



COATS

Columbia Area Transportation Study

FY 2008 - 2009

Unified Planning Work Program

For Transportation Planning in the Columbia Metropolitan Planning Area



2008-2009

UNIFIED PLANNING WORK PROGRAM

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

May 22, 2008

Revision 1 – October 23, 2008

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

**COLUMBIA AREA TRANSPORTATION STUDY
2008 – 2009 UNIFIED PLANNING WORK PROGRAM**

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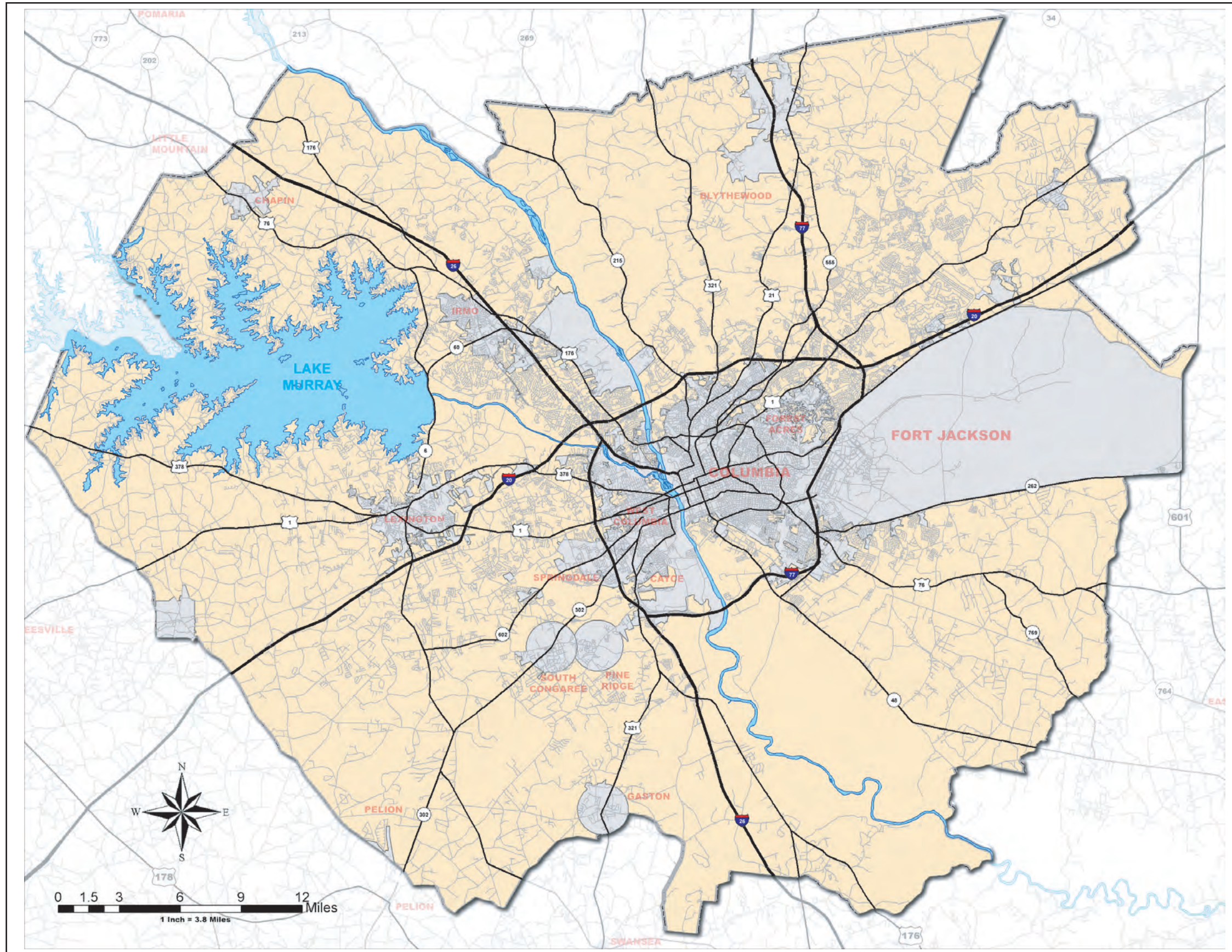
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COATS
Columbia Area Transportation Study

Figure 1
Columbia Area
Transportation Study



COLUMBIA AREA TRANSPORTATION STUDY
METROPOLITAN PLANNING ORGANIZATION

2008-2009 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 2008-2009. 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 2025 Long-Range Transportation Plan, which was adopted in September 2003. 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 2025 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 2008-2009 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 of both 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 2025 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 2025 Long-Range Transportation Plan adopted in September 2003 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.

2007-2008 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, seven Transportation Subcommittee, ten Technical Committee meetings, four Bike and Pedestrian Committee meetings, and two 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 Lower Richland Sub-Area Plan;
- ✓ Held public meetings in an effort to identify the issues for the Regional Congestion Management Plan;
- ✓ Held public meetings in an effort to identify the issues for the Regional Motor Freight Transportation Plan;
- ✓ Held public meetings in an effort to identify the issues for the White Knoll Sub-Area Plan;
- ✓ Developed a new sub-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 2007-2008 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.

2008-2009 UPWP Development

This task involved the creation and dissemination of the 2008-2009 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 February 2008, COATS is preparing an annual UPWP, covering the period of July 1, 2008 through June 30, 2009. The Final Draft 2008-2009 UPWP is scheduled to be presented to the Transportation Subcommittee and Policy Committee on May 8th and May 22, 2008, 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)
- ✓ 2007 Commercial Real Estate Report
- ✓ 2007 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:

- ✓ Updated the COATS base of future network and impedance data
- ✓ Updating existing GIS transportation planning data to the base network and future network
- ✓ Updating regionwide land use and future land use database
- ✓ Mapping and analysis of data for research reports and socio-economic surveillance
- ✓ Assisted consultants with data collection for transportation studies
- ✓ Provided graphic for transportation documents
- ✓ Update aerial photography for the COATS region
- ✓ Demographic mapping of Transportation Datasets

Travel Demand Model

There were two major activities relating to this task from the past program year as detailed below:

1. Staff continued to utilize its existing travel demand model, TransPlan, for required activities relating to the TIP and the 2025 LRTP .

2. During the 2005-2006 program year, staff began the process of migrating to a new travel demand modeling software platform and continued this effort in the 2007-2008 program year. Jordan, Jones & Goulding, PB Americas, and Nustats have been retained for this project and will make substantial progress in developing a new travel demand model using the TransCad software platform, which has a higher degree of utility and reliability than the current model. As of October 2006, the contract was finalized and the notice to proceed was issued to begin work.

Major accomplishments under this effort are itemized below:

- ✓ Completed the Mode Choice Model
- ✓ Completed the Trip Generation and Auto Ownership Models
- ✓ Completed the Trip Distribution Calibration
- ✓ Completed the Highway Assignment Script
- ✓ Completed the External Station Survey Traffic Counts
- ✓ Completed the Model Documentation and Model Integration
- ✓ Completed Technical Workshops
- ✓ Completed External Model
- ✓ Completed Transit Accessibility Coding Automation Scripting
- ✓ Received Household Survey Report
- ✓ Completed data analysis, mapping, expansion factors for the household survey
- ✓ Completed validation of the COATS 2035 Travel Demand Model

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:

- ✓ Midlands AQ Forums (Nov 2007, Feb 2008, May 2008)
- ✓ AQ webpage & Regional Air Quality Report
- ✓ Sponsored AQ session at SCDOT Bike-Ped Conf.
- ✓ Co-hosted regional meeting of elected officials
- ✓ Participated in Columbia CPAC conference

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.

- ✓ Identified key stakeholders
- ✓ Identified on 300 miles of congested corridors
- ✓ Developed mitigation strategies to address congestion
- ✓ Identified priority needs throughout the region

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:

- ✓ Key interviews with key freight stakeholders in the region (private sector, shippers and carriers)
- ✓ Site observations
- ✓ Analysis of Transearch data (Base year 2006 and forecast year 2030)
- ✓ Completion of online surveys for shippers and carriers
- ✓ Completion of Airport Freight Profile
- ✓ Completion of Highway Freight Profile
- ✓ Completion of Rail Profile
- ✓ Completion of Waterways Assessment Profile
- ✓ Completion of Freight Safety Profile
- ✓ Completion of Manufacturers survey
- ✓ Development of Recommendations and Strategies

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:

- ✓ Assessed and documented transportation needs in the Central Midlands region for individuals with disabilities, older adults, and persons with limited incomes
- ✓ Inventoried available services in the Central Midlands region and identified areas of redundancy and gaps in service
- ✓ Identified and documented restrictions on eligibility for funding
- ✓ Identified and documented short- and long-range strategies in the Central Midlands region to address the identified gaps in service, including mobility management strategies
- ✓ Identified and documented technological resources that are currently available and appropriated for coordination of transportation services
- ✓ Identified and documented coordination actions in Central Midlands region to eliminate or reduce duplication in services and strategies for more efficient utilization of resources
- ✓ Documented and prioritized implementation strategies to increase coordination of transportation services in the Central Midlands region.

Lower Richland 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.

- ✓ Coordinated Advisory Committee Meeting
- ✓ Conducted Public Information Meetings
- ✓ Developed and finalized Demographic Trends report
- ✓ Documented and identified multimodal transportation needs for the final report.
- ✓ Coordinated with the SCDOT Planning Office for preparing project cost estimates
- ✓ Development of Stakeholders database
- ✓ Finalized Needs and Improvements Report
- ✓ MPO Policy Committee Adoption of the Final Report

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.

- ✓ Conduced Public Information Meetings
- ✓ Development of a Stakeholder's Database
- ✓ Transportation and Land Use Scenario Assessment
- ✓ Identification of Road Improvement Needs
- ✓ Identification of Intersection Improvement Needs

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:

- ✓ Completed the Commuter Rail Element
- ✓ Completed the Transit Element
- ✓ Completed the Transportation Enhancement Element
- ✓ Completed the Project Selection Process for Widening and Intersection Improvements
- ✓ Continued implementation of the 2002 Congestion Management Systems Plan
- ✓ Continued work on the Transportation and Land Use Integration Report
- ✓ Completed the Air Quality Element
- ✓ Completed the Socio-Economic Element
- ✓ Completed a Public Participation Strategy
- ✓ Completed six public meetings

Additionally, this task has also included revisions to the 2025 LRTP. Revisions included the addition of 12 intersection improvement projects being added to the COATS Intersection Improvement Program. In addition to a new interchange along I-26 in Calhoun County.

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:

- ✓ Conducted research on the development of an Alternative Analysis for the Camden to Columbia Corridor
- ✓ Monitored Rail Transit activities in Charlotte as a peer city
- ✓ Considered commuter rail connectivity to Sumter
- ✓ Applied for a Brownfield's grant that would support the development of brownfields along the three rail corridors.
- ✓ Preparation for the 2008 FTA Triennial Review
- ✓ Continued support for CMRTA activities
- ✓ Analysis of potential bus turnout locations

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.

MPO Transportation Planning Brochure

The staff developed an educational outreach tool that will inform municipal officials and the general public on the relationship between transportation and land use in creating more livable communities.

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 occurred:

- ✓ TIP Amendments for the following actions:
 - Section 5310 funding requests for FY 2009
 - Sections 5316 & 5317 funding requests for FY 2009
 - Funding adjustment for SC 6 (I-20 to SC 602)
 - Funding and scheduling adjustment for SC 602 (Emmanuel Church Rd. to SC 6)
 - Funding and scheduling adjustment for Old Cherokee Road (US 378 to SC 6)
 - Addition of an ITS project
 - Addition of sixteen Signal System Projects
 - Addition of five Enhancement Projects
 - Addition of the Town of Lexington PRT Project
 - Revision to the Town of Irmo Enhancement Projects
 - Addition of the North Main Street/Fairfield Road Federal Earmark

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
- ✓ Received approval from Commissioner Henry Taylor in reference to the FY 2007 Transportation Enhancement Projects
- ✓ Attended the AMPO Conference in Little Rock, Arkansas
- ✓ Submitted federal grant quarterly reports to the FTA
- ✓ Staff attended the CMRTA Board Meetings
- ✓ Administered the Transportation Enhancement Program
- ✓ Administered the COATS DBE Plan
- ✓ Developed the Annual Listing of Obligated Projects Report

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2008-2009 COATS Unified Planning Work Program (UPWP) is based on the COATS's 2025 Long-Range Transportation Plan, which was updated and approved by the Policy Committee on September 25, 2003. 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 2008-2009 UPWP emphasizes activities that promote the implementation of the existing Plan and establish a foundation for the 2008 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

2008-2009 UNIFIED PLANNING WORK PROGRAM OVERVIEW

The 2008-2009 Unified Planning Work Program (UPWP) is based on COATS's 2025 Long-Range Transportation Plan, updated and approved by COATS Policy Committee on September 25, 2003. The goals for this program year are threefold:

Goal #1: To complete outstanding 2007-2008 UPWP tasks

Goal #2: To commence and complete new 2008-2009 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 2007-2008 UPWP will be continued:

- White Knoll Sub-Area Plan
- Regional Congestion Management Plan
- Regional Motor Freight Transportation Plan
- Regional Intelligent Transportation Systems Plan

Goal #2

Goal #2 will be achieved by completing the following new 2008-2009 tasks:

- Regional Pathways Plan
- Commuter Rail Alternative Analysis
- 2035 Long Range Transportation Plan
- Transit Planning & Technical Assistance
- Town of Irmo/Dutch Fork Sub-Area Plan
- Town of Elgin/Kershaw County Sub-Area Plan
- Human Service Coordination Plan-Needs Assessment
- Regional Travel Demand Model-External Station Survey

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 2008-2009

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 Travel Demand Modeling External Station Survey Activities; ➤ Selected Town of Elgin/Kershaw County Sub-Area Planning Activities; ➤ Selected Regional Congestion Management Planning Activities; ➤ Selected Regional Pathways Plan Activities ➤ 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 2008-2009 UPWP.										
Project Sponsor/Participating Agencies:	Funding Sources:									
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMOG Member Governments, Other agencies as appropriate</p>	<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> <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 2008-2009 Unified Planning Work Program (UPWP), and develop a subsequent work program.	
METHODOLOGY: This task includes all necessary work required to process amendments to the 2008-2009 UPWP. In addition, this task will allow for the development of the 2009-2010 UPWP during the 2008-2009 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 2008-2009 UPWP as necessary and appropriate and the development of the 2009-2010 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 2008-2009

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 30,000 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 15.6 million square feet of shopping center space; over 13 million square feet of office space; over 7 million square feet of warehouse and industrial buildings; and commercial land sites 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
	<u>LOCAL</u>	<u>\$ 7,500.00</u>
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	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 ➤ Program Management Plan ➤ 2035 Long Range Transportation Plan ➤ Commuter Rail Feasibility Study ➤ COATS 2035 TransCad Travel Demand Model ➤ Bicycle and Pedestrian Pathways Plan ➤ Transportation Enhancement Program 		
END PRODUCT: Implementation of transportation planning projects.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 40,000.00
	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 10,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	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 various GIS transportation layers for planning and analysis. CMCOG member governments constantly send to the GIS Department, updated data that is incorporated into the system.</p> <p>Routine maintenance efforts are undertaken as part of the GIS work program annually. These efforts allow COATS to more fully utilize GIS in relations to vehicle traffic counts, functional classification, environmental screening, demographic analysis, linking TransCad modeling data to GIS, and other related efforts. Additionally, GIS will be used for demographic analysis for the identification of specific locations within the MPO area in need of attention under the area of environmental justice.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ➤ Coordination with member agencies to ensure that the most recent data is being used; ➤ File maintenance of COATS GIS data layers; ➤ Continuing 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. ➤ Cartography/graphic support for visualization, public involvement, and scenario planning ➤ Continue to enhance employment GIS layers for various transportation projects. ➤ Transportation modeling of different scenarios (i.e. changes in land use patterns). 		
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 2008-2009

3 — LONG-RANGE TRANSPORTATION PLANNING

3A — Air Quality and Conformity

3B — Regional Congestion Management Plan

3C — ITS Coordination Plan

3D — Long-Range Transportation Plan

3E — Rail, Truck and Transit Planning

3F — Travel Demand Modeling – External Station Survey

3G — Sub-Area Plans

3H — Regional Pathways Plan

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

3J — Transit Planning & Technical Assistance

3K — 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 	
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)	\$ 32,000.00
	FTA (Section 5307 X-144)	\$ 0.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 8,000.00
	TOTAL	\$ 40,000.00

PROJECT NO:	3B
PROJECT TITLE:	Regional Congestion Management Plan
OBJECTIVE: To explore and develop a plan that will provide relief to the congested areas of the region.	
METHODOLOGY: Federal requirements state that regions with more than 200,000 people, known as Transportation Management Areas (TMAs), must maintain a CMP and use it to inform transportation planning and decision-making. These requirements were introduced by the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 and were continued under the successor law, the Transportation Equity Act for the 21st Century (TEA-21). Whereas previous laws referred to this set of activities as a congestion management system (CMS), the most recent surface transportation authorization law, the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), refers to a “congestion management process”, reflecting that the goal of the law is to utilize a process that is an integral component of metropolitan transportation planning. Currently there are over 500,000 people within the metropolitan boundary of the Central Midlands region and six high growth districts as identified by the 2000-2004 Mid-Census Review of Population Change and Development Activity. The Central Midlands Council of Governments Regional Congestion Management Plan is intended 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.	
END PRODUCT: A published Regional Congestion Management Plan that satisfies the needs of the member agencies and the requirements of the MPO.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 10,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	Richland County CTC \$ 40,000.00
	FTA (Section 5307 X-144) \$ 50,000.00
	LOCAL \$ 15,000.00
	TOTAL \$115,000.00

PROJECT NO:	3C	
PROJECT TITLE:	ITS Coordination Plan	
OBJECTIVE: To explore and define transportation technologies that are use to communicate and disseminate information throughout the region.		
METHODOLOGY: The Regional ITS Architecture is a tool to help ITS project sponsors develop projects by providing a basic framework for how different ITS projects in the region fit together, encouraging stakeholder involvement in project planning, and promoting the use of common design and communication standards. A major goal is the integration of ITS projects so that data can be cost-effectively shared between projects. The Architecture is important because, per federal law, most ITS projects must demonstrate that they fit within the Architecture in order to receive federal funds. The architecture will be an important new tool used by: <ul style="list-style-type: none"> • COATS MPO to better reflect integration opportunities and operational needs into the transportation planning process. • Operating agencies to recognize and plan for transportation integration opportunities in the region. • Other organizations and individuals that use the transportation system in the COATS study area. The regional ITS architecture will have a particular focus on those systems and interfaces that are likely to be implemented in the next ten years. The architecture covers the broad spectrum of Intelligent Transportation Systems, including Traffic Management, Transit Management, Traveler Information, Emergency Management, and Emergency/Incident Management over this time horizon.		
END PRODUCT: A published regional ITS Coordination Plan that satisfies the needs of the member agencies, State and regional agencies, and the requirements of the MPO.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 0.00
	FTA (Section 5307 X-144)	\$120,000.00
	LOCAL	\$ 30,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL	\$150,000.00

PROJECT NO:	3D	
PROJECT TITLE:	Long Range Transportation Plan	
OBJECTIVE:	To complete work on the 2035 Long Range Transportation Plan (LRTP).	
METHODOLOGY:	<p>As required by law, each Metropolitan Planning Organization (MPO) must have a complete and up-to-date LRTP. Federal Regulations dictate that the plan must be updated a minimum of every five years unless you're in a non-attainment area, and then the requirement is every 4 years. COATS last complete LRTP was the 2025 Long Range Transportation Plan, completed in September 2003.</p> <p>The 2035 LRTP update is scheduled for completion and Policy Committee adoption by October 2008. The 2035 LRTP will be using a travel demand model developed by using TransCad software. All tasks and activities conducted as part of this project will ensure that the principles and procedures of Environmental Justice and Title VI receive the appropriate attention. Demographic and economic profiles for all current program and long-range plan projects will be maintained. Future fiscal allocations will be required to allow for continuation.</p> <p>Listed below are major activities of the Plan to be completed during the 2008-2009 fiscal year:</p> <ul style="list-style-type: none"> ➤ 2035 Long Range Transportation Plan 	
END PRODUCT:	Continuation and the commencement of efforts towards a full replacement LRTP.	
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 50,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5307 X-144)	\$ 0.00
	LOCAL	\$ 12,500.00
	TOTAL	\$ 62,500.00

PROJECT NO:	3E
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>Commuter Rail 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 and a locally preferred alternative will be determined 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 significant new federal 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 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>Regional Motor Freight Plan</u> The Central Midlands Council of Governments Regional Motor Freight Transportation Plan assesses the current state of the region's freight transportation and logistics systems; determines the needs of the systems' principal users; develops a strategic vision to guide future policy development; and recommends priority improvements to the system. With the assistance of Wilbur Smith Associates, staff will work towards completion of this study.	
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 completion of the Regional Motor Freight Transportation Plan.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 65,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FTA (Section 5339) \$ 297,000.00
	FTA (Section 5307 X-144) \$ 105,000.00
	LOCAL \$ 116,750.00
	TOTAL \$ 583,750.00

PROJECT NO:	3F
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) \$ 55,000.00
	FTA (Section 5307 X-144) \$ 60,000.00
	LOCAL \$ 28,750.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	TOTAL \$143,750.00

PROJECT NO:	3G								
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>\$ 65,000.00</td> </tr> <tr> <td>FTA (Section 5307 X-144)</td> <td>\$110,000.00</td> </tr> <tr> <td>LOCAL</td> <td>\$ 43,750.00</td> </tr> <tr> <td>TOTAL</td> <td>\$218,750.00</td> </tr> </table>	FHWA(PL)	\$ 65,000.00	FTA (Section 5307 X-144)	\$110,000.00	LOCAL	\$ 43,750.00	TOTAL	\$218,750.00
FHWA(PL)	\$ 65,000.00								
FTA (Section 5307 X-144)	\$110,000.00								
LOCAL	\$ 43,750.00								
TOTAL	\$218,750.00								

PROJECT NO:	3H	
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: In 2005, the Central Midlands Council of Governments adopted a Bicycle and Pedestrian Pathway Plan. The purpose of the plan is to assist the Central Midlands region in determining how policies and projects could be developed to establish a regional pathways system. The public participated in the preparation of this plan and requested that additional items should be addressed in the future. These items include: <ul style="list-style-type: none"> ➤ Increase cooperation between stakeholders; fund and develop a complete bicycle and pedestrian network ➤ Work to improve safety at major intersections through the use of signage, controls and other measures ➤ Develop pathways that is not only safe and functional, but provide an attractive and pleasant park-like setting Staff will develop a Regional Pathways Plan that will address these concerns.		
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 Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FHWA(PL) \$ 60,000.00 FTA (Section 5307 X-144) \$ 0.00 LOCAL \$ 15,000.00 <hr/> TOTAL \$ 75,000.00

PROJECT NO:	3I								
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><u>LOCAL</u></td> <td><u>\$ 18,750.00</u></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	<u>LOCAL</u>	<u>\$ 18,750.00</u>	TOTAL	\$ 93,750.00
FHWA(PL)	\$ 75,000.00								
FTA (Section 5307 X-144)	\$ 0.00								
<u>LOCAL</u>	<u>\$ 18,750.00</u>								
TOTAL	\$ 93,750.00								

PROJECT NO:	3J
PROJECT TITLE:	Transit Planning & Technical Assistance
OBJECTIVE: To conduct a system-wide Comprehensive Operational Analysis (COA), develop a transit service improvement plan, and provide implementation technical assistance and guidance for the Central Midlands Regional Transit Authority (CMRTA).	
METHODOLOGY: The CMRTA will competitively procure professional services for the conduct of the COA, the development of the transit service re-design/improvement plan, and provision of the implementation technical assistance and guidance. The work to be conducted as a part of the COA will include, but not be limited to, the following tasks: <ul style="list-style-type: none"> ➤ Conducting a detailed boarding and alighting survey (7-day, 100% survey). ➤ Reviewing the existing conditions at all fixed route bus stops. ➤ Review of all aspects of service operations, including routing, scheduling, dispatch, etc. ➤ Review of all vehicle and facility maintenance activities, schedules, and procedures. 	
END PRODUCT: A comprehensive analysis of all aspects of transit service operations, a service re-design/improvement plan and implementation technical assistance.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: COATS	FHWA(PL) \$ 0.00
	FTA (Section 5307 X-144) \$ 0.00
	FTA (Section 5307 X-172) \$200,000.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL \$ 50,000.00
	TOTAL \$250,000.00

PROJECT NO:	3K
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) \$160,000.00
	Richland County \$100,000.00
	LOCAL \$ 40,000.00
	TOTAL \$300,000.00

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UNIFIED PLANNING WORK PROGRAM

FY 2008-2009

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 2008-2009

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 2008-2009 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"> ➤ Fort Jackson Sustainability Study ➤ Richland County Comprehensive Plan ➤ Lexington County Highway Improvement Assessment 										
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, CMOG Member Governments, Other agencies as appropriate</p>	<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 15,938.00</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;">\$ 3,984.50</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 19,922.50</td> </tr> </table>		FHWA(PL)	\$ 15,938.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 3,984.50	TOTAL	\$ 19,922.50
FHWA(PL)	\$ 15,938.00									
FTA (Section 5307 X-144)	\$ 0.00									
LOCAL	\$ 3,984.50									
TOTAL	\$ 19,922.50									

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UNIFIED PLANNING WORK PROGRAM

FY 2008-2009

6 — BUDGET TABLES

2008-2009 Table 1 – Summary Budget

2008-2009 Table 2 – Summary Budget – Federal Programs

2008-2009 Table 3 – SAFETEA-LU Task Matrix

2008-2009 UPWP TABLE 1 - SUMMARY BUDGET

TASK			FUNDING SOURCES													
ID	SUB-ID	Category	FHWA-PL	CMCOG Match for FHWA-PL	**Richland CTC	***Richland County Government	FTA 5307 (X-TBA)	CMCOG Match for FTA (X-TBA)	FTA 5307 (X-172)	CMRTA Match for FTA X-172	*FTA 5309	CMCOG Match for FTA 5309	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	\$ 32,000.00	\$ 8,000.00											\$ 8,000.00	\$ 40,000.00
3B		Regional Congestion Management Plan	\$ 10,000.00	\$ 2,500.00	\$ 40,000.00							\$ 50,000.00	\$ 12,500.00	\$ 15,000.00	\$ 115,000.00	
3C		ITS Coordination Plan	\$ -	\$ -								\$ 120,000.00	\$ 30,000.00	\$ 30,000.00	\$ 150,000.00	
3D		Long-Range Transportation Plan	\$ 50,000.00	\$ 12,500.00											\$ 12,500.00	\$ 62,500.00
3E		Rail, Truck and Transit Planning	\$ 25,000.00	\$ 6,250.00											\$ 6,250.00	\$ 31,250.00
3E - 1		Commuter Rail Alternative Analysis	\$ -	\$ -						\$ 297,000.00	\$ 74,250.00				\$ 74,250.00	\$ 371,250.00
3E - 2		Commuter Rail Feasibility Study	\$ -	\$ -								\$ 35,000.00	\$ 8,750.00	\$ 8,750.00	\$ 43,750.00	
3E - 3		Town of Batesburg-Leesville Transit Feasibility Study	\$ 25,000.00	\$ 6,250.00								\$ 70,000.00	\$ 17,500.00	\$ 23,750.00	\$ 118,750.00	
3E - 4		Regional Motor Freight Transportation Plan	\$ 15,000.00	\$ 3,750.00											\$ 3,750.00	\$ 18,750.00
3F		Travel Demand Modeling	\$ 35,000.00	\$ 8,750.00											\$ 8,750.00	\$ 43,750.00
3F - 1		External Station Survey/TAZ Refinement	\$ 20,000.00	\$ 5,000.00								\$ 60,000.00	\$ 15,000.00	\$ 20,000.00	\$ 100,000.00	
3G		Sub-Area Plans	\$ 15,000.00	\$ 3,750.00											\$ 3,750.00	\$ 18,750.00
3G - 1		Town of Elgin/Kershaw County	\$ 25,000.00	\$ 6,250.00								\$ 50,000.00	\$ 12,500.00	\$ 18,750.00	\$ 93,750.00	
3G - 2		Town of Immo/Dutch Fork	\$ 25,000.00	\$ 6,250.00								\$ 50,000.00	\$ 12,500.00	\$ 18,750.00	\$ 93,750.00	
3G - 3		White Knoll /Lexington County	\$ -	\$ -								\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 12,500.00	
3H		Major Pathways Plan	\$ 60,000.00	\$ 15,000.00											\$ 15,000.00	\$ 75,000.00
3I		Environmental Mitigation, Agency Consultation, Safety & Security	\$ 75,000.00	\$ 18,750.00											\$ 18,750.00	\$ 93,750.00
3J		Transit Planning & Technical Assistance							\$ 200,000.00	\$ 50,000.00					\$ 50,000.00	\$ 250,000.00
3K		Broad River Road Corridor & Community Study				\$ 100,000.00	\$ 160,000.00	\$ 40,000.00							\$ 40,000.00	\$ 300,000.00
Total			\$ 412,000.00	\$ 103,000.00	\$ 40,000.00	\$ 100,000.00	\$ 160,000.00	\$ 40,000.00	\$ 200,000.00	\$ 50,000.00	\$ 297,000.00	\$ 74,250.00	\$ 445,000.00	\$ 111,250.00	\$ 378,500.00	\$ 2,032,500.00
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	\$ 15,938.00	\$ 3,984.50											\$ 3,984.50	\$ 19,922.50
Total			\$ 15,938.00	\$ 3,984.50	\$ -							\$ -	\$ -	\$ -	\$ 3,984.50	\$ 19,922.50
Grand Total			\$ 637,938.00	\$ 159,484.50	\$ 40,000.00	\$ 100,000.00	\$ 160,000.00	\$ 40,000.00	\$ 200,000.00	\$ 50,000.00	\$ 297,000.00	\$ 74,250.00	\$ 445,000.00	\$ 111,250.00	\$ 434,984.50	\$ 2,314,922.50

*Funding shown in FTA Section 5309 for the Commuter Rail Feasibility Study will be expended over multiple years
 ** Richland County Transportation Committee has dedicated additional funding to the Regional Congestion Management Plan
 ***Richland County Government had committed funding for the Broad River Road Corridor & Community Study

2008 - 2009 UPWP TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS												
TASK			BUDGET									
ID	SUB-ID	Category	FHWA-PL	**Richland CTC	***Richland County Government	FTA 5307 (X-TBA)	FTA 5307 (X-172)	*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	\$ 32,000.00							\$ 32,000.00	\$ 8,000.00	\$ 40,000.00
3B		Regional Congestion Management Plan	\$ 10,000.00	\$ 40,000.00					\$ 50,000.00	\$ 60,000.00	\$ 15,000.00	\$ 115,000.00
3C		ITS Coordination Plan	\$ -					\$ 120,000.00		\$ 120,000.00	\$ 30,000.00	\$ 150,000.00
3D		Long-Range Transportation Plan	\$ 50,000.00							\$ 50,000.00	\$ 12,500.00	\$ 62,500.00
3E		Rail, Truck and Transit Planning	\$ 25,000.00							\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
	3E - 1	Commuter Rail Alternative Analysis	\$ -					\$ 297,000.00		\$ 297,000.00	\$ 74,250.00	\$ 371,250.00
	3E - 2	Commuter Rail Feasibility Study	\$ -					\$ 35,000.00		\$ 35,000.00	\$ 8,750.00	\$ 43,750.00
	3E - 2	Town of Batesburg-Leesville Transit Feasibility Study	\$ 25,000.00					\$ 70,000.00		\$ 95,000.00	\$ 23,750.00	\$ 118,750.00
	3E - 4	Regional Motor Freight Plan	\$ 15,000.00							\$ 15,000.00	\$ 3,750.00	\$ 18,750.00
3F		Travel Demand Modeling	\$ 35,000.00							\$ 35,000.00	\$ 8,750.00	\$ 43,750.00
	3F - 1	External Station Survey/TAZ Refinement	\$ 20,000.00					\$ 60,000.00		\$ 80,000.00	\$ 20,000.00	\$ 100,000.00
3G		Sub-Area Plans	\$ 15,000.00							\$ 15,000.00	\$ 3,750.00	\$ 18,750.00
	3G - 1	Town of Elgin/Kershaw County	\$ 25,000.00					\$ 50,000.00		\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
	3G - 2	Town of Irmo/Dutch Fork	\$ 25,000.00					\$ 50,000.00		\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
	3G - 3	White Knoll Sub-Area Plan	\$ -					\$ 10,000.00		\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3H		Regional Pathways Plan	\$ 60,000.00							\$ 60,000.00	\$ 15,000.00	\$ 75,000.00
3I		Environmental Mitigation, Agency Consultation, and Safety & Security	\$ 75,000.00							\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
3J		Transit Planning & Technical Assistance	\$ -				\$ 200,000.00			\$ 200,000.00	\$ 50,000.00	\$ 250,000.00
3K		Broad River Road Corridor & Community Study	\$ -		\$ 100,000.00	\$ 160,000.00				\$ 160,000.00	\$ 40,000.00	\$ 300,000.00
Total			\$ 412,000.00	\$ 40,000.00	\$ 100,000.00	\$ 160,000.00	\$ 200,000.00	\$ 297,000.00	\$ 445,000.00	\$ 1,514,000.00	\$ 378,500.00	\$ 2,032,500.00
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	\$ 15,938.00							\$ 15,938.00	\$ 3,984.50	\$ 19,922.50
Total			\$ 15,938.00	\$ -					\$ -	\$ 15,938.00	\$ 3,984.50	\$ 19,922.50
Grand Total			\$ 637,938.00	\$ 40,000.00	\$ 100,000.00	\$ 160,000.00	\$ 200,000.00	\$ 297,000.00	\$ 445,000.00	\$ 1,739,938.00	\$ 434,984.50	\$ 2,314,922.50
Grand Total (Including Richland CTC & Richland County Funds)			\$ 140,000.00						plus	\$ 2,174,922.50	equals	\$ 2,314,922.50

*Funding shown in FTA Section 5339 for the Commuter Rail Feasibility Study will be expended over multiple years
** Richland County Transportation Committee has dedicated additional funding to the Regional Congestion Management Plan
***Richland County Government had committed funding for the Broad River Road Corridor & Community Study

2008 - 2009 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-09	PL Quarterly Report
2		Short-Range Transportation Planning										
2A		Data Collection, Compilation, and/or Analysis	X	X	X	X	X	X	X	X	Jun-09	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		Continuous	PL Quarterly Report
3B		Regional Congestion Management Plan		X	X	X		X	X	X	Sep-08	Technical Memos
3C		ITS Coordination Plan		X	X	X		X	X	X	Jun-09	Technical Memos
3D		Long-Range Transportation Plan	X	X	X	X	X	X	X	X	Oct-09	PL Quarterly Report
3E		Rail, Truck and Transit Planning	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3E - 1	Commuter Rail Alternative Analysis	X	X	X	X	X	X	X	X	Jun-09	Technical Memos
	3E - 2	Commuter Rail Feasibility Study	X	X	X	X	X	X	X	X	Jun-09	PL Quarterly Report
	3E - 3	Batesburg-Leesville Transit Feasibility Study	X	X	X	X	X	X	X	X	Jun-09	Technical Memos
	3E - 4	Regional Motor Freight Transportation Plan	X	X	X	X	X	X	X	X	Sep-08	Technical Memos
3F		Travel Demand Modeling	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3F - 1	External Station Survey/TAZ Refinement	X	X	X	X	X	X	X	X	Jun-09	Technical Memos
3G		Sub-Area Plans	X	X		X	X	X	X	X	Continuous	PL Quarterly Report
	3G - 1	Town of Irmo/Dutch Fork	X	X		X	X	X	X	X	Jun-09	Technical Memos
	3G - 2	Town of Elgin/Kershaw County	X	X		X	X	X	X	X	Jun-09	Technical Memos
	3G - 3	White Knoll Sub-Area Plan	X	X		X	X	X	X	X	Sep-08	Technical Memos
3H		Regional Pathways Plan	X	X	X	X	X	X	X	X	Jun-09	PL Quarterly Report
3I		Environmental Mitigation, Agency Coordination, and Safety & Security	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
3J		Transit Planning & Technical Assistance	X	X	X	X	X	X	X	X	Jun-09	PL Quarterly Report
3K		Broad River Road Corridor & Community Study	X	X	X	X	X	X	X	X	Sep-09	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 2009 UPWP

APPROVED UPWP AMENDMENTS

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

Revision 1 – October 23, 2008

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



July 3, 2008

Mr. Milton Pope, Richland County Administrator
2020 Hampton Street
Columbia, SC 29201

Subject: Broad River Road Corridor and Community Study

Dear Mr. Pope:

Based on the collaborative efforts of Joe Kocy, Richland County Planning Director, and Reginald Simmons, Central Midlands Council of Governments' Transportation Director, we anticipate entering into a Memorandum of Agreement between the County and the COG regarding *the Broad River Road Corridor and Community Study*. The Memorandum of Agreement will specify the general scope of the project and the respective roles of the County Planning Department and CMCOG in project management, administration and funding. We would like the County staff to play an active role in all aspects of the project. The COG has a successful track record in completing similar plans in other parts of our region, but this would be the first "sub-area plan" to place a major emphasis on the relationship between transportation and neighborhood revitalization.

It is our understanding that Richland County Government will commit a total of \$100,000 in local funding through the Richland County Neighborhood Improvement Program for this joint study. In turn, CMCOG will request up to \$200,000 from the Federal Transit Administration (FTA).

The primary component of this project is a transportation corridor study from the Broad River Bridge to Haviland Circle. The 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. The plan 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.

We're looking forward to this partnership. Please contact me if you need any additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Norman Whitaker".

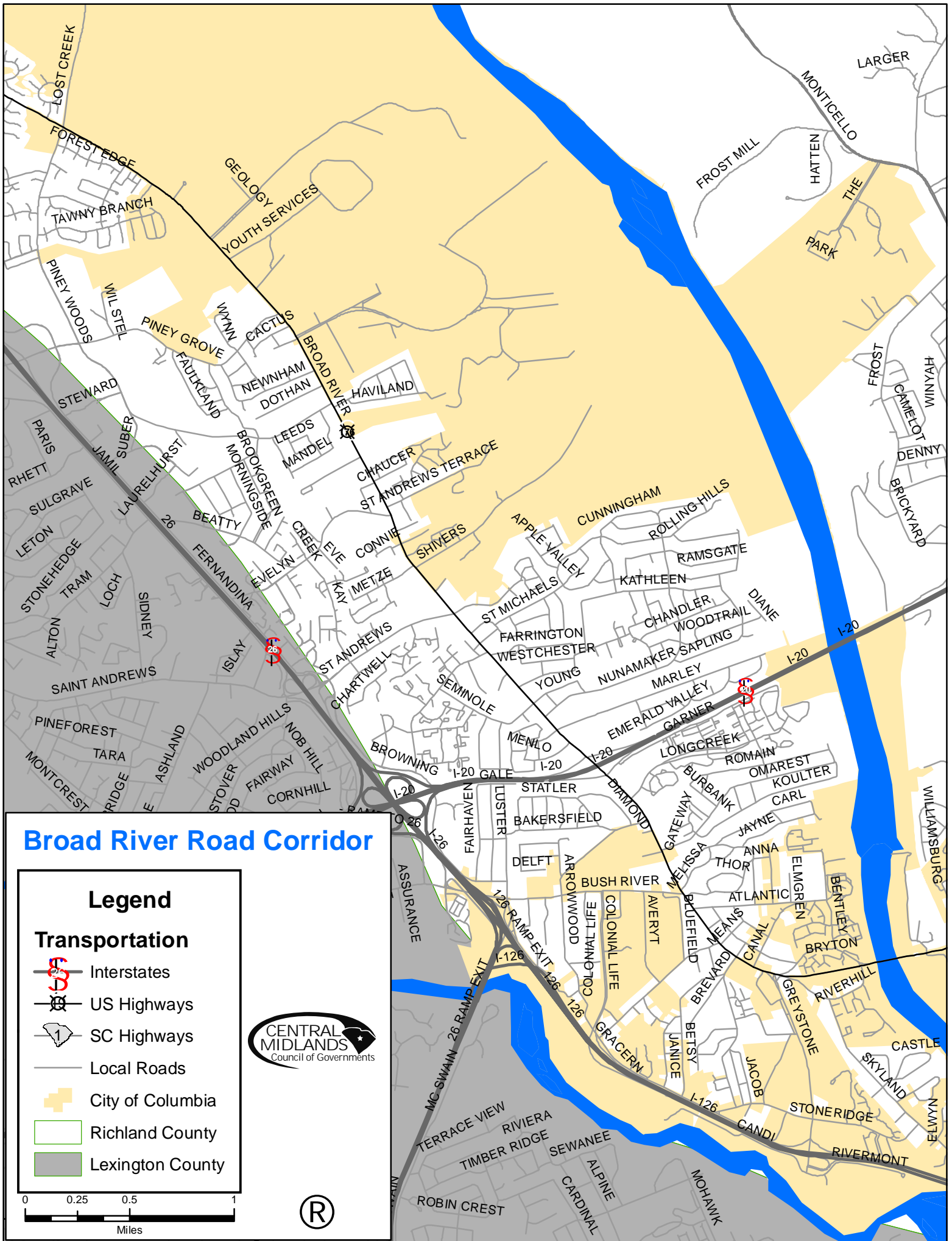
Norman Whitaker AICP
Executive Director

cc: Reginald Simmons
Joe Kocy
Tiaa Rutherford

**Approved by the CMCOG Board
on August 28, 2008**

**Public Comment Period:
August 18, 2008 to Sept. 18, 2008**





**Ratified by the CMCOG Board
October 23, 2008**






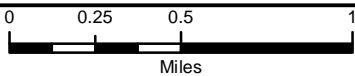
Broad River Road Corridor

Legend

Transportation

-  Interstates
-  US Highways
-  SC Highways
-  Local Roads

-  City of Columbia
-  Richland County
-  Lexington County





**Approved by the CMCOG Board
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on October 23, 2008**

DATE: August 28, 2008
TO: CMCOG Board of Directors
FROM: Reginald Simmons, Transportation Director
SUBJECT: FY 2009 Unified Planning Work Program Amendment

REQUESTED ACTION

The Central Midlands Council of Governments' staff requests approval to amend the 2008-2009 Unified Planning Work Program (UPWP). This request to amend the FY 2009 UPWP is to provide administrative support to various transportation planning projects.

PROGRAM DESCRIPTION

On May 22, 2008 the MPO Policy Committee approved the FY 2009 UPWP. Transportation planning projects identified in the FY 2009 UPWP address transit planning, sub-area plans, commuter rail analysis, congestion management, and motor freight. Funding for these projects is mostly provided by SCDOT Planning Funds with the assistance and support of the Federal Transit Administration Planning Funds. In order to address the financial need for the FY 2009 projects, the staff recommends the following amendments:

	<i>FTA Funds</i>	<i>PL Funds</i>
<i>Regional Congestion Management Plan</i>		
Existing:	\$50,000	\$0
Amendment:	\$50,000	\$10,000
<i>Town of Irmo/Dutch Fork Sub-Area Plan</i>		
Existing:	\$75,000	\$0
Amendment:	\$50,000	\$25,000
<i>Town of Elgin/Kershaw County Sub-Area Plan</i>		
Existing:	\$75,000	\$0
Amendment:	\$50,000	\$25,000
<i>Batesburg-Leesville Transit Study</i>		
Existing:	\$70,000	\$0
Amendment:	\$70,000	\$25,000
<i>Long Range Transportation Plan</i>		
Existing:	\$0	\$55,000
Amendment:	\$0	\$50,000
<i>Sub-Area Plans</i>		
Existing:	\$0	\$25,000
Amendment:	\$0	\$15,000
<i>External Station Survey/TAZ Refinement</i>		
Existing:	\$0	\$85,000
Amendment:	\$60,000	\$20,000
<i>Environmental Mitigation, Agency Consultation, Safety & Security</i>		
Existing:	\$0	\$80,000
Amendment:	\$0	\$75,000

Please note that the local funding match will also be adjusted in accordance with these amounts.

The Transportation Subcommittee and Technical Committee both recommend approval of this request.

G:\COATS MPO-Reginald\Transportation Subcommittee\Support Materials\FY 2009\August 14, 2008\FY 2009 UPWP Amendment #2-Trans Sub.doc