycle map
- ✓ Participated in webinar training:
 - Planning and Implementing the Active Community
 - Social Media and Electronic Participation In Regional Planning and Economic Development
 - Getting Bike Shops And Advocates To Collaborate On Safe Routes To School
 - Ways To Involve Law Enforcement In Safe Routes To School
 - How To Use The Updated System For Accessing Your Parent Surveys & Student Travel
 - Preventing Roadway Fatalities And Injuries
 - The Health Benefits From Active Transportation
 - Health Impact Assessments (HIAs) in Transportation
 - Community Health and Transportation Planning
 - FHWA Resources for Pedestrian and Bicycle Professionals
 - Getting Started With Scenario Planning
 - Sustainability/Climate Change and Context Sensitive Solutions
 - Rural And Small Metro Alternative Transportation Practices
 - Using Social Media To Improve Bicycle And Pedestrian Facilities
 - Treatments At Unsignalized Pedestrian Crossings
 - How To Build A Walking School Bus Program From Grass Roots
 - Complete Streets: State of the Practice
 - Advanced Access Management For The Transportation Planner
 - Transportation Impact Analyses For Site Development

- Educating The Next Generation Of Pedestrian And Bicycle Professionals: Tools And Resources For Instructors
- Integrating The Aging population Into Livable Communities
- Applying Mobility Management Approaches To Serve Job Access Needs
- Road Diets

Transportation Improvement Program

This project's purpose was to maintain and update the Transportation Improvement Program (TIP) for 2009-2015. Activities for this project will also ensure that the TIP has complied with the requirements of the Clean Air Act, and is in conformity with the Early Action Compact. Over the past year, the following TIP Amendments have occurred:

- The addition of \$4,077,541 per year in guideshare funding to our MPO Guideshare Program starting in FY 2011.
- A percentage adjustment to use 7% of the MPO guideshare funds for the Intersection Improvement Program.
- A percentage adjustment to maintain the existing funding for the COATS Signal System Improvement Program.
- A percentage adjustment to maintain the existing funding for the COATS ITS Improvements Program.
- The addition of \$5.5 million to the Platt Springs Road Widening Project.
- The addition of guidance to improve coordination between the MPO Transportation Improvement Program and the Statewide Transportation Improvement Program.
- An adjustment in the scope to use a \$735,000 FTA Federal Earmark to engineer, acquire, and construct bus shelters and a park and ride lot on North Main Street in the City of Columbia.
- The addition of guideshare funds to the Leesburg Road Widening Project, Hardscrabble Road Widening Project, and the Columbia Avenue Widening Project.
- The addition of the Old Orangeburg Road @ Bill Williamson Court Intersection Improvement Project to the COATS Intersection Improvement Program.
- The addition of the Harbison Blvd @ Park Terrace/Columbiana Entrance Intersection Improvement Project to the COATS Intersection Improvement Program.
- The addition of the I-26 Widening Project to the Projects Exempt from Guideshare section of the TIP.
- The addition of \$200,000 in Section 5307 funds for the North Columbia Intermodal Transit Facility.
- The addition of \$3,920,595 in FY 2010 Section 5307 Funds to the MPO Transit Program.
- The addition of the US 1 @ Oak Drive / St. David Church Road Intersection Improvement Project to the COATS Intersection Improvement Program.

- The addition of \$8.5 million for preliminary engineering in FY 2011 for the I-26 Widening Project.
- The addition of \$300,000 in FY 2011 for signal system improvements along Two Notch Road, Parklane Road, Decker Boulevard, and O'Neil Court.
- The redirection of \$1,027,000 in Congestion Management/ITS Program Funds to the COATS Intersection Improvement Program.
- The addition of \$2,290,000 in CMAQ Funds for SCDOT's SHEP Program. This program will be added to the Project Exempt from Guideshare section of the TIP.
- The addition of the US 378 @ Fairlane Drive / Summer Place Drive Intersection Improvement Project to the COATS Intersection Improvement Program.
- The addition of the Leesburg Road @ Patricia Drive Intersection Improvement Project to the COATS Intersection Improvement Program.
- The addition of the Broad River Road @ Piney Grove Road Intersection Improvement Project to the COATS Intersection Improvement Program.

Newberry/Columbia Alternative Analysis

This project consisted of performing an Alternatives Analysis that evaluated the mode and alignment options for the identified corridor. The Analysis utilized the recently developed modal split component to the region's travel demand model along with the Metropolitan Planning Organization's (MPO) extensive GIS and development-based analytical tools. The analysis informed local officials and community members on the benefits, costs and impacts of transportation options, so that the region can finalize a preference. Upon completion, local and regional decision makers selected a locally preferred alternative that will be adopted by the MPO into the region's long-range transportation plan. Over this past year, the following activities have been accomplished:

- ✓ This project is over 20% completed
- ✓ Received approval from SCDOT on the RFP and support materials
- ✓ Received NTP from SCDOT to solicit the project
- ✓ Posted solicitation in The State Newspaper and SCBO
- ✓ Provided a copy of the RFP packet to our in-house list of consultants
- ✓ Responded to questions and inquiries concerning the RFP
- ✓ Received a total of 4 proposals
- ✓ Assembled an evaluation committee
- ✓ Recommend the selected consultant to the CMCOG Executive Committee
- ✓ Received approval from the Executive Committee to select URS Corporation
- ✓ Informed all consultants of the final results
- ✓ Received the notice to proceed from SCDOT to begin contract negotiations
- ✓ Began the negotiation process
- ✓ Submitted the draft contract to SCDOT
- ✓ Submitted the draft contract to the CMCOG Attorney
- ✓ Executed the final contract with the consultant
- ✓ Provided the consultant with a notice to proceed

Web-Based Online Commuter Matching and TDM Project

This project will consist of developing a web based, commuter matching and Transportation Demand Management service. The web-based carpool, vanpool and bicycle commuter matching service shall offer users the ability to find other people who have a similar transportation need along a similar route. The purpose of this project is to facilitate extensive ridesharing to reduce traffic congestion, increase transportation system efficiency, improve air quality, and reduce commuting costs. Over this past year, the following activities have been accomplished:

- ✓ This project is over 5% completed
- ✓ Received approval from SCDOT on the RFP and support materials
- ✓ Received NTP from SCDOT to solicit the project
- ✓ Posted solicitation in The State Newspaper and SCBO
- ✓ Provided a copy of the RFP packet to our in-house list of consultants
- ✓ Responded to questions and inquiries concerning the RFP
- ✓ Received a total of 2 proposals
- ✓ Assembled an evaluation committee
- ✓ Held interviews for the proposers
- ✓ Recommend the selected consultant to the CMCOG Executive Committee
- ✓ Received approval from the Executive Committee to select GreenRide
- ✓ Informed all consultants of the final results
- ✓ Received the notice to proceed from SCDOT to begin contract negotiations
- ✓ Began the negotiation process
- ✓ Submitted the draft contract to SCDOT
- ✓ Submitted the draft contract to the CMCOG Attorney
- ✓ Executed the final contract with the consultant
- ✓ Provided the consultant with a notice to proceed

Miscellaneous Activities & Special Technical Assistance

This task covers miscellaneous projects that are assigned from time to time, both short-term and infrequent long-term projects that do not warrant individual UPWP Tasks. Over the past year, staff participated in numerous minor efforts under this task to further the needs of both COATS and its member agencies. Over the past year the following has occurred:

- ✓ Continued coordination with Fort Jackson about sustainability
- ✓ Submitted federal grant quarterly reports to the FTA
- ✓ Attended the CMRTA Board Meetings
- ✓ Staff participated in a teleconferences for ITS Coordination, Bus Rapid Transit, and Transit-Oriented Development
- ✓ Staff participated in a Talking Freight Webinar
- ✓ Staff participated in an FTA conference call to discuss DBE goals
- ✓ Staff attended Lexington Greenway Committee Meetings

- ✓ Staff participated in a NADO Conference call about upcoming legislation in the areas of transportation, community development, and climate change
- ✓ Met with SCDOT to discuss COATS Enhancement Projects
- ✓ Continued consultation with the City of Columbia concerning a \$735,000 federal earmark
- ✓ Submitted transit enhancement application to FTA regarding the North Columbia Intermodal Transit Facility
- ✓ Staff participated in FTA TEAM Workshops
- ✓ Staff participated in a webinar to reduce greenhouse gas emissions
- ✓ Staff participated in Lexington County Transit Summit
- ✓ Staff participated in FHWA sponsored Air Quality Conference
- ✓ Staff attended public hearing for Hardscrabble Road
- ✓ Met with SCDOT to discuss COATS Enhancement Projects
- ✓ Sent corrective actions to Enhancement applicants
- ✓ Received updates from SCDOT that corrective actions are being addressed
- ✓ Staff met with SCDOT to discuss transit issues
- ✓ Held a conference call with FTA regarding the \$735,000 federal earmark, intermodal transit center, and transit enhancement application.
- ✓ Staff provided technical assistance to the member governments
- ✓ Staff advertised an amendment to the UPWP and the RPWP for public comment:
- ✓ The addition of \$80,000 in Section 5303/5304 funds to assist in the planning, development, and research of urban and rural area projects.
- ✓ Received, reviewed, and approved the FY 2011 Transportation Enhancement Projects
- ✓ Administered the COATS DBE Plan

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2011 - 2012 COATS Unified Planning Work Program (UPWP) is based on the COATS's 2035 Long-Range Transportation Plan, which was updated and approved by the Policy Committee on December 18, 2008. Emphasis has been placed on developing a program which can be reasonably accomplished with available staff and consultant resources and which is in keeping with the priorities of the COATS area. This 2011 - 2012 UPWP emphasizes activities that promote the implementation of the existing plan and establish a foundation for the 2013 (2012 if designated non-attainment) plan update.

The Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and other Federal legislation (1990 Clean Air Act Amendments and Americans With Disabilities Act of 1990) significantly impact the manner in which the cooperative, continuous and comprehensive transportation planning process is administered. Among the opportunities are funding flexibility, intermodal planning, protection of the environment and the maintenance and preservation of existing transportation infrastructure. Tasks within this work program are organized into several major categories to facilitate review and management as follows:

1 — Program Administration and Support

This category includes general administration, UPWP maintenance and development, and public participation.

2 — Short-Range Transportation Planning

This category includes projects which could be implemented in a shorter time frame and includes activities related to the vehicle data collection, a review of the functional classification system and Geographic Information Systems (GIS) activities.

3 — Long-Range Transportation Planning

The majority of UPWP projects fall under this category are either annual activities or projects that tend to take longer to complete.

4 — Transportation Improvement Program (TIP)

This category includes various tasks associated with the administration and maintenance of the TIP, which identifies projects and programs to receive various sources of federal funds covering highway, transit, and intermodal facilities and programs.

5 — Other Activities

This category includes miscellaneous activities and special technical assistance not otherwise covered.

6 — Budget Tables

2011 - 2012 UNIFIED PLANNING WORK PROGRAM OVERVIEW

The 2011 - 2012 Unified Planning Work Program (UPWP) is based on COATS's 2035 Long-Range Transportation Plan, updated and approved by COATS Policy Committee on December 18, 2008. The goals for this program year are threefold:

Goal #1: To complete outstanding 2010 - 2011 UPWP tasks

Goal #2: To commence and complete new 2011 - 2012 UPWP tasks

Goal #3: To proceed with existing and proposed recurring activities

Goal #1

In order to attain Goal #1, the following specific projects carried over from the 2010 - 2011 UPWP will be continued:

- Newberry/Columbia Alternative Analysis
- Charlotte/Columbia High Capacity Transit Feasibility Study
- Human Service Coordination Plan-Closing the Gaps
- Web Bases Online Commuter Matching and TDM Service

Goal #2

Goal #2 will be achieved by completing the following new 2011 - 2012 tasks:

- Transit Station Feasibility Study
- Regional ITS Architecture
- Environmental Justice

Goal #3

The tasks below make up the remainder of the program and are either required necessary or annual activities.

- | | |
|------------------------------------------------|------------------------------------------------------------------------|
| ➤ General Administration | ➤ Air Quality Conformity |
| ➤ Professional Services | ➤ Long-Range Transportation Plan |
| ➤ Public Participation | ➤ Rail, Truck and Transit Planning |
| ➤ UPWP Maintenance and Development | ➤ TIP Development and Maintenance |
| ➤ Data Collection, Compilation and/or Analysis | ➤ Miscellaneous Activities & Special Technical Assistance |
| ➤ Transportation Project Implementation | ➤ Environmental Mitigation, Agency Consultation, and Safety & Security |
| ➤ Geographic Information Systems | |

Some of these tasks result in an annual report that is reviewed and approved by the appropriate COATS Committee(s), while others are simply a required or necessary aspect of the MPO planning process.

UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

1 — PROGRAM ADMINISTRATION and SUPPORT

1A — General Administration

1B — Professional Services

1C — Public Participation

1D — UPWP Maintenance and Development

PROJECT NO:	1A
PROJECT TITLE:	General Administration
OBJECTIVE: To initiate and properly manage the transportation planning process, ensuring that it is continuous, cooperative, and comprehensive, and in compliance with applicable State and Federal laws and regulations.	
METHODOLOGY: COATS provides staff support to the Policy, Executive, and Transportation Subcommittee, in addition to other permanent and ad-hoc committees. The staff will implement the work task as contained in this UPWP. Other administrative activities included, but are not limited to the following: <ul style="list-style-type: none"> ➤ Acts as local liaison to FHWA, FTA, SCDOT, and other transportation related agencies to ensure coordination ➤ Provide administrative support and technical assistance to the Policy and Executive Committee, Transportation Subcommittee, as well as other permanent and ad-hoc committees, as needed; ➤ Maintain financial records of all revenues and expenditures ➤ Prepare and distribute meeting notices and agenda packages for all COATS committees ➤ Prepare certification documentation, agreements, resolutions, memoranda of understanding (MOU's), etc.; ➤ Attend SCDOT, FHWA, FTA, and MPO training sessions and other necessary workshops and meetings; ➤ Maintain agreements between local governmental agencies and the MPO ➤ Interact/participate in AMPO, APA, and other professional affiliations, to allow for appropriate resources, travel and training as necessary; ➤ Provide funds for the purchase and maintenance of computer hardware and software to support the MPO planning program and related activities, including network maintenance; ➤ Continue COATS commitment to comply with Title VI of the Civil Rights Act of 1964 ➤ Continue COATS commitment to ensure that all of their programs and activities sufficiently address Environmental Justice principles and procedures, as appropriate; and ➤ Continue to comply with the SCDOT and FTA DBE Programs 	
END PRODUCT: The ability to operate the agency as the functional entity; the ability to meet federal and state requirements; the ability to meet local government expectations; Committee Documentation-including: reports, meeting minutes, committee mailings, and related materials; staff involvement in relevant organizations and activities; and adequate computer resources to meet the MPO planning activity requirements.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 20,000.00
Participating Agencies: COATS, Other agencies as appropriate	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 5,000.00
	TOTAL \$ 25,000.00

PROJECT NO:	1B								
PROJECT TITLE:	Professional Services								
<p>OBJECTIVE: To allow staff to utilize a procured consultant for specific engineering, planning, or other necessary services as needed in support of the various annual planning activities at COATS.</p>									
<p>METHODOLOGY:</p> <p>This task provides access to expert professional services when required by staff in support of the various annual planning activities. Specifically, it allows COATS to retain the services of procured consultants to assist with specific technical activities associated with a given project where current staff expertise may not be sufficient.</p> <p>Examples include, but are not limited to:</p> <ul style="list-style-type: none"> ➤ Selected Camden/Columbia Alternative Analysis; ➤ Selected Broad River Road Corridor & Community Study; ➤ Selected Charlotte/Columbia Alternative Analysis; ➤ Selected Rideshare Planning Activities; ➤ Selected Newberry/Columbia Alternative Analysis; ➤ Selected Transportation Planning Activities; and ➤ Other skills that may be necessary to support the UPWP but may be currently absent at the staff level. <p>The South Carolina Department of Transportation and the Federal Highway Administration will have the opportunity to comment on all proposals and contracts before soliciting and/or executing for consulting services.</p>									
<p>END PRODUCT:</p> <p>Professional services to the staff in support of the various planning activities outlined in the 2011 - 2012 UPWP.</p>									
Project Sponsor/Participating Agencies:	Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 20,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 5,000.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 25,000.00</td> </tr> </table>	FHWA(PL)	\$ 20,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 5,000.00	TOTAL	\$ 25,000.00
FHWA(PL)	\$ 20,000.00								
FTA (Section 5307 X-144)	\$ 0.00								
LOCAL	\$ 5,000.00								
TOTAL	\$ 25,000.00								

PROJECT NO:	1C	
PROJECT TITLE:	Public Participation	
OBJECTIVE:		
To enhance COATS transportation planning process with greater opportunities for public participation, input involvement, and exposure.		
METHODOLOGY:		
<p>This task generally provides for the dissemination of information to the public about the transportation planning program. It also covers receiving public comment and input on transportation planning activities through public information meetings both hosted and attended by COATS.</p> <p>Specifically, this task includes the development of strategies for improving the public’s access to the MPO Planning process, including all stages of the development of MPO Planning documents and studies.</p> <p>As part of the task, COATS will continue to ensure that the principles of Environmental Justice, including minority and low income communities; and non-English speaking populations are included and represented in all public outreach efforts.</p> <p>Techniques for the dissemination of information include, but are not limited to the following:</p> <ul style="list-style-type: none"> ➤ Newsletters; ➤ Brochures, flyers, and maps; ➤ Study reports and technical memoranda; ➤ Public information meetings/workshops and conferences; ➤ Media releases, press articles, and paid advertisement/features; ➤ Direct contact with public/citizens mailing lists; ➤ COATS website (www.centralmidlands.org). <p>Public participation opportunities (public input) include:</p> <ul style="list-style-type: none"> ➤ Public meetings/workshops; ➤ Task Forces, focus groups; ➤ Surveys, questionnaires, comment cards, etc. <p>COATS will document the attendance and public comments received to evaluate the effectiveness of the current public involvement practices at all COATS functions.</p>		
END PRODUCT:		
Public participation opportunities/activities, including CMCOG newsletters, reports, press releases, maps, and slide presentations, web site maintenance, meetings, workshops, etc.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 15,000.00
	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 3,750.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 18,750.00

PROJECT NO:	1D								
PROJECT TITLE:	UPWP Maintenance and Development								
<p>OBJECTIVE: Maintain the current 2011 - 2012 Unified Planning Work Program (UPWP), and develop a subsequent work program.</p>									
<p>METHODOLOGY:</p> <p>This task includes all necessary work required to process amendments to the 2011 - 2012 UPWP.</p> <p>In addition, this task will allow for the development of the 2012-2013 UPWP during the 2011 - 2012 program year.</p> <p>The UPWP indicates local, state, and federal funding of the UPWP tasks and identifies the participating agencies for completing the work. The UPWP will be developed according to measures deemed necessary to ensure a “3C” planning process; this is one that is continuing, cooperative, and comprehensive. Copies of the UPWP will be published after approval by the Policy Committee (CMCOG Board of Directors).</p>									
<p>END PRODUCT:</p> <p>Maintenance of and amendments to the 2011 - 2012 UPWP as necessary and appropriate and the development of the 2012 - 2013 UPWP.</p>									
Project Sponsor/Participating Agencies:	Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td>\$ 15,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td>\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td>\$ 3,750.00</td> </tr> <tr> <td>TOTAL</td> <td>\$ 18,750.00</td> </tr> </table>	FHWA(PL)	\$ 15,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 3,750.00	TOTAL	\$ 18,750.00
FHWA(PL)	\$ 15,000.00								
FTA (Section 5307 X-144)	\$ 0.00								
LOCAL	\$ 3,750.00								
TOTAL	\$ 18,750.00								

UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

2 — SHORT-RANGE TRANSPORTATION PLANNING

2A — Data Collection, Compilation, and/or Analysis

2B — Transportation Projects Implementation

2C — Geographic Information System (GIS)

PROJECT NO:	2A									
PROJECT TITLE:	Data Collection, Compilation, and/or Analysis									
OBJECTIVE:										
To collect, analyze and utilize various forms of data that assist in the everyday planning operation of the Metropolitan Planning Organization (MPO).										
METHODOLOGY:										
This UPWP task involves the following subcategories:										
<ul style="list-style-type: none"> ➤ Vehicle Data Collection: The collection of traffic count data and a travel time survey required in support of COATS planning activities. This will be done in accordance with the traffic count information provided by SCDOT. Additionally, this subcategory will include the ongoing effort of maintaining a central database of vehicle traffic counts for the MPO area. ➤ Multi-Family Rental and Condominium Survey: Over 35,910 apartments in this four county study were surveyed. This study determines vacancy rates, rents, planned construction, and includes non-subsidy and rent subsidized apartments, condominiums, planned unit developments, duplex and single floor row houses. ➤ Central Midlands Commercial Real Estate Survey: This region-wide survey covers over 22 million square feet of shopping center space; over 26 million square feet of office space in the central midlands 4 county region. The study determines vacancy rates, rents, and planned construction. ➤ Building Permits: This study tracks construction activity through building permits issued by local governments for residential and commercial structures. This information is used in population projections studies and growth analysis for the central midlands region. In 2010, 6,043 unique building permits valued at \$884.9 million were analyzed: 2,500 Single Family; 692 Multi-family Units; 592 non-residential permits, 725 additions and 1,937 repair permits. ➤ Population Projections: This study uses population projections developed by the US Census Bureau at the State level and County level projections developed by the Office of Research & Statistics. The Central Midlands staff analyzes population growth trends and further disseminates the data into Census Tracts. ➤ 2010 Census: a) Participate as a Regional Census data affiliate agency. b) Review and obtain data from 2010 Census to support transportation planning. c) Review and update Traffic Analysis Zone (TAZ) boundaries. d) Prepare analyses of Census 2010 data (publish on website, maps and documents) 										
END PRODUCT:										
The end products are Vehicle, Population, Multi-Family, Census, and Commercial Real Estate reports. This data is used in the various multi-modal studies and activities undertaken by COATS.										
Project Sponsor/Participating Agencies:		Funding Sources:								
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 40,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 10,000.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 50,000.00</td> </tr> </table>	FHWA(PL)	\$ 40,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 10,000.00	TOTAL	\$ 50,000.00
FHWA(PL)	\$ 40,000.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 10,000.00									
TOTAL	\$ 50,000.00									

PROJECT NO:	2B	
PROJECT TITLE:	Transportation Projects Implementation	
OBJECTIVE:	To implement past and present transportation planning projects that will address the eight planning factors of SAFETEA-LU.	
METHODOLOGY:	<p>This task will address the implementation of transportation planning projects that the staff has either completed, annually implements, or will be completed in this fiscal year. Projects that will be implemented included:</p> <ul style="list-style-type: none"> ➤ Lower Richland Sub-Area Plan ➤ Regional Motor Freight Transportation Plan ➤ Regional Congestion Management Plan ➤ Human Services Transportation Coordination Plan ➤ White Knoll Sub-Area Plan ➤ S-48 Corridor Plan ➤ FTA Sections 5316 & 5317 Program Management Plan ➤ 2035 Long Range Transportation Plan ➤ Commuter Rail Feasibility Study ➤ COATS 2035 TransCad Travel Demand Model ➤ Bicycle and Pedestrian Pathways Plan ➤ Regional Pathways Plan ➤ Transportation Enhancement Program ➤ Irmo/Dutch Fork Sub-Area Plan ➤ Elgin/Richland Northeast Sub-Area Plan ➤ Batesburg-Leesville/Columbia Transit Feasibility Study ➤ Camden/Columbia Alternative Analysis ➤ Broad River Road Corridor & Community Study ➤ AVL Database Maintenance 	
END PRODUCT:	Implementation of transportation planning projects.	
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 40,000.00
	FTA (Section 5307 X-144)	\$ 0.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 10,000.00
	TOTAL	\$ 50,000.00

PROJECT NO:	2C	
PROJECT TITLE:	Geographic Information System (GIS)	
OBJECTIVE:		
To manage the data and software requirements necessary for maintaining and using COATS GIS to support the MPO planning activities (transportation, GIS layers, modeling, mapping, etc.).		
METHODOLOGY:		
<p>The COATS GIS department routinely utilizes GIS technology for transportation planning and analysis. These efforts include but are not limited to: GIS coordination with member governments; spatial database inventorying, management and administration; vehicle traffic count analysis; environmental screening; demographics and research; Environmental Justice/Title VI compliance; and travel demand modeling.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ➤ Continued coordination with member agencies to ensure that the most recent data is being used; ➤ Ongoing GIS database management and QA/QC of all data layers; ➤ Continued updates and QA/QC of data layers generated in house (e.g., population and employment forecasts, traffic counts, project lists, etc.); ➤ Continued GIS support for various UPWP planning efforts ➤ Cartography/Graphic support for visualization, public involvement, and scenario planning; ➤ Continued update and refinement of regional travel demand model and all associated input and output data sources; ➤ Travel Demand modeling as needed for various UPWP planning efforts; ➤ GIS data and Travel Demand Modeling coordination with consultants as required for various UPWP planning efforts. ➤ Update and maintenance of GIS hardware and software components and associated Information Technology infrastructure and support as needed. ➤ Update and maintain TAZ boundaries and census data 		
END PRODUCT:		
Enhanced coordination between COATS and various federal, state, and local agencies to allow for up-to-date GIS data and files. Additionally, enhanced data sets that support COATS planning efforts and high quality cartographic products as required for various UPWP projects.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 30,000.00
	FTA (Section 5307 X-144)	\$ 0.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 7,500.00
	TOTAL	\$ 37,500.00

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UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

3 — LONG-RANGE TRANSPORTATION PLANNING

3A — Air Quality and Conformity

3B — Human Service Coordination-Closing the Gaps Phase II

3C — Long-Range Transportation Plan

3D — Rail, Truck and Transit Planning

3E — Travel Demand Modeling

3F — Sustainable Communities

3G — Bike, Pedestrian, and Greenway Planning

**3H — Environmental Mitigation, Agency Consultation, and
Safety & Security**

3I — Regional ITS Architecture

3J — Transit Station Feasibility Study

3K — Environmental Justice

3L — Disadvantaged Business Enterprise Program

3M — Transit Service and Fare Equity Analysis

PROJECT NO:	3A									
PROJECT TITLE:	Air Quality and Conformity									
OBJECTIVE:										
To continue to provide for air quality planning initiatives that complies with conformity requirements of the Clean Air Act.										
METHODOLOGY:										
<p>Activities continue to increase due to changes in the regulations governing air quality and transportation planning. Air quality activities are related to the Transportation Improvement Program (TIP) and Long-Range Plan (LRTP) conformity determination, Congestion Mitigation Air Quality (CMAQ) project-specific analysis as well as other projects and programs at the federal, state, and local levels. COATS will continue to expand its cooperative relationship with all of the appropriate agencies to address the necessary requirements. These efforts are designed to enhance local ambient air quality as part of the overall strategy to meet Federal and State clean air regulations, promote public health, and assist local development. Coordination and communication with the South Carolina Department of Health and Environmental Control (SCDHEC) and SCDOT will continue regarding the Early Action Compact.</p> <p>Activities will include:</p> <ul style="list-style-type: none"> ➤ Regional Air Quality Forums ➤ Web-based Rideshare Program - This project consists of developing a web-based rideshare program that will lessen vehicle-miles traveled and improve air quality. ➤ Development of an Air Quality Improvement Strategy ➤ Exploration of alternatives that will reduce air quality emissions ➤ Air Quality Assessments on the TIP and the LRTP ➤ Transportation Conformity training - (to provide basic information about conformity requirements and the relationship of the transportation and air quality planning processes in order to prepare staff (and related agency personnel) on interagency collaboration and working effectively in resolving conformity issues). ➤ Development of Transportation Demand Management website - (a comprehensive look at links and information for reducing highway/roadway demand for commuters across the region. Website will feature links to bicycling, walking, transit, air quality, and ridesharing/carpooling programs) 										
END PRODUCT:										
TIP and LRTP Conformity Analysis as well as ongoing adherence to all Federal and State programs and requirements relating to air quality and conformity at COATS. Implementation of a web-based Rideshare Program.										
Project Sponsor/Participating Agencies:	Funding Sources:									
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">FHWA(PL)</td> <td style="text-align: right;">\$ 45,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 11,250.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 56,250.00</td> </tr> </table>		FHWA(PL)	\$ 45,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 11,250.00	TOTAL	\$ 56,250.00
FHWA(PL)	\$ 45,000.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 11,250.00									
TOTAL	\$ 56,250.00									

PROJECT NO:	3B												
PROJECT TITLE:	Human Service Coordination-Closing the Gaps												
OBJECTIVE:													
To develop an implementation plan that will enhance coordination in order to address the existing gaps in services that are currently been provided by the human service agencies.													
METHODOLOGY:													
<p>The Central Midlands Council of Governments seeks the opportunity to develop a comprehensive transit development plan based upon its Human Services Transportation Coordination Plan that was completed in September 2007. The transit development plan will identify the transportation needs of individual with disabilities, the elderly, and individuals with low income for each county in the Central Midlands region. The plan will identify new strategies and strengthen the current infrastructure for meeting those local and regional needs in an economically feasible approach for funding and service implementation. The strategy for this planning proposal is operationally defined as:</p> <ul style="list-style-type: none"> • Identification of the stakeholders involved; • Assessment of available services including current public; private and non-profit providers; • Assessment of transportation needs for the elderly, low-income and disabled individuals; • Create a strategic plan and/or action plan to address the identified gaps between the existing services and the identified needs, as well as opportunities to achieve better service efficiency and; • Create a prioritized list for implementation of actions based in resources, time and feasibility of identified action items. <p>The goals and objectives are reflective of the planning factors as defined in SAFETEA-LU. These planning factors guide current and future capital investments through the 2035 Long Range Transportation Plan (LRTP) and they outline planning initiatives through the annual Unified Planning Work Program (UPWP). These planning factors will identify strategies necessary to obtain the project goals. The planning process includes work and discussion during advisory and/or technical committee meetings, facilitated workshops, structured interviews, and a survey. Our proposal requests \$80,000 in funding is to complete the comprehensive transit development plan. The unmet needs will be grouped into common action items. Each action item will create a strategy and a timeframe by which it's anticipated to be completed. The plan will be periodically updated at the end of each year to show progress and unanticipated changes to the plan. The proposed project will be successfully completed by June 30, 2012.</p>													
END PRODUCT:													
A published implementation plan and administration of the Federal 5316 & 5317 formula programs.													
Project Sponsor/Participating Agencies:	Funding Sources:												
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>FTA 5316</td> <td style="text-align: right;">\$ 67,783.00</td> </tr> <tr> <td>FTA 5317</td> <td style="text-align: right;">\$ 38,548.00</td> </tr> <tr> <td>SCDOT 5303/5304</td> <td style="text-align: right;">\$ 80,000.00</td> </tr> <tr> <td><u>LOCAL</u></td> <td style="text-align: right;"><u>\$ 20,000.00</u></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$206,331.00</td> </tr> </table>	FHWA(PL)	\$ 0.00	FTA 5316	\$ 67,783.00	FTA 5317	\$ 38,548.00	SCDOT 5303/5304	\$ 80,000.00	<u>LOCAL</u>	<u>\$ 20,000.00</u>	TOTAL	\$206,331.00
FHWA(PL)	\$ 0.00												
FTA 5316	\$ 67,783.00												
FTA 5317	\$ 38,548.00												
SCDOT 5303/5304	\$ 80,000.00												
<u>LOCAL</u>	<u>\$ 20,000.00</u>												
TOTAL	\$206,331.00												

PROJECT NO:	3C									
PROJECT TITLE:	Long Range Transportation Plan									
OBJECTIVE:										
To continue implementation of the 2035 Long Range Transportation Plan (LRTP) and begin preparation for an plan update										
METHODOLOGY:										
<p>The Long Range Transportation Plan is a long-range (20+year) strategy and capital improvement program developed to guide the effective investment of public funds in multi-modal transportation facilities. The plan is updated every 5 years, and may be amended as a result of changes in projected Federal, State and local funding, major improvement studies, Congestion Management Process plans, interchange justification studies, and environmental impact studies. The Plan provides the context from which the region's Transportation Improvement Program (TIP), a short-range capital improvement program for implementing highway, transit, and bikeway projects.</p> <p>The COATS's last complete LRTP was the <i>2035 Long Range Transportation Plan</i>, completed in 2008, with previous updates completed in 1998 and 2003.</p> <p>Efforts to develop the next update, which is due in 2013, are underway.</p> <p>All tasks and activities conducted as part of this project will ensure that the principles and procedures of Environmental Justice and Title VI receive the appropriate attention. Future fiscal allocations will be required to allow for continuation and completion of a new LRTP.</p>										
END PRODUCT:										
Implementation and update of the 2035 LRTP.										
Project Sponsor/Participating Agencies:	Funding Sources:									
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 70,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 17,500.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 87,500.00</td> </tr> </table>		FHWA(PL)	\$ 70,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 17,500.00	TOTAL	\$ 87,500.00
FHWA(PL)	\$ 70,000.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 17,500.00									
TOTAL	\$ 87,500.00									

PROJECT NO:	3D
PROJECT TITLE:	Rail, Truck and Transit Planning
OBJECTIVE: To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order effectively address rail, truck and transit transportation issues for moving people and freight, as appropriate.	
METHODOLOGY: <u>Charlotte/Columbia/Charleston/Greenville Alternative Analysis</u> An Alternatives Analysis study is a required planning step in the Federal Transit Administration's (FTA) process for pursuing New Starts grant program funding for major transit system expansions. The study will examine all of the transit options available to determine a locally preferred alternative for corridor connections between Charlotte, Columbia, Charleston, and/or Greenville. Conducting an Alternatives Analysis study is a critical step in taking a transit project from concept to reality. Investing in this planning process will put CMCOG in position to compete for New Starts funding. <u>Commuter Rail Feasibility Assessment</u> CMCOG will assess the feasibility of establishing a commuter rail service through the following steps: <ul style="list-style-type: none"> ❖ Reviewing current and projected populations along the designated corridors ❖ Analyzing freight movement ❖ Investigating funding options and opportunities ❖ Investigating interest and support in establishing service <u>Newberry/Columbia Alternative Analysis & Camden-Columbia Alternative Analysis</u> An Alternatives Analysis study is a required planning step in the Federal Transit Administration's (FTA) process for pursuing New Starts grant program funding for major transit system expansions. The studies will examine all of the transit options available to determine a locally preferred alternative for the Newberry to Columbia & Camden to Columbia Corridors. Conducting an Alternatives Analysis study is a critical step in taking a transit project from concept to reality. Investing in these planning processes will put CMCOG in position to compete for New Starts funding.	
END PRODUCT: An assessment of high capacity transit options between Newberry, Charlotte, Greenville, Charleston, and Columbia. As well, the continued implementation of the Commuter Rail Plan.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 85,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5339) \$ 597,000.00
	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 170,500.00
	TOTAL \$ 852,500.00

PROJECT NO:	3E									
PROJECT TITLE:	Travel Demand Modeling									
OBJECTIVE:	To continue the efforts of migrating to a new software platform for Travel Demand Modeling and to expand upon its development.									
METHODOLOGY:	<p><u>Travel Demand Modeling</u></p> <p>Travel forecasting models are used to predict changes in travel patterns and the utilization of the transportation system in response to changes in regional development, demographics, and transportation supply. Modeling travel demand is a challenging task, but one that is required for rational planning and evaluation of transportation systems. The COATS MPO completed the development of its 2035 TransCad Travel Demand Model in FY 08 and will continue implementation of this transportation tool to evaluate and enhance the regional transportation system.</p>									
END PRODUCT:	Implementation of the travel demand model to evaluate and enhance the regional transportation system.									
Project Sponsor/Participating Agencies:	Funding Sources:									
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 50,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 12,500.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 62,500.00</td> </tr> </table>		FHWA(PL)	\$ 50,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 12,500.00	TOTAL	\$ 62,500.00
FHWA(PL)	\$ 50,000.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 12,500.00									
TOTAL	\$ 62,500.00									

PROJECT NO:	3F								
PROJECT TITLE:	Sustainable Communities								
OBJECTIVE:									
To create strong, sustainable communities by connecting housing to jobs, fostering local innovation, and helping to build a clean energy economy.									
METHODOLOGY:									
<p>A top priority of President Barack Obama is to build economically competitive, healthy, opportunity-rich communities. In the 2010 Budget, Congress provided a total of \$150 million to HUD for a Sustainable Communities Initiative to improve regional planning efforts that integrate housing and transportation decisions, and increase the capacity to improve land use and zoning. Of that total, approximately \$100 million will be available for regional integrated planning initiatives through HUD's Sustainable Communities Planning Grant Program.</p> <p>As part of a commitment to listening and learning, HUD is providing an Advance Notice with a description and framework of the grant program for public comment. HUD will be seeking input from the public, including State and local governments, regional bodies, community development entities, and a broad range of other stakeholders on how the Program should be structured in order to have the most meaningful impact on sustainable regional planning.</p>									
END PRODUCT:									
Foster and encourage local innovation, create an partnership across the Central Midlands region and provide resources and tools to help communities realize their own visions for building more livable, walkable, environmentally sustainable region.									
Project Sponsor/Participating Agencies:	Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 25,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 6,250.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 31,250.00</td> </tr> </table>	FHWA(PL)	\$ 25,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 6,250.00	TOTAL	\$ 31,250.00
FHWA(PL)	\$ 25,000.00								
FTA (Section 5307 X-144)	\$ 0.00								
LOCAL	\$ 6,250.00								
TOTAL	\$ 31,250.00								

PROJECT NO:	3G
PROJECT TITLE:	Bike, Pedestrian, and Greenway Planning
OBJECTIVE: To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order to effectively address pathways and greenways transportation issues. Activities under this task will also contribute to improved air quality in the MPO area.	
METHODOLOGY: Provide input and technical assistance from a multi-modal perspective to all COATS transportation projects in order that bicycle and pedestrian travel are given appropriate consideration in any given COATS project; <ul style="list-style-type: none"> • Conduct data collection, identify and assess existing conditions, develop and evaluate alternatives and/or prepare recommendations as required; • Identify issues of concern within the multi-modal arena for which a focused substantive transportation study may be appropriate; • Provide staff support to multi-modal advisory committees and utilize, as appropriate, the committees as resources for providing input to specific multi-modal projects as well as multi-modal program development; and • Revise and update the 2006 Bike and Pedestrian Plan. 	
END PRODUCT: Revisions and updates to the 2006 Bicycle and Pedestrian Plan. Technical reports and memoranda will be developed in association with the maintenance and monitoring of non-motorized transportation activities.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 25,000.00
Participating Agencies: COATS, CMOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 6,250.00
	TOTAL \$ 31,250.00

PROJECT NO:	3H	
PROJECT TITLE:	Environmental Mitigation, Agency Consultation, and Safety & Security	
OBJECTIVE:		
Transportation Related Land Use and Environmental Planning		
METHODOLOGY:		
<p>This project is based on the recognition that the way we develop our cities, towns and suburbs has a tremendous impact on the costs and efficiency of all modes of transportation. Unplanned sprawl can have a number of effects on transportation and environmental quality, including increasing the average vehicle miles traveled, undermining efforts to provide mass transit, overburdening of roads and intersections, diminished air quality and loss of green space. The activities involved in this project will seek to help our local governments develop and implement land use policies that support transportation and environmental objectives.</p> <p>Proposed activities include:</p> <ul style="list-style-type: none"> • Preparing transportation elements for member local comprehensive plans. This will be done in coordination with overall comprehensive plan updates as well as plan amendments needed to comply with the SC Priority Investment Act, which introduces new standards for transportation and capital improvements planning. • Development of policies, proposals and programs to mitigate the environmental impacts of transportation facilities, including green infrastructure planning (linking together major, protected green spaces into a regional system); development of wetlands and stream mitigation banking opportunities, and promotion of trip-reduction strategies. 		
END PRODUCT:		
Published comprehensive planning documents including the components listed above. Coordinate with local jurisdictions.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 75,000.00
	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 18,750.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 93,750.00

PROJECT NO:	3I								
PROJECT TITLE:	Regional ITS Architecture								
<p>OBJECTIVE: To explore and define transportation technologies that are use to communicate and disseminate information throughout the region.</p>									
<p>METHODOLOGY:</p> <p>The Regional ITS Architecture is a tool to help ITS project sponsors develop projects by providing a basic framework for how different ITS projects in the region fit together, encouraging stakeholder involvement in project planning, and promoting the use of common design and communication standards. A major goal is the integration of ITS projects so that data can be cost-effectively shared between projects. The Architecture is important because, per federal law, most ITS projects must demonstrate that they fit within the Architecture in order to receive federal funds.</p> <p>The architecture will be an important new tool used by:</p> <ul style="list-style-type: none"> • COATS MPO to better reflect integration opportunities and operational needs into the transportation planning process. • Operating agencies to recognize and plan for transportation integration opportunities in the region. • Other organizations and individuals that use the transportation system in the COATS study area. <p>The regional ITS architecture will have a particular focus on those systems and interfaces that are likely to be implemented in the next ten years. The architecture covers the broad spectrum of Intelligent Transportation Systems, including Traffic Management, Transit Management, Traveler Information, Emergency Management, and Emergency/Incident Management over this time horizon.</p>									
<p>END PRODUCT:</p> <p>A published Regional ITS Architecture that satisfies the needs of the member agencies, State and regional agencies, and the requirements of the MPO.</p>									
Project Sponsor/Participating Agencies:	Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td>\$ 0.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td>\$113,451.00</td> </tr> <tr> <td><u>LOCAL</u></td> <td><u>\$ 28,362.75</u></td> </tr> <tr> <td>TOTAL</td> <td>\$141,813.75</td> </tr> </table>	FHWA(PL)	\$ 0.00	FTA (Section 5307 X-144)	\$113,451.00	<u>LOCAL</u>	<u>\$ 28,362.75</u>	TOTAL	\$141,813.75
FHWA(PL)	\$ 0.00								
FTA (Section 5307 X-144)	\$113,451.00								
<u>LOCAL</u>	<u>\$ 28,362.75</u>								
TOTAL	\$141,813.75								

PROJECT NO:	3J
PROJECT TITLE:	Transit Station Feasibility Study
OBJECTIVE: Development of a site selection study for a new Intermodal Transportation Center	
METHODOLOGY: This study will examine the feasibility of creating a new intermodal transportation center in the City Center, adjacent to the existing passenger rail line. The study will also provide recommendations to create intermodal connectivity, improve public transportation and passenger efficiencies and identify potential opportunities for adaptive reuse of the existing transportation resources.	
END PRODUCT: A site selection study that identifies the most feasible location for an intermodal transportation center.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 15,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-TBA) \$120,000.00
	LOCAL \$ 33,750.00
	TOTAL \$168,750.00

PROJECT NO:	3K	
PROJECT TITLE:	Environmental Justice	
OBJECTIVE:		
To continue to study issues relevant to environmental justice in the COATS area. This includes examining the relationship between various socio-economic and demographic data and the transportation systems and plans in the MPO area.		
METHODOLOGY:		
This is an annual activity to address environmental justice issues in the MPO area by examining the relationship between various socio-economic/demographic data and the transportation systems and plans. In general, the following will be completed:		
<ul style="list-style-type: none"> • Update target areas as necessary and as data allows; • Utilize available data sets to refine where necessary the geographic areas where the noted socio-economic and demographic conditions exist in the MPO area; • Continue to examine the existing transportation and transit system as it relates to the areas noted above; • Continue to examine the location of future transportation projects via the LRTP and the TIP, and study the correlation of these future projects to the areas noted above; and • Utilize GIS and other automated tools, create maps, charts, and other relevant graphics to depict the existing and potential future conditions relevant to environmental justice 		
The findings of this process should be taken into consideration for future transportation planning and capital projects in the MPO area.		
END PRODUCT:		
Continued effort in the Environmental Justice arena to further the MPO's progress in meeting federal requirements.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 30,000.00
	FTA (Section 5307 X-TBA)	\$ 0.00
	LOCAL	\$ 7,500.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 37,500.00

PROJECT NO:	3L								
PROJECT TITLE:	Disadvantaged Business Enterprise Program								
OBJECTIVE:									
The update the CMCOG Disadvantaged Business Enterprise Program									
METHODOLOGY:									
<p>In accordance with the requirements of 49 Code of Federal Regulations Part 26 (49 CFR 26), CMCOG will update its Disadvantaged Business Enterprise Program (DBE Program) for the purpose of leveling the playing field for DBEs with respect to projects funded in whole or part by the U. S. Department of Transportation (USDOT or DOT). The provisions of the DBE Program shall apply to all recipients and subrecipients, including contractors and subcontractors, of Federal highway funding under Titles I (other than Part B) and V of the Inter-modal Surface Transportation Efficiency Act (ISTEA) of 1991; Titles I, III and V of the Transportation Equity Act for the 21st Century (TEA-21); Federal transit funds authorized by Titles I, III and V of TEA-21 and airport funds authorized by 49 U.S.C. 47101, <i>et. seq.</i></p> <p>The program has functioned as an integral component of the federal highway construction program by providing the impetus for increasing the participation of minorities and women in contracting opportunities funded by USDOT. This program extends the commitment to provide equal opportunity to all contractors, subcontractors, consultants and sub-consultants qualified to perform on USDOT assisted contracts.</p> <p>This program document will supersede any previously issued policy or procedural statements that may conflict with its content. In the event that any language within this program document conflicts with the regulations found at 49 CFR 26, the regulations shall have primary authority.</p>									
END PRODUCT:									
Revised and updated DBE Program									
Project Sponsor/Participating Agencies:	Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table> <tr> <td>FHWA(PL)</td> <td>\$ 30,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-TBA)</td> <td>\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td>\$ 7,500.00</td> </tr> <tr> <td>TOTAL</td> <td>\$ 37,500.00</td> </tr> </table>	FHWA(PL)	\$ 30,000.00	FTA (Section 5307 X-TBA)	\$ 0.00	LOCAL	\$ 7,500.00	TOTAL	\$ 37,500.00
FHWA(PL)	\$ 30,000.00								
FTA (Section 5307 X-TBA)	\$ 0.00								
LOCAL	\$ 7,500.00								
TOTAL	\$ 37,500.00								

PROJECT NO:	3M									
PROJECT TITLE:	Transit Service and Fare Equity Analysis									
OBJECTIVE:										
Assess the disproportionate impacts of any major service or fare changes as proposed by the CMRTA										
METHODOLOGY:										
<p>Transit Agencies serving urbanized areas over 200,000 who propose major service changes or fare changes are required to submit a Service and Fare Equity Analysis to FTA. The Service and Fare Equity analysis is required by FTA Circular 4702.1A. CMCOG in coordination with CMRTA will perform a service and fare equity analysis for any major service changes or fare changes that may impact CMRTA transit system.</p> <p>This analysis will include:</p> <ul style="list-style-type: none"> • Assessing the effects of the proposed fare or service changes. • Assessing the alternatives available for people affected by change. • Determining if proposals would have a disproportionately high and adverse effect on minority and low income riders. • Describing the actions proposes to minimize, mitigate, or offset any adverse effects 										
END PRODUCT:										
A completed service and fare equity analysis that's compliant with all applicable guidelines.										
Project Sponsor/Participating Agencies:	Funding Sources:									
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">FHWA(PL)</td> <td style="text-align: right;">\$ 15,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-TBA)</td> <td style="text-align: right;">\$ 80,000.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 23,750.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$118,750.00</td> </tr> </table>		FHWA(PL)	\$ 15,000.00	FTA (Section 5307 X-TBA)	\$ 80,000.00	LOCAL	\$ 23,750.00	TOTAL	\$118,750.00
FHWA(PL)	\$ 15,000.00									
FTA (Section 5307 X-TBA)	\$ 80,000.00									
LOCAL	\$ 23,750.00									
TOTAL	\$118,750.00									

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UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

4 — TRANSPORTATION IMPROVEMENT PROGRAM

4A — TIP Development and Maintenance

PROJECT NO:	4A	
PROJECT TITLE:	TIP Development and Maintenance	
OBJECTIVE:		
Maintain and update the Transportation Improvement Plan (TIP). Activities for this project will also ensure that the TIP is in compliance with all federal and state requirements.		
METHODOLOGY:		
<p>The current TIP will be maintained, and updated as necessary, in cooperation with the SCDOT, units of local government, and the CMRTA.</p> <p>In addition, COATS will be developing a new biennial TIP beginning in the Spring of odd-numbered years, with final adoption and distribution occurring in the following even-numbered year. In addition to dealing with typical TIP update and development issues, this effort will also coincide with the STIP development, therefore, additional lead time will most likely be required to sort out schedules, responsibilities, and funding allocations. The TIP update will also be affected by the guidance presented in the Federal Highway Legislation.</p> <p>COATS will coordinate with the SCDOT Planning Office and Program Development to produce the required Annual Listing of Projects that will be included in the TIP.</p>		
END PRODUCT:		
A Transportation Improvement Program that is maintained, kept up to date, and in compliance with all federal and state requirements.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 45,000.00
	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 11,250.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 56,250.00

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UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

5 — OTHER ACTIVITIES

5A — Miscellaneous Activities and Special Technical Assistance

PROJECT NO:	5A									
PROJECT TITLE:	Miscellaneous Activities and Special Technical Assistance									
OBJECTIVE:										
<p>This task covers miscellaneous projects that are assigned from time to time, both short-term and infrequent long-term projects that do not warrant individual UPWP projects. Additionally, this task provides for special technical assistance to member governments, and other agencies and/or organizations as appropriate.</p>										
METHODOLOGY:										
<p>From time to time, miscellaneous projects are assigned to staff. Many are one-time studies or reports, while other tasks are more long-term in nature, and are infrequent enough or so limited in scope of MPO participation, and therefore do not warrant a separate UPWP project.</p> <p>Tasks may include such activities as participation in various SCDOT statewide initiatives, and reviewing proposed Federal regulations.</p> <p>This task also allows COATS to provide technical assistance to member governments and other agencies/organizations which was not foreseen or known during the preparation of the annual UPWP.</p> <p>As this is an annual program, the funding identified in the 2011 - 2012 UPWP is subject to change. Since there may be new required initiatives for the MPO to undertake, it is the intention of COATS to amend this document as needed and allocate funding to a specific project(s) as allowable.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ➤ Administering the COATS Transportation Enhancement Program ➤ Monitoring of the Federal Highway Legislation Reauthorization ➤ Member Government Comprehensive Assessments ➤ Implementing FTA and FHWA regulations 										
END PRODUCT:										
<p>Various activities, technical assistance, research, analysis, published documents, memoranda, brief reports, etc., as appropriate.</p>										
Project Sponsor/Participating Agencies:		Funding Sources:								
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>		<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 14,714.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 3,678.50</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 18,392.50</td> </tr> </table>	FHWA(PL)	\$ 14,714.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 3,678.50	TOTAL	\$ 18,392.50
FHWA(PL)	\$ 14,714.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 3,678.50									
TOTAL	\$ 18,392.50									

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UNIFIED PLANNING WORK PROGRAM

FY 2011 - 2012

6 — BUDGET TABLES

2011 - 2012 Table 1 – Summary Budget

2011 - 2012 Table 2 – Summary Budget – Federal Programs

2011 - 2012 Table 3 – SAFETEA-LU Task Matrix

2011-2012 UPWP TABLE 1 - SUMMARY BUDGET																		
TASK			FUNDING SOURCES															
ID	SUB-ID	Category	FHWA-PL	CMCOG Match for FHWA-PL	SCDOT - State Matching Funds	**Richland County Government	FTA 5316	FTA 5317	FTA 5307	CMCOG Match for FTA	SCDOT 5303/5304	CMCOG Match for SCDOT 5303/5304	*FTA 5339	CMCOG Match for FTA 5339	FTA 5307 (X-144)	CMCOG Match for FTA X-144	CMCOG Total Match	Total
1		Program Administration and Support																
1A		General Administration	\$ 20,000.00	\$ 5,000.00													\$ 5,000.00	\$ 25,000.00
1B		Professional Services	\$ 20,000.00	\$ 5,000.00													\$ 5,000.00	\$ 25,000.00
1C		Public Participation	\$ 15,000.00	\$ 3,750.00													\$ 3,750.00	\$ 18,750.00
1D		UPWP Maintenance and Development	\$ 15,000.00	\$ 3,750.00													\$ 3,750.00	\$ 18,750.00
Total			\$ 70,000.00	\$ 17,500.00										\$ -	\$ -	\$ -	\$ 17,500.00	\$ 87,500.00
2		Short-Range Transportation Planning																
2A		Data Collection, Compilation, and/or Analysis	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
2B		Transportation Planning Projects Implementation	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
2C		Geographic Information System (GIS)	\$ 30,000.00	\$ 7,500.00													\$ 7,500.00	\$ 37,500.00
Total			\$ 110,000.00	\$ 27,500.00										\$ -	\$ -	\$ -	\$ 27,500.00	\$ 137,500.00
3		Long-Range Transportation Planning																
3A		Air Quality and Conformity	\$ 20,000.00	\$ 5,000.00													\$ 5,000.00	\$ 25,000.00
	3A-1	Rideshare Program	\$ 25,000.00	\$ 6,250.00													\$ 6,250.00	\$ 31,250.00
3B		Human Service Coordination Plan-Closing the Gaps	\$ -	\$ -			\$ 67,783.00	\$ 38,548.00			\$ 80,000.00	\$ 20,000.00					\$ 20,000.00	\$ 206,331.00
3C		Long-Range Transportation Plan	\$ 70,000.00	\$ 17,500.00													\$ 17,500.00	\$ 87,500.00
3D		Rail, Truck and Transit Planning	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
	3D - 1	Camden/Columbia Alternative Analysis	\$ -	\$ -									\$ 297,000.00	\$ 74,250.00			\$ 74,250.00	\$ 371,250.00
	3D - 2	Commuter Rail Feasibility Study	\$ 25,000.00	\$ 6,250.00													\$ 6,250.00	\$ 31,250.00
	3D - 3	Newberry/Columbia Alternative Analysis	\$ 10,000.00	\$ 2,500.00									\$ 200,000.00	\$ 50,000.00			\$ 52,500.00	\$ 262,500.00
	3D - 4	Charlotte/Columbia Alternative Analysis	\$ 10,000.00	\$ 2,500.00									\$ 100,000.00	\$ 25,000.00			\$ 27,500.00	\$ 137,500.00
3E		Travel Demand Modeling	\$ 50,000.00	\$ 12,500.00													\$ 12,500.00	\$ 62,500.00
3F		Sustainable Communities	\$ 25,000.00	\$ 6,250.00													\$ 6,250.00	\$ 31,250.00
3G		Bike, Pedestrian, and Greenway Planning	\$ 25,000.00	\$ 6,250.00													\$ 6,250.00	\$ 31,250.00
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	\$ 75,000.00	\$ 18,750.00													\$ 18,750.00	\$ 93,750.00
3I		Regional ITS Architecture	\$ -	\$ -						\$ -					\$ 113,451.00	\$ 28,362.75	\$ 28,362.75	\$ 141,813.75
3J		Transit Station Feasibility Study	\$ 15,000.00	\$ 3,750.00					\$ 120,000.00	\$ 30,000.00							\$ 33,750.00	\$ 168,750.00
3K		Environmental Justice	\$ 30,000.00	\$ 7,500.00													\$ 7,500.00	\$ 37,500.00
3L		Disadvantaged Business Enterprise Program	\$ 30,000.00	\$ 7,500.00													\$ 7,500.00	\$ 37,500.00
3M		Transit Service and Fare Equity Analysis	\$ 15,000.00	\$ 3,750.00					\$ 80,000.00	\$ 20,000.00							\$ 23,750.00	\$ 118,750.00
Total			\$ 465,000.00	\$ 116,250.00	\$ -	\$ -	\$ 67,783.00	\$ 38,548.00	\$ 200,000.00	\$ 50,000.00	\$ 80,000.00	\$ 20,000.00	\$ 597,000.00	\$ 149,250.00	\$ 113,451.00	\$ 28,362.75	\$ 363,862.75	\$ 1,925,644.75
4		Transportation Improvement Program (TIP)																
4A		TIP Development and Maintenance	\$ 45,000.00	\$ 11,250.00													\$ 11,250.00	\$ 56,250.00
Total			\$ 45,000.00	\$ 11,250.00										\$ -	\$ -	\$ -	\$ 11,250.00	\$ 56,250.00
5		Other Activities																
5A		Miscellaneous Activities and Special Technical Assistance	\$ 14,714.00	\$ 3,678.50													\$ 3,678.50	\$ 18,392.50
					\$ -												\$ -	\$ -
Total			\$ 14,714.00	\$ 3,678.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,678.50	\$ 18,392.50
Grand Total			\$ 704,714.00	\$ 176,178.50	\$ -	\$ -	\$ 67,783.00	\$ 38,548.00	\$ 200,000.00	\$ 50,000.00	\$ 80,000.00	\$ 20,000.00	\$ 597,000.00	\$ 149,250.00	\$ 113,451.00	\$ 28,362.75	\$ 423,791.25	\$ 2,225,287.25

*Funding shown in FTA Section 5339 for the Commuter Rail Feasibility Study will be expended over multiple years

**Richland County Government has committed funding and provided the local match for the Broad River Road Corridor & Community Study

***SCDOT will provide the local match

****5316 & 5317 funding includes fiscal years 2007, 2008, & 2009

2011 - 2012 UPWP TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS														
TASK			BUDGET											
ID	SUB-ID	Category	FHWA-PL	SCDOT - State Matching Funds	**Richland County Government	****FTA 5316	****FTA 5317	FTA 5307	SCDOT 5303/5304	*FTA 5339	FTA 5307 (X-144)	TOTAL FEDERAL	Total Local Match	Total
1		Program Administration and Support												
1A		General Administration	\$ 20,000.00									\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
1B		Professional Services	\$ 20,000.00									\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
1C		Public Participation	\$ 15,000.00									\$ 15,000.00	\$ 3,750.00	\$ 18,750.00
1D		UPWP Maintenance and Development	\$ 15,000.00									\$ 15,000.00	\$ 3,750.00	\$ 18,750.00
Total			\$ 70,000.00								\$ -	\$ 70,000.00	\$ 17,500.00	\$ 87,500.00
2		Short-Range Transportation Planning												
2A		Data Collection, Compilation, and/or Analysis	\$ 40,000.00									\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
2B		Transportation Projects Implementation	\$ 40,000.00									\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
2C		Geographic Information System (GIS)	\$ 30,000.00									\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
Total			\$ 110,000.00								\$ -	\$ 110,000.00	\$ 27,500.00	\$ 137,500.00
3		Long-Range Transportation Planning												
3A		Air Quality and Conformity	\$ 20,000.00									\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
	3A-1	Rideshare Program	\$ 25,000.00								\$ -	\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
3B		Human Service Coordination Plan-Closing the Gaps	\$ -			\$ 67,783.00	\$ 38,548.00		\$ 80,000.00			\$ 186,331.00	\$ 20,000.00	\$ 206,331.00
3C		Long-Range Transportation Plan	\$ 70,000.00									\$ 70,000.00	\$ 17,500.00	\$ 87,500.00
3D		Rail, Truck and Transit Planning	\$ 40,000.00									\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
	3D - 1	Camden/Columbia Alternative Analysis	\$ -							\$ 297,000.00	\$ -	\$ 297,000.00	\$ 74,250.00	\$ 371,250.00
	3D - 2	Commuter Rail Feasibility Study	\$ 25,000.00									\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
	3D - 3	Newberry/Columbia Alternative Analysis	\$ 10,000.00							\$ 200,000.00		\$ 210,000.00	\$ 52,500.00	\$ 262,500.00
	3D - 4	Charlotte/Columbia Alternative Analysis	\$ 10,000.00							\$ 100,000.00		\$ 110,000.00	\$ 27,500.00	\$ 137,500.00
3E		Travel Demand Modeling	\$ 50,000.00								\$ -	\$ 50,000.00	\$ 12,500.00	\$ 62,500.00
3F		Sustainable Communities	\$ 25,000.00									\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
3G		Bike, Pedestrian, and Greenway Planning	\$ 25,000.00									\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	\$ 75,000.00									\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
3I		Regional ITS Architecture	\$ -								\$ 113,451.00	\$ 113,451.00	\$ 28,362.75	\$ 141,813.75
3J		Transit Station Feasibility Study	\$ 15,000.00					\$ 120,000.00				\$ 135,000.00	\$ 33,750.00	\$ 168,750.00
3K		Environmental Justice	\$ 30,000.00									\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
3L		Disadvantaged Business Enterprise Program	\$ 30,000.00									\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
3M		Transit Service and Fare Equity Analysis	\$ 15,000.00					\$ 80,000.00				\$ 95,000.00	\$ 23,750.00	\$ 118,750.00
Total			\$ 465,000.00	\$ -	\$ -	\$ 67,783.00	\$ 38,548.00	\$ 200,000.00	\$ 80,000.00	\$ 597,000.00	\$ 113,451.00	\$ 1,561,782.00	\$ 363,862.75	\$ 1,925,644.75
4		Transportation Improvement Program (TIP)												
4A		TIP Development and Maintenance	\$ 45,000.00									\$ 45,000.00	\$ 11,250.00	\$ 56,250.00
Total			\$ 45,000.00								\$ -	\$ 45,000.00	\$ 11,250.00	\$ 56,250.00
5		Other Activities												
5A		Miscellaneous Activities and Special Technical Assistance	\$ 14,714.00									\$ 14,714.00	\$ 3,678.50	\$ 18,392.50
Total			\$ 14,714.00	\$ -							\$ -	\$ 14,714.00	\$ 3,678.50	\$ 18,392.50
Grand Total			\$ 704,714.00	\$ -	\$ -	\$ 67,783.00	\$ 38,548.00	\$ 200,000.00	\$ 80,000.00	\$ 597,000.00	\$ 113,451.00	\$ 1,801,496.00	\$ 423,791.25	\$ 2,225,287.25
Grand Total (Including Richland CTC & Richland County Funds)			\$ -								plus	\$ 2,225,287.25	equals	\$ 2,225,287.25

*Funding shown in FTA Section 5339 for the Commuter Rail Feasibility Study will be expended over multiple years

**Richland County Government has committed funding and provided the local match for the Broad River Road Corridor & Community Study

***SCDOT will provide the local match

****5316 & 5317 funding includes fiscal years 2007, 2008, & 2009

2011 - 2012 UPWP TABLE 3 - SAFETEA-LU TASK MATRIX

SAFE, ACCOUNTABLE, FLEXIBLE, EFFICIENT - A LEGACY FOR USERS PLANNING FACTORS													
ID	SUB-ID	Category	Economic Viability	Safety	Security	Accessibility and Mobility	Environment- Energy- Conservation- Economic- Development	Integration and Connectivity	System Management and Operation	System Preservation	Estimated Completion Date	*Tracking Schedule	
1		Program Administration and Support											
1A		General Administration	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
1B		Professional Services	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
1C		Public Participation	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
1D		UPWP Maintenance and Development	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
2		Short-Range Transportation Planning											
2A		Data Collection, Compilation, and/or Analysis	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
2B		Transportation Projects Implementation	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
2C		Geographic Information System (GIS)	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3		Long-Range Transportation Planning											
3A		Air Quality and Conformity	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
	3A-1	Rideshare Program	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3B		Human Service Coordination Plan-Closing the Gaps	X	X	X	X	X	X	X	X	Jun-12	PL Quarterly Report	
3C		Long-Range Transportation Plan	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3D		Rail, Truck and Transit Planning	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
	3D - 1	Camden/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	Dec-11	PL Quarterly Report	
	3D - 2	Commuter Rail Feasibility Study	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
	3D - 3	Newberry/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	Jun-12	Technical Memos	
	3D - 4	Charlotte/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	Jun-12	Technical Memos	
3E		Travel Demand Modeling	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3F		Sustainable Communities	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3G		Bike, Pedestrian, and Greenway Planning	X	X	X	X	X	X	X	X	Jun-12	PL Quarterly Report	
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
3I		Regional ITS Architecture	X	X	X	X	X	X	X	X	Jun-12	Technical Memos	
3J		Transit Station Feasibility Study	X	X	X	X	X	X	X	X	Jun-12	Technical Memos	
3K		Environmental Justice	X	X	X	X	X	X	X	X	Jun-12	PL Quarterly Report	
3L		Disadvantaged Business Enterprise Program	X	X	X	X	X	X	X	X	Jun-12	PL Quarterly Report	
3M		Transit Service and Fare Equity Analysis	X	X	X	X	X	X	X	X	Jun-12	PL Quarterly Report	
4		Transportation Improvement Program (TIP)											
4A		TIP Development and Maintenance	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	
5		Other Activities											
5A		Miscellaneous Activities and Special Technical Assistance	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report	

*Tracking the UPWP tasks will be addressed in two ways. Several tasks will be completed through the solicitation of consultants. These consultants will signify the meeting of a milestone or benchmark through the delivery of technical memos. These technical memos will be part of the contractual agreement with the consultant and will be used to track the development of that specific task. The other way tasks will be tracked is through the planning funds quarterly reports. The MPO submits quarterly reports to SCDOT summarizing the progress of the various tasks that have been identified in the UPWP. These quarterly reports can be used by MPO and SCDOT to track the progress of each task and the overall performance of the UPWP.

FY 2012 UPWP

APPROVED UPWP AMENDMENTS

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

**Approved by the Policy Committee of the
Columbia Area Transportation Study**

This document was completed with the assistance of the Federal Highway Administration,
Federal Transit Administration and the South Carolina Department of Transportation.

