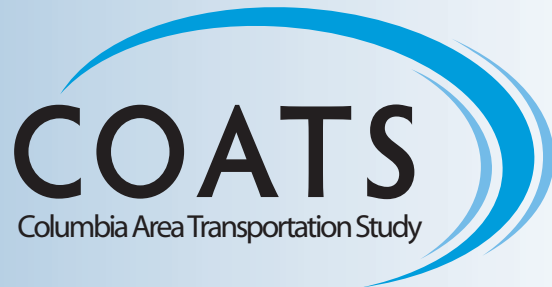


Unified Planning Work Program



FY 2009/10

Prepared by the
Central Midlands Council of Governments
236 Stoneridge Drive
Columbia, SC 29210
Phone: (803)376-5390
Fax: (803)376-5394
www.centralmidlands.org

Adopted on June 25, 2009

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2009-2010

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 25, 2009

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**COLUMBIA AREA TRANSPORTATION STUDY
2009 – 2010 UNIFIED PLANNING WORK PROGRAM**

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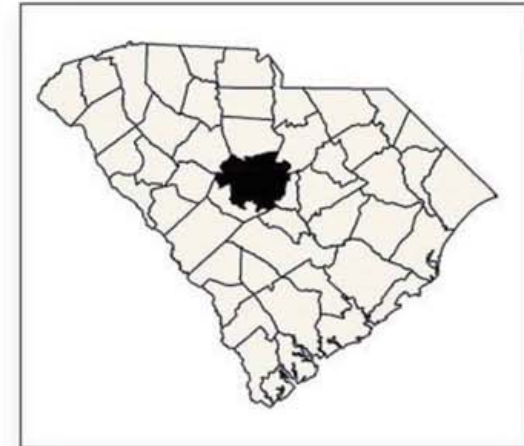
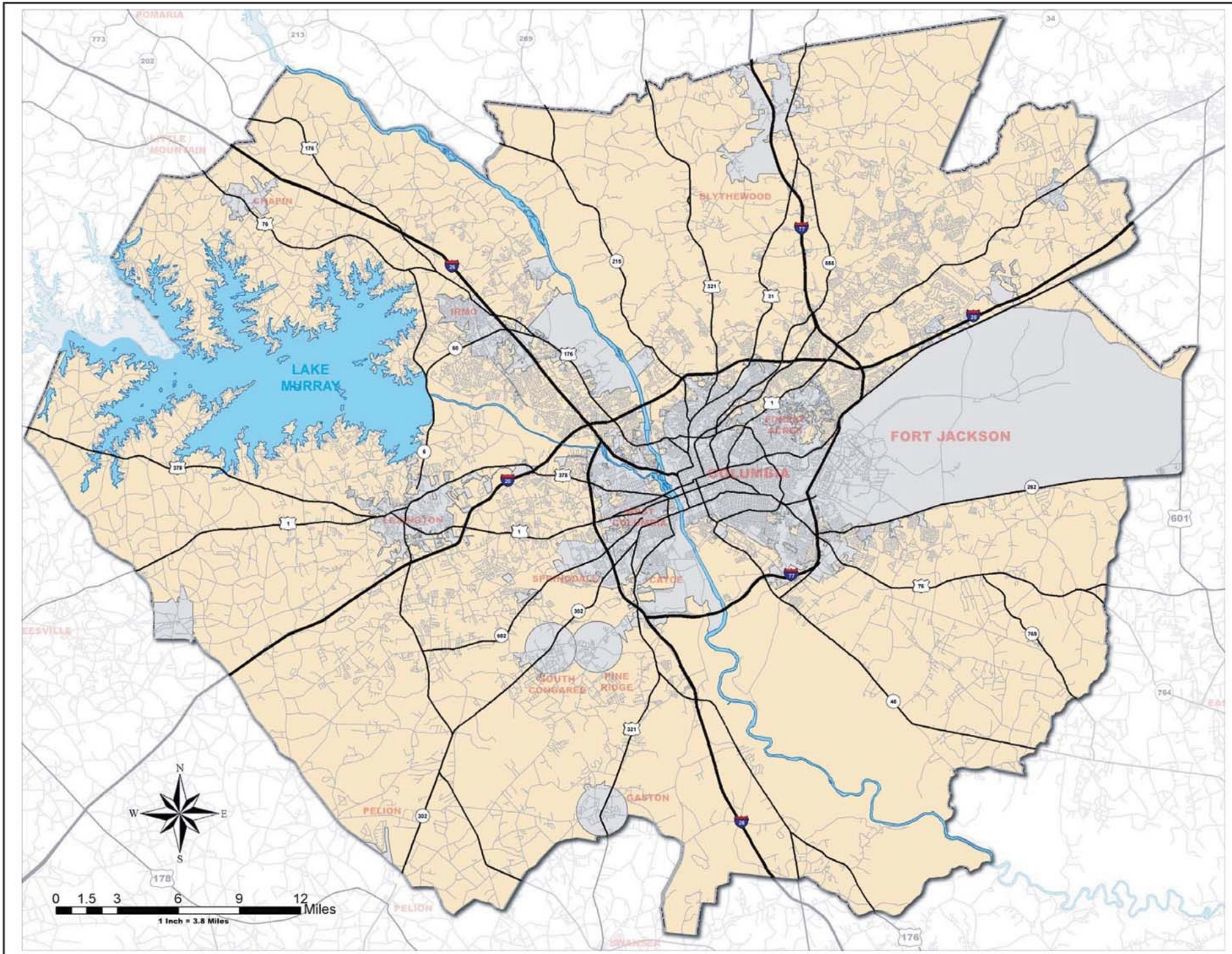
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COATS
Columbia Area Transportation Study

Figure 1
Columbia Area
Transportation Study

**CENTRAL
MIDLANDS**
Council of Governments

COLUMBIA AREA TRANSPORTATION STUDY
METROPOLITAN PLANNING ORGANIZATION

2009-2010 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 2009-2010. 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 2009-2010 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.

2008-2009 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, nine Technical Committee meetings, four 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 2006-2012 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 2035 Long-Range Transportation Plan;
- ✓ Held public meetings in an effort to identify the issues for the White Knoll Sub-Area Plan;
- ✓ Updated and expanded the website for the 2035 LRTP;
- ✓ 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 Bicycle and Pedestrian Plan;
- ✓ Worked with various municipalities and the media throughout 2008-2009 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.

2009-2010 UPWP Development

This task involved the creation and dissemination of the 2009-2010 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 2009, COATS is preparing an annual UPWP, covering the period of July 1, 2008 through June 30, 2009. The Final Draft 2009-2010 UPWP is scheduled to be presented to the Transportation Subcommittee and Policy Committee on June 11th and June 25, 2009, 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)
- ✓ 2008 Commercial Real Estate Report
- ✓ 2008 Multi-Family Rental and Condominium Survey
- ✓ 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), 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 20-MPO planning area.

Major accomplishments under this effort are itemized below:

- ✓ Completed a financial closeout of this project
- ✓ Completed development of the 2035 Needs Assessment and Mitigation Plan
- ✓ Completed QA/QC of the model
- ✓ Completed developing the model documentation
- ✓ Received validated models from the consultant
- ✓ Completed re-numbering the traffic analysis zones
- ✓ Completed developing the model documentation
- ✓ Completed travel demand model scenarios:
 - Lower Lexington Sub Area Plan
 - New Construction locations for COATS area
 - Lexington Alternative Scenarios (needs assessment)

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:

- ✓ Facilitated monthly meetings on EPA's Sustainable Skyline grant with partners from Lexington County, Richland County, Columbia Chamber of Commerce, etc (Sept – Nov 2008)
- ✓ Met bi-monthly with regional air quality partners that include SCDHEC, Lexington County, Richland County, City of Columbia to discuss updated air quality information (Sept 2008 – January 2009)
- ✓ Made presentations to CMCOG committees and Board on the Proposed Nonattainment Boundary (Nov-Dec 2008)
- ✓ Attended meetings on the City of Columbia's Climate Protection Action Committee (Sept 2008 – Feb 2009)
- ✓ Met with Chamber officials to discuss region's air quality (March 2009)
- ✓ Made presentations to CMCOG committees (Board) on latest air quality information (March – April 2009)
- ✓ Planning next Regional Air Quality Forum

Regional Congestion Management Plan

The Central Midlands Council of Governments Regional Congestion Management Plan was to assess the current state of the region's congestion issues, determine the needs of the systems, and develop a mitigation plan to guide future policy development, and to recommend priority improvements to the system.

- ✓ This project is 100% completed

- ✓ MPO Policy Committee approved the final report
- ✓ Transportation Subcommittee approved the final report
- ✓ Technical Committee approved the final report
- ✓ Completed the executive summary
- ✓ Interviewed new stakeholders who participated in the stakeholder meetings
- ✓ Completed documentation on performance measures and mitigation strategies
- ✓ Completed travel time runs
- ✓ Compiled travel time data for preliminary results of congested locations
- ✓ Examined existing strategies for performance evaluation
- ✓ Completed the 11 x 17 Brochure of the final document
- ✓ Completed the financial closeout of this project

Regional Motor Freight Transportation Plan

This study was to assess the current state of the region's freight transportation and logistics systems, determine the needs of the systems' principal users; develop a strategic vision to guide future policy development, and recommend priority improvements to the system. The major accomplishments include:

- ✓ This project is 100% completed
- ✓ MPO Policy Committee approved the final report
- ✓ Transportation Subcommittee approved the final report
- ✓ Technical Committee approved the final report
- ✓ Completed the executive summary
- ✓ Completed the second round of stakeholder meetings
- ✓ Developed a regional recommendation matrix
- ✓ Finalized all technical memos
- ✓ Completed the 11 x 17 Brochure of the final document
- ✓ Completed the financial closeout of this project

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:

- ✓ Submitted final contract to HDR Engineering
- ✓ Finalized draft contract
- ✓ Submitted and received approval of the draft contract from SCDOT
- ✓ Submitted and received approval of the draft contract from the CMCOG attorney
- ✓ Finalized scope of work, fee, and schedule
- ✓ Received scope of work, fee, and schedule from the HDR Engineering
- ✓ Began contract negotiations with HDR Engineering
- ✓ Received approval from the CMCOG Executive Committee to negotiate a contract
- ✓ Posted the award notice on our website
- ✓ Selected HDR Engineering as the consultant
- ✓ Posted answers to questions received about the RFP
- ✓ Received & reviewed 4 proposals

- ✓ Solicited the RFP
- ✓ Finalized the RFP
- ✓ Received approval from SCDOT
- ✓ Submitted draft RFP to SCDOT for review
- ✓ Began development of the RFP

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:

- ✓ Submitted and received approval of the Section 5316 & 5317 CMCOG Program Management Plan to the FTA
- ✓ Completed FTA comments concerning the Section 5316 & 5317 CMCOG Program Management Plan
- ✓ Submitted updated Section 5316 & 5317 CMCOG Program Management Plan to FTA
- ✓ Inquired about Section 5316 & 5317 Rural Funding
- ✓ Submitted support letters to SCDOT
- ✓ Processed five (5) Section 5310 applications for FY 2010
- ✓ Completed the 2008 SCDOT Certifications and Assurances
- ✓ Completed the 2009 FTA Certifications and Assurances
- ✓ Received the notice to proceed from SCDOT for the Section 5316 administrative funds
- ✓ Received the notice to proceed from SCDOT for the Section 5317 administrative funds

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:

- ✓ Submitted final contract to Wilbur Smith Associates
- ✓ Finalized draft contract
- ✓ Submitted and received approval of the draft contract from SCDOT
- ✓ Submitted and received approval of the draft contract from the CMCOG attorney
- ✓ Finalized scope of work, fee, and schedule
- ✓ Received scope of work, fee, and schedule from the Wilbur Smith Associates
- ✓ Began contract negotiations with Wilbur Smith Associates
- ✓ Received approval from the CMCOG Executive Committee to negotiate a contract
- ✓ Posted the award notice on our website
- ✓ Selected Wilbur Smith Associates as the consultant
- ✓ Interviewed the short-listed firms
- ✓ Identified a short-listed firms
- ✓ Posted answers to questions received about the RFP
- ✓ Received & reviewed 9 proposals
- ✓ Solicited the RFP
- ✓ Finalized the RFP

- ✓ Received approval from SCDOT
- ✓ Submitted draft RFP to SCDOT for review
- ✓ Began development of the RFP

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.

- ✓ Submitted final contract to BP Barber & Associates
- ✓ Finalized draft contract
- ✓ Submitted and received approval of the draft contract from SCDOT
- ✓ Submitted and received approval of the draft contract from the CMCOG attorney
- ✓ Finalized scope of work, fee, and schedule
- ✓ Received scope of work, fee, and schedule from the BP Barber & Associates
- ✓ Began contract negotiations with BP Barber & Associates
- ✓ Received approval from the CMCOG Executive Committee to negotiate a contract
- ✓ Posted the award notice on our website
- ✓ Selected BP Barber & Associates as the consultant
- ✓ Interviewed the short-listed firms
- ✓ Identified a short-listed firms
- ✓ Posted answers to questions received about the RFP
- ✓ Received & reviewed 9 proposals
- ✓ Solicited the RFP
- ✓ Finalized the RFP
- ✓ Received approval from SCDOT
- ✓ Submitted draft RFP to SCDOT for review
- ✓ Began development of the RFP

White Knoll 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 the 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 100% completed
- ✓ MPO Policy Committee approved the final report
- ✓ Transportation Subcommittee approved the final report
- ✓ Technical Committee approved the final report
- ✓ Completed the executive summary
- ✓ Finalized all technical memos
- ✓ Completed the 11 x 17 Brochure of the final document
- ✓ Completed the financial closeout of this project

- ✓ Completed scenario analysis
- ✓ Completed a draft final report
- ✓ Developed recommendations to improve transit and transportation activities
- ✓ Completed analysis of future study area needs
- ✓ Completed analysis of existing transportation systems & facilities
- ✓ Completed data collection activities

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 creating the 2035 Long-Range Transportation Plan with substantial work being completed during the past program year. The major accomplishments include:

- ✓ This project is 100% completed
- ✓ Completed editing of the 2035 LRTP document.
- ✓ MPO Policy Committee approved an amendment to add the prioritize list of new location projects
- ✓ MPO Policy Committee an amendment to add the prioritize list of new location projects
- ✓ MPO Policy Committee approved the final report
- ✓ Transportation Subcommittee approved the final report
- ✓ Technical Committee approved the final report
- ✓ Completed the executive summary
- ✓ CMCOG submitted an approved list of road improvement projects to SCDOT for prioritization in accordance with ACT 114.
- ✓ CMCOG submitted an approved list of intersection improvement projects to SCDOT for prioritization in accordance with ACT 114
- ✓ Completed the second round of public meeting
- ✓ Completed receiving responses to the second round public participation survey
- ✓ Added an appendix to the final plan
- ✓ Posted the final draft on the CMCOG and COATS websites for public comment
- ✓ Completed prioritization of the COATS intersection improvement projects
- ✓ Completed prioritization of the COATS widening improvement projects
- ✓ Continued prioritization of the COATS new location projects
- ✓ Completed development of the fact sheets for each element of the LRTP
- ✓ Completed development of the Financial Element
- ✓ Completed development of the Public Participation Element
- ✓ Completed development of the Introduction
- ✓ Completed development of the Capital Improvement Element
- ✓ Completed development of the Safety Element
- ✓ Completed development of the Security Element

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:

- ✓ Developed a draft RFP for the Alternative Analysis Project from Camden to Columbia
- ✓ Continued implementation of the Commuter Rail Plan
- ✓ Continued to monitor high speed rail activities in the upstate
- ✓ Identified a list of stakeholders to support the CMCOG Commuter Rail Program
- ✓ Identified the economic and environmental benefits of commuter rail
- ✓ Began examining high capacity transit connections to Sumter

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:

- ✓ Submitted final contract to STV/Ralph Whitehead Associates
- ✓ Finalized draft contract
- ✓ Submitted and received approval of the draft contract from SCDOT
- ✓ Submitted and received approval of the draft contract from the CMCOG attorney
- ✓ Finalized scope of work, fee, and schedule
- ✓ Received scope of work, fee, and schedule from the STV/Ralph Whitehead Associates
- ✓ Began contract negotiations with STV/Ralph Whitehead Associates
- ✓ Received approval from the CMCOG Executive Committee to negotiate a contract
- ✓ Posted the award notice on our website
- ✓ Selected STV/Ralph Whitehead Associates as the consultant
- ✓ Posted answers to questions received about the RFP
- ✓ Received & reviewed 3 proposals
- ✓ Solicited the RFP
- ✓ Finalized the RFP
- ✓ Received approval from SCDOT
- ✓ Submitted draft RFP to SCDOT for review
- ✓ Began development of the RFP

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:

- ✓ Submitted to the CMCOG Executive Committee for approval
- ✓ Posted the award notice on our website
- ✓ Selected the IBI Group as the consultant
- ✓ Interviewed the short-listed firms
- ✓ Began determining the short-list of proposers to be interviewed
- ✓ Selected a review team
- ✓ Received ten (10) proposals for review by deadline date
- ✓ Solicited the RFP
- ✓ Finalized the RFP
- ✓ Received approval from SCDOT
- ✓ Submitted draft RFP to SCDOT for review
- ✓ Began development of the RFP
- ✓ Began executing the grant award
- ✓ Received approval from FTA
- ✓ Made request revisions and re-submitted to FTA
- ✓ Received a list of requested revision from FTA
- ✓ Submitted application in TEAM
- ✓ Developed an FTA grant application
- ✓ Completed contract negotiations with Richland County

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:

- ✓ Mapped 2005-2008 Bike/Ped Accidents across region
- ✓ Received an update on the 2008 National Bike Summit
- ✓ Received an update on National Legislative Activities
- ✓ Reviewed with Bike/Ped Committee the process for developing a Regional Pathways Plan
- ✓ Participated in Blythewood Masterplanning process (July-August 2008)
- ✓ Participated in USC Bike Fair (March 2009)
- ✓ Participated in BikeColumbia Bike Valet service for Five Points Concert Series (May 2009)
- ✓ Participated in BikeColumbia Display Booth for Columbia Kids Day (April 2009)
- ✓ Participated in BikeColumbia Bike-to-Work Day (May 2009)
- ✓ Research funding of bike-ped initiatives in ARRA funding (Feb-March 2009)
- ✓ Review of local resurface projects for compatible bike-ped potential (March 2009)
- ✓ Researched bike-ped accidents in the region (Dec 2008)

- ✓ Collaborating with Lexington County volunteers/officials in developing county-wide greenway trail system
- ✓ Collaborated with Richland County volunteers/officials in developing county-wide greenway trail system and bike system
- ✓ Developed regional trail plan
- ✓ Facilitated leadership/development of the Saluda River Greenway (had 2 meetings, draft parcel maps, and delegating tasks)

Transportation Improvement Program

This project's purpose was to maintain and update the Transportation Improvement Program (TIP) for 2006-2012. 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 removal of construction funds from an Interstate Improvement Project
- ✓ The addition of one (1) Enhancement Project to the Transportation Enhancement Program for FY 2008
- ✓ A funding and planning adjustment to the Park Road Enhancement Projects (Phases I & II) in the Town of Lexington.
- ✓ The addition of five (5) FTA Section 5310 (Elderly and Persons with Disabilities Transportation Program) Grant Requests to the COATS FY 2010 Transit Program.
- ✓ The addition of an economic stimulus program that will include projects that meet the eligibility requirements for funding under the American Recovery & Reinvestment Act of 2009.
- ✓ The addition of two (2) road improvement projects in Richland County to the MPO Guideshare Program.
- ✓ The addition of three (3) intersections along US 378 in the Town of Lexington to the MPO Guideshare Program.
- ✓ The addition of two (2) federal earmarks to be added to the Projects Exempts from Guideshare section of the TIP.
- ✓ The addition of economic stimulus projects that were recommended by SCDOT in the categories of resurfacing, interstate maintenance, safety, pavement markings, and ITS. These projects will be added to the economic stimulus section of the TIP.
- ✓ A funding adjustment to the Platt Springs Road Project. Guideshare funding has been adjusted to reflect the use of economic stimulus funds. This project will be added to the economic stimulus section of the TIP
- ✓ The addition of the North Main Street/Fairfield Road intersection to the economic stimulus section of the TIP.
- ✓ The addition of the FY 2009 Signal System Improvement Projects.
- ✓ The addition of seven (7) capital improvement projects that will be funded by transit economic stimulus funds.
- ✓ The addition five (5) resurfacing projects that will be funded by economic stimulus funds.
- ✓ A funding adjustment to the North Main Street/Fairfield Road intersection improvement project. An additional 2.5 million in economic stimulus funds will be added to this project.
- ✓ Project name change from North Main Street/Fairfield Road intersection improvement to North Main Street Reconfiguration – Phase 1B
- ✓ The addition of the six (6) projects to the FY 2009 COATS Transportation Enhancement Program.

Staff has also begun the process of developing the new 2009-2012 TIP.

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
- ✓ Continued coordination with Richland County Comprehensive Transportation Plan
- ✓ Attended the SC Partnering Conference and the Bicycle Accommodations Conference
- ✓ Completed the 4th Quarter milestone report for FTA Grant SC-90-X144
- ✓ Completed the FY 2008 Triennial Review
- ✓ Submitted an FTA Grant Application for the Broad River Road Community & Corridor Study
- ✓ Obtained access materials for the Executive Director to execute grant applications in the FTA Team Web software
- ✓ Submitted a request to the FTA to receive access materials for the CMCOG General Counsel to execute grant applications in the FTA Team Web software
- ✓ Continued inquiry to transfer FTA grants from CMCOG to CMRTA
- ✓ Attended the COG/MPO Workshop in Beaufort
- ✓ Continued to review and collect information regarding the economic stimulus
- ✓ Completed and received FTA approval of the updated COATS/CMCOG Title VI Plan
- ✓ Completed development of the 2008 Annual Listing of Obligated Projects
- ✓ Submitted proposed boundary for the possible non-attainment designation area to DHEC
- ✓ DHEC completed public participation process for the proposed non-attainment boundary and submitted to EPA
- ✓ Received, reviewed, and approved the FY 2009 Transportation Enhancement Projects
- ✓ Administered the COATS DBE Plan

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2009-2010 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 2009-2010 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

2009-2010 UNIFIED PLANNING WORK PROGRAM OVERVIEW

The 2009-2010 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 2008-2009 UPWP tasks
- Goal #2:** To commence and complete new 2009-2010 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 2008-2009 UPWP will be continued:

- Town of Irmo/Dutch Fork Sub-Area Plan
- Town of Elgin/Richland Northeast Sub-Area Plan
- Broad River Road Corridor & Community Study
- Batesburg-Leesville/Columbia Transit Feasibility Study
- Camden/Columbia Alternative Analysis

Goal #2

Goal #2 will be achieved by completing the following new 2009-2010 tasks:

- CMRTA IGA Comprehensive Study
- Sumter/Columbia Transit Feasibility Study
- Regional Pathways Plan Phase II
- Human Service Coordination Plan-Closing the Gaps

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 | ➤ Sub-Area Plans |
| ➤ Transportation Project Implementation | ➤ Miscellaneous Activities & Special Technical Assistance |
| ➤ Geographic Information Systems | ➤ Environmental Mitigation, Agency Consultation, and Safety & Security |

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 2009-2010

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									
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.										
METHODOLOGY:										
<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 Town of Irmo/Dutch Fork Sub-Area Planning Activities; ➤ Selected Broad River Road Corridor & Community Study; ➤ Selected Town of Elgin/Kershaw County Sub-Area Planning Activities; ➤ Selected Regional Congestion Management Planning Activities; ➤ Selected Sumter/Columbia Transit Feasibility Study; ➤ 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>										
END PRODUCT:										
Professional services to the Staff in support of the various planning activities outlined in the 2009-2010 UPWP.										
Project Sponsor/Participating Agencies:	Funding Sources:									
Sponsor: COATS Participating Agencies: COATS, CMOG Member Governments, Other agencies as appropriate	<table border="0"> <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								
<p>OBJECTIVE: To enhance COATS transportation planning process with greater opportunities for public participation, input involvement, and exposure.</p>									
<p>METHODOLOGY:</p> <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>									
<p>END PRODUCT: Public participation opportunities/activities, including CMCOG newsletters, reports, press releases, maps, and slide presentations, web site maintenance, meetings, workshops, etc.</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;">\$ 15,000.00</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;">\$ 3,750.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 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								

PROJECT NO:	1D
PROJECT TITLE:	UPWP Maintenance and Development
OBJECTIVE: Maintain the current 2009-2010 Unified Planning Work Program (UPWP), and develop a subsequent work program.	
METHODOLOGY: This task includes all necessary work required to process amendments to the 2009-2010 UPWP. In addition, this task will allow for the development of the 2010-2011 UPWP during the 2009-2010 program year. 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).	
END PRODUCT: Maintenance of and amendments to the 2009-2010 UPWP as necessary and appropriate and the development of the 2010-2011 UPWP.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 10,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 2,500.00
	TOTAL \$ 12,500.00

UNIFIED PLANNING WORK PROGRAM

FY 2009-2010

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:	<p>This UPWP task involves the following subcategories:</p> <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 36,000 apartments in this four county study are 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 18.1 million square feet of shopping center space; over 23.8 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. ➤ 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. 	
END PRODUCT:	The end products are Vehicle, Population, Multi-Family 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	FHWA(PL)	\$ 30,000.00
	FTA (Section 5307 X-144)	\$ 0.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	<u>LOCAL</u>	<u>\$ 7,500.00</u>
	TOTAL	\$ 37,500.00

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: 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: <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 ➤ Sumter/Columbia Transit Feasibility Study ➤ Batesburg-Leesville/Columbia Transit Feasibility Study 										
END PRODUCT: Implementation of transportation planning projects.										
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:	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. 		
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
	LOCAL	\$ 7,500.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 37,500.00

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UNIFIED PLANNING WORK PROGRAM

FY 2009-2010

3 — LONG-RANGE TRANSPORTATION PLANNING

3A — Air Quality and Conformity

3B — Human Service Coordination-Closing the Gaps

3C — Long-Range Transportation Plan

3D — Rail, Truck and Transit Planning

3E — Travel Demand Modeling – External Station Survey

3F — Sub-Area Plans

3G — Regional Pathways Plan

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

3I — Transit Planning & Technical Assistance

3J — Broad River Road Corridor & Community Study

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 ➤ 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.	
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 40,000.00
	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 10,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$ 50,000.00

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: The objective of this project is to build upon the existing Central Midlands Human Services Coordination Transportation Plan. One of the major objectives of the existing study is to address the current gaps in service in the CMCOG region. In order to accomplish this objective, CMCOG staff will use the administrative funding from Section 5316 & 5317 to conduct a four (4) phase process. Phase 1 will include identifying base year conditions in the study area and developing a survey instrument to assess those conditions. This phase will identify the agencies and services that are currently being provided and the clientele that is currently being served. Phase 2 will complete this assessment and analyze the results. These results should reflect the existing services being provided versus the un-served clientele. Phase 3 will identify strategies and recommendations to serve these un-served areas. These strategies and recommendations will include coordination activities between agencies. Phase 4 will implement these strategies and recommendations through the development of an implementation plan.	
END PRODUCT: A published implementation plan.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 10,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 2,500.00
	TOTAL \$ 12,500.00

PROJECT NO:	3C									
PROJECT TITLE:	Long Range Transportation Plan									
OBJECTIVE:	To complete work on the 2035 Long Range Transportation Plan (LRTP).									
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, is drawn.</p> <p>The COATS MPO recently completed the development of its 2035 LRTP in FY 09 and will continue implementation of this transportation tool to evaluate and enhance the regional transportation system.</p>									
END PRODUCT:	Implementation 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> <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:	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>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 study will examine all of the transit options available to determine a locally preferred alternative for the Camden to Columbia Corridor.	
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 route to Sumter through the following steps:	
<ul style="list-style-type: none"> ❖ Review current and projected populations for Sumter and Columbia ❖ Analyzing freight movement along this corridor ❖ Investigate funding options and opportunities ❖ Investigate interest and support in establishing this connection 	
<u>Batesburg-Leesville/Columbia Transit Feasibility Study</u>	
In coordination and cooperation with the Town of Batesburg-Leesville, the South Carolina Department of Transportation, and South Carolina Department of Health and Environmental Control, CMCOG will perform a transit feasibility study for the Batesburg-Leesville area. The purpose of this study is to determine the potential for a transit system and to help the gauge the short and long-term benefits and demands for a region-wide transit system.	
<u>Sumter-Columbia Transit Feasibility Study</u>	
In coordination and cooperation with the Sumter Urbanized Area Transportation Study Metropolitan Planning Organization, the South Carolina Department of Transportation, Santee-Wateree Regional Transit Authority, and Santee-Lynches Council of Governments, CMCOG will perform a transit feasibility study along the US 378 connection between the City of Sumter and the City of Columbia. The purpose of this study is to examine all of the transit options available to determine a locally preferred alternative for the US 378 Corridor.	
END PRODUCT:	
A Transit Development Plan for the Town of Batesburg-Leesville. Completion of Phase I of III in pursuit of federal funding for commuter rail service. An assessment of high capacity transit options between Sumter to Columbia. And the continued implementation of the Commuter Rail Plan.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 90,000.00
	FTA (Section 5339) \$ 397,000.00
	FTA (Section 5307 X-144) \$ 87,500.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL \$ 143,625.00
	TOTAL \$ 718,125.00

PROJECT NO:	3E
PROJECT TITLE:	Travel Demand Modeling-External Station Survey
OBJECTIVE: To continue the efforts of migrating to a new software platform for Travel Demand Modeling and to expand upon its development.	
METHODOLOGY: <u>Travel Demand Modeling</u> 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 recently 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. <u>External Station Survey/TAZ Refinement</u> CMCOG is conducting an external station survey to gather data about travel coming into and going out of the MPO region. This data will be used along with results from previous household surveys to update the region's travel-demand model, which will help CMCOG provide a better travel forecasts for the MPO study area. The survey is scheduled to take place at various locations on the outskirts of the MPO region The primary focus of the external station survey will be to capture current information on traffic volumes, origin-destination travel patterns, travel activity, trip frequency and travel mode of vehicles crossing a set of external stations located around the region. CMCOG and the project consultant are working closely with the Department of Transportation, law enforcement and other agencies to identify survey site locations and develop a public awareness plan. To complement the external station survey and to further improve the predictive capabilities of the travel demand model, staff will be refining the Traffic Analysis Zone structure for the COATS MPO area. This task will involve splitting larger TAZ's into smaller zones in order to more accurately load and distribute trips across the existing road network. The work is intended to correspond with the 2010 census update and will primarily be conducted in a GIS environment.	
END PRODUCT: An External Station Survey and refined TAZs that will be used to enhance the COATS 2035 TransCad Travel Demand Model.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 90,000.00
	FTA (Section 5307 X-144) \$ 0.00
	LOCAL \$ 22,500.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL \$112,500.00

PROJECT NO:	3F								
PROJECT TITLE:	Sub-Area Plans								
<p>OBJECTIVE: To encourage local governments to develop “sub-area” plans in partnership with CMCOG and SCDOT. Sub-area plans may address transportation issues at the county, city, and district or planning sector levels. Some examples of potential planning projects include a major thoroughfare system plan for a city, county, or planning sector; a downtown parking and access study; or a greenway system plan for a city or county.</p>									
<p>METHODOLOGY:</p> <p>Transportation and land use are at the forefront of regional issues facing the rapidly growing Central Midlands region. Over the past few decades, there has been significant controversy over transportation systems management. To address such issues, the Central Midlands Council of Governments is working with a variety of agencies, organizations, and stakeholders to collaboratively develop a comprehensive transportation and land use plan.</p> <p>“The mission of this plan is to use a transparent and citizen led discussion and process to ensure the development of a community vision, plans for the future, and projects that address land use and transportation challenges facing the region.”</p> <p>These transportation plans will emphasize and identify the key linkages between transportation facilities and existing and future land uses within the region. The transportation plans will also identify a range of multi-modal transportation alternatives for analysis and implementation. This will be a cooperative process, affording early and continued involvement of the public, to include affected public agencies, private transportation providers, and other stakeholders in the study area. The public participation and active involvement of transportation and land use stakeholders will be a critical component of these plans. The plans that will be studied during this fiscal year are the Irmo/Dutch Fork and Elgin/Kershaw County Sub-Area Plans.</p>									
<p>END PRODUCT:</p> <p>Published Sub-Area Plans that satisfies the needs of the member governments 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>\$ 20,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td>\$125,000.00</td> </tr> <tr> <td>LOCAL</td> <td>\$ 36,250.00</td> </tr> <tr> <td>TOTAL</td> <td>\$181,250.00</td> </tr> </table>	FHWA(PL)	\$ 20,000.00	FTA (Section 5307 X-144)	\$125,000.00	LOCAL	\$ 36,250.00	TOTAL	\$181,250.00
FHWA(PL)	\$ 20,000.00								
FTA (Section 5307 X-144)	\$125,000.00								
LOCAL	\$ 36,250.00								
TOTAL	\$181,250.00								

PROJECT NO:	3G	
PROJECT TITLE:	Regional Pathways Plan	
OBJECTIVE: To develop new pathways and improve existing pathways to improve bicycle and pedestrian access to key areas in the community		
METHODOLOGY: The Pathways Plan will highlight existing and proposed greenway, bikeway, and sidewalk locations in proximity of not only those regional attractions noted above but also the many schools, parks, churches, and shopping centers in between. In addition, the plan will recommend 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. The Pathways Plan will be conducted in primarily two phases. Phase I is a composite of existing conditions and recommendations from various recent transportation and bike-pedestrian studies. Each of these studies underwent its own public involvement process and the routes recommended were taken directly from those studies. The end goal of this first stage therefore is to identify possible gaps and lay the foundation for a regional pathways network. Phase II will involve a more detailed analysis of this proposed network, thereby identifying short and long term segments as well as recommending funding and implementation strategies.		
END PRODUCT: Published Regional Pathways Plan that satisfies the needs of the member governments and the requirements of the MPO.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 25,000.00
Participating Agencies: COATS, CMCOG 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 model planning polices ordinances and visual materials supporting the inclusion of “transit oriented”, “transit supportive” or “transit-ready development. • Development of model planning polices ordinances and visual materials supporting development of walkable and bikeable neighborhoods and communities. • 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. Model ordinances and policies. Training and information workshop event for local governments.									
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>\$ 75,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td>\$ 0.00</td> </tr> <tr> <td>LOCAL</td> <td>\$ 18,750.00</td> </tr> <tr> <td>TOTAL</td> <td>\$ 93,750.00</td> </tr> </table>	FHWA(PL)	\$ 75,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 18,750.00	TOTAL	\$ 93,750.00
FHWA(PL)	\$ 75,000.00								
FTA (Section 5307 X-144)	\$ 0.00								
LOCAL	\$ 18,750.00								
TOTAL	\$ 93,750.00								

PROJECT NO:	3I
PROJECT TITLE:	Comprehensive Operations Analysis, Management Performance Review and Richland County-Wide Park & Ride Study
OBJECTIVE: Completion of the Comprehensive Operations Analysis, Management Performance Review and Richland County-Wide Park & Ride Study will provide the CMRTA with a framework for future growth and development of the public transit system in Richland County.	
METHODOLOGY: The Comprehensive Operational Analysis (COA) will provide an evaluation of the Central Midlands Regional Transit Authority (CMRTA) operations, equipment and facility requirements for three time horizons: near term (1-3 years); short range (4-9 years) and long range (10-15 years). The core of the COA is the near term plan. It will recommend route changes designed to improve service efficiency, apply resources where they are needed most, and modernize the route network based on current and projected conditions within Richland County. The COA shall also provide short and long range recommendations in terms of service expansion, equipment requirements, and facility needs. Lastly, the COA shall provide a financing plan and an implementation schedule for all recommendations. The Management Performance Review (MPR) shall evaluate the effectiveness, efficiency, and economy of operation under the control of the contract management company. The objective of the MPR is to evaluate efficiency and effectiveness and enhance the performance of the contract management company by making recommendations for improvement and providing a plan of action for implementation of the recommendations. The Richland County-wide Park and Ride Study (P&RS) shall identify potential park and ride corridors; projected parking needs and facility locations; and, identify parking facility property owners. In addition, the P&RS shall make recommendations on equipment, schedules, route paths, fares, and other park and ride service issues. Lastly, the P&RS shall provide a financing plan and implementation schedule.	
END PRODUCT: A published comprehensive analysis and planning document to guide the future growth and development of public transit services Richland County.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: Central Midlands Regional Transit Authority	FHWA(PL) \$ 0.00 FTA (Section 5307 X-TBA) \$400,000.00 LOCAL \$100,000.00
Participating Agencies: CMRTA, Richland County, Other agencies as appropriate	TOTAL \$500,000.00

PROJECT NO:	3J
PROJECT TITLE:	Broad River Road Corridor & Community Study
OBJECTIVE: In partnership with Richland County, CMCOG will perform a sub-area plan that will place a major emphasis on the relationship between transportation and neighborhood revitalization along the Broad River Road.	
METHODOLOGY: This is a transportation corridor study from the Broad River Road Bridge to Haviland Circle. This plan will examine capacity enhancements, intersection improvements, congestion management, and transit services. This study will also focus on revitalization opportunities for two community planning areas in Richland County; Piney Grove/St. Andrews and Dutch Square/Lower Broad River. It will incorporate transit oriented development principles and practices that will enhance the safety, security, and efficiency of the transportation system. This study will be designed to look beyond the pavement and curbs of the roadway improvements by identifying opportunities and projects that will serve as catalysts for neighborhood revitalization and economic development.	
END PRODUCT: A published comprehensive planning analysis of the relationship between transportation and neighborhood revitalization along Broad River Road.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 0.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-TBA) \$200,000.00
	Richland County \$100,000.00
	LOCAL \$ 50,000.00
	TOTAL \$350,000.00

UNIFIED PLANNING WORK PROGRAM

FY 2009-2010

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 2009-2010

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 2009-2010 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"> ➤ Updating the CMCOG DBE Plan ➤ Member Government Comprehensive Assessments ➤ Participation and implementation of TIGER and TIGGER Economic Stimulus Grants 										
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 style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">FHWA(PL)</td> <td style="text-align: right; padding: 2px;">\$ 21,229.00</td> </tr> <tr> <td style="padding: 2px;">FTA (Section 5307 X-144)</td> <td style="text-align: right; padding: 2px;">\$ 0.00</td> </tr> <tr> <td style="padding: 2px;">LOCAL</td> <td style="text-align: right; padding: 2px;">\$ 5,307.25</td> </tr> <tr> <td style="padding: 2px;">TOTAL</td> <td style="text-align: right; padding: 2px;">\$ 26,536.25</td> </tr> </table>		FHWA(PL)	\$ 21,229.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 5,307.25	TOTAL	\$ 26,536.25
FHWA(PL)	\$ 21,229.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 5,307.25									
TOTAL	\$ 26,536.25									

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UNIFIED PLANNING WORK PROGRAM

FY 2009-2010

6 — BUDGET TABLES

2009-2010 Table 1 – Summary Budget

2009-2010 Table 2 – Summary Budget – Federal Programs

2009-2010 Table 3 – SAFETEA-LU Task Matrix

2009-2010 UPWP TABLE 1 - SUMMARY BUDGET																		
TASK			FUNDING SOURCES															
ID	SUB-ID	Category	FHWA-PL	CMCOG Match for FHWA-PL	**Richland County Government	FTA 5316	FTA 5317	FTA 5307 (X-222)	CMCOG Match for FTA (X-222)	FTA 5307 (X-TBA)	CMRTA Match for FTA X-TBA	*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	\$ 10,000.00	\$ 2,500.00													\$ 2,500.00	\$ 12,500.00
Total			\$ 65,000.00	\$ 16,250.00									\$ -	\$ -	\$ -		\$ 16,250.00	\$ 81,250.00
2		Short-Range Transportation Planning																
2A		Data Collection, Compilation, and/or Analysis	\$ 30,000.00	\$ 7,500.00													\$ 7,500.00	\$ 37,500.00
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			\$ 100,000.00	\$ 25,000.00									\$ -	\$ -	\$ -		\$ 25,000.00	\$ 125,000.00
3		Long-Range Transportation Planning																
3A		Air Quality and Conformity	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
3B		Human Service Coordination Plan-Closing the Gaps	\$ 10,000.00	\$ 2,500.00													\$ 2,500.00	\$ 12,500.00
3C		Long-Range Transportation Plan	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
3D		Rail, Truck and Transit Planning	\$ 40,000.00	\$ 10,000.00													\$ 10,000.00	\$ 50,000.00
	3D - 1	Camden/Columbia Alternative Analysis	\$ 25,000.00	\$ 6,250.00								\$ 297,000.00	\$ 74,250.00				\$ 80,500.00	\$ 402,500.00
	3D - 2	Commuter Rail Feasibility Study	\$ 25,000.00	\$ 6,250.00													\$ 6,250.00	\$ 31,250.00
	3D - 3	Batesburg-Leesville/Columbia Transit Feasibility Study	\$ -	\$ -										\$ 87,500.00	\$ 21,875.00		\$ 21,875.00	\$ 109,375.00
	3D - 4	Sumter-Columbia Transit Feasibility Study	\$ -	\$ -								\$ 100,000.00	\$ 25,000.00				\$ 25,000.00	\$ 125,000.00
3E		Travel Demand Modeling	\$ 20,000.00	\$ 5,000.00													\$ 5,000.00	\$ 25,000.00
	3E - 1	External Station Survey/TAZ Refinement	\$ 70,000.00	\$ 17,500.00													\$ 17,500.00	\$ 87,500.00
3F		Sub-Area Plans	\$ 20,000.00	\$ 5,000.00													\$ 5,000.00	\$ 25,000.00
	3F - 1	Town of Elgin/Kershaw County	\$ -	\$ -										\$ 62,500.00	\$ 15,625.00		\$ 15,625.00	\$ 78,125.00
	3F - 2	Town of Irmo/Dutch Fork	\$ -	\$ -										\$ 62,500.00	\$ 15,625.00		\$ 15,625.00	\$ 78,125.00
3G		Regional Pathways Plan	\$ 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		Comprehensive Operations Analysis	\$ -	\$ -						\$ 400,000.00	\$ 100,000.00						\$ 100,000.00	\$ 500,000.00
3J		Broad River Road Corridor & Community Study	\$ -	\$ -	\$ 100,000.00			\$ 200,000.00	\$ 50,000.00								\$ 50,000.00	\$ 350,000.00
Total			\$ 390,000.00	\$ 97,500.00	\$ 100,000.00			\$ 200,000.00	\$ 50,000.00	\$ 400,000.00	\$ 100,000.00	\$ 397,000.00	\$ 99,250.00	\$ 212,500.00	\$ 53,125.00		\$ 399,875.00	\$ 2,099,375.00
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	\$ 21,229.00	\$ 5,307.25													\$ 5,307.25	\$ 26,536.25
Total			\$ 21,229.00	\$ 5,307.25									\$ -	\$ -	\$ -		\$ 5,307.25	\$ 26,536.25
Grand Total			\$ 621,229.00	\$ 155,307.25	\$ 100,000.00			\$ 200,000.00	\$ 50,000.00	\$ 400,000.00	\$ 100,000.00	\$ 397,000.00	\$ 99,250.00	\$ 212,500.00	\$ 53,125.00		\$ 457,682.25	\$ 2,388,411.25

*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

2009 - 2010 UPWP TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS

TASK			BUDGET										
ID	SUB-ID	Category	FHWA-PL	**Richland County Government	FTA 5316	FTA 5317	FTA 5307 (X-222)	FTA 5307 (X-TBA)	*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	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
Total			\$ 65,000.00							\$ -	\$ 65,000.00	\$ 16,250.00	\$ 81,250.00
2		Short-Range Transportation Planning											
2A		Data Collection, Compilation, and/or Analysis	\$ 30,000.00								\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
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			\$ 100,000.00							\$ -	\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
3		Long-Range Transportation Planning											
3A		Air Quality and Conformity	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
3B		Human Service Coordination Plan-Closing the Gaps	\$ 10,000.00							\$ -	\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3C		Long-Range Transportation Plan	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
3D		Rail, Truck and Transit Planning	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
	3D - 1	Camden/Columbia Alternative Analysis	\$ 25,000.00						\$ 297,000.00		\$ 322,000.00	\$ 80,500.00	\$ 402,500.00
	3D - 2	Commuter Rail Feasibility Study	\$ 25,000.00							\$ -	\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
	3D - 3	Batesburg-Leesville/Columbia Transit Feasibility Study	\$ -							\$ 87,500.00	\$ 87,500.00	\$ 21,875.00	\$ 109,375.00
	3D - 4	Sumter-Columbia Transit Feasibility Study	\$ -						\$ 100,000.00		\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
3E		Travel Demand Modeling	\$ 20,000.00								\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
	3E - 1	External Station Survey/TAZ Refinement	\$ 70,000.00							\$ -	\$ 70,000.00	\$ 17,500.00	\$ 87,500.00
3F		Sub-Area Plans	\$ 20,000.00								\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
	3F - 1	Town of Elgin/Kershaw County	\$ -							\$ 62,500.00	\$ 62,500.00	\$ 15,625.00	\$ 78,125.00
	3F - 2	Town of Irmo/Dutch Fork	\$ -							\$ 62,500.00	\$ 62,500.00	\$ 15,625.00	\$ 78,125.00
3G		Regional Pathways Plan	\$ 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		Comprehensive Operations Analysis	\$ -				\$ 400,000.00				\$ 400,000.00	\$ 100,000.00	\$ 500,000.00
3J		Broad River Road Corridor & Community Study	\$ -	\$ 100,000.00			\$ 200,000.00				\$ 200,000.00	\$ 50,000.00	\$ 350,000.00
Total			\$ 390,000.00	\$ 100,000.00			\$ 200,000.00	\$ 400,000.00	\$ 397,000.00	\$ 212,500.00	\$ 1,599,500.00	\$ 399,875.00	\$ 2,099,375.00
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	\$ 21,229.00								\$ 21,229.00	\$ 5,307.25	\$ 26,536.25
Total			\$ 21,229.00							\$ -	\$ 21,229.00	\$ 5,307.25	\$ 26,536.25
Grand Total			\$ 621,229.00	\$ 100,000.00			\$ 200,000.00	\$ 400,000.00	\$ 397,000.00	\$ 212,500.00	\$ 1,830,729.00	\$ 457,682.25	\$ 2,388,411.25
Grand Total (Including Richland CTC & Richland County Funds)			\$ 100,000.00							plus	\$ 2,288,411.25	equals	\$ 2,388,411.25

*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

2009 - 2010 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	Jun-10	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	Continuous	PL Quarterly Report
3B		Human Service Coordination Plan-Closing the Gaps		X	X	X		X	X	X	Jun-10	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	Jun-10	Technical Memos
	3D - 2	Commuter Rail Feasibility Study	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3D - 3	Batesburg-Leesville/Columbia Transit Feasibility Study	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
	3D - 4	Sumter-Columbia Transit Feasibility Study	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
3E		Travel Demand Modeling	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3E - 1	External Station Survey/TAZ Refinement	X	X	X	X	X	X	X	X	Jun-10	PL Quarterly Report
3F		Sub-Area Plans	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3F - 1	Town of Elgin/Kershaw County	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
	3F - 2	Town of Irmo/Dutch Fork	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
3G		Regional Pathways Plan	X	X	X	X	X	X	X	X	Jun-10	PL Quarterly Report
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
3I		Comprehensive Operations Analysis	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
3J		Broad River Road Corridor & Community Study	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
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 2010 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.

