

Rural Planning Work Program



FY 2009/10

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

Adopted on June 25, 2009

This preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f) of Title 23, Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

2009-2010

RURAL PLANNING WORK PROGRAM

FOR TRANSPORTATION PLANNING

IN THE

CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS REGION

**Approved by the Board of Directors of the
Central Midlands Council of Governments**

June 25, 2009

"The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

**CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS
2009 – 2010 RURAL PLANNING WORK PROGRAM**

TABLE OF CONTENTS

Central Midlands Council of Governments Region Map.....5

2009-2010 Rural Planning Work Program Purpose 7

Development of the Rural Planning Work Program7

CMCOG Organization 8

Organizational Objectives9

Staffing..... 10

Operational Procedures and Bylaws..... 11

Rural Planning Work Program Framework..... 11

2008-2009 Summary of Major Accomplishments 12

 General Administration.....12

 Public Participation.....12

 2009-2010 RPWP Development.....12

 Data Collection, Compilation, and/or Analysis13

 Geographic Information Systems (GIS)13

 Regional Congestion Management Plan13

 Regional Motor Freight Transportation Plan.....14

 Batesburg-Leesville/Columbia Transit Feasibility Study14

 Human Service Transportation Coordination Plan14

 Bike and Pedestrian (Regional) Pathways Plan15

 Intelligent Transportation System (ITS)15

 2025 Rural Long Range Transportation Plan15

 Rail, Truck and Transit Planning16

 Camden/Columbia Alternative Analysis16

 Transportation Project Implementation17

 Travel Demand Modeling17

 Rural Transportation Improvement Program.....17

 Miscellaneous Activities & Special Technical Assistance17

Summary of Major Programmed Activities 18

2009-2010 Rural Planning Work Program Overview 19

1 – Program Administration and Support..... 21

 1A – General Administration..... 23

 1B – Professional Services 24

 1C – Public Participation25

 1D – RPWP Maintenance and Development..... 26

2 – Short – Range Transportation Planning 27
 2A – Data Collection, Compilation, and/or Analysis29
 2B – Transportation Projects Implementation30
 2C – Geographic Information System31

3 – Long – Range Transportation Planning..... 33
 3A – Human Service Coordination-Closing the Gaps35
 3B – Rural Long Range Transportation Plan.....36
 3C – Rail, Truck and Transit Planning37
 3E – Regional Travel Demand Modeling38

4 – Rural Transportation Improvement Program 39
 4A – RTIP Development and Maintenance41

5 – Other Activities43
 5A – Miscellaneous Activities and Special Technical Assistance.....45

6 – Budget Tables...47
 2009-2010 Table 1 – Summary Budget49
 2009-2010 Table 2 – Summary Budget – Federal Programs.....50
 2009-2010 Table 3 – SAFETEA-LU Task Matrix51

FY 2010 Approved RPWP Amendments.....53

CENTRAL MIDLANDS COUNCIL OF GOVERNMENT RURAL PLANNING ORGANIZATION

2009-2010 RURAL PLANNING WORK PROGRAM (RPWP) - PURPOSE

The Rural Planning Work Program (RPWP) incorporates in one document all transportation planning and directly supporting comprehensive planning activities in the non-urbanized area of the Central Midlands Region, which appears in Figure 1, during the fiscal year 2009-2010. It is intended to provide a mechanism for the coordination of planning efforts by local, State, and regional agencies through the Central Midlands Council of Governments (CMCOG).

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 Rural 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:

Title 23, U.S. Code Section 134 (Federal Aid Highway Act of 1962, as amended)

Title 49, U.S. Code Section 1603 et. al.: (Urban Mass Transportation Act of 1964, as amended)

DEVELOPMENT OF THE RURAL PLANNING WORK PROGRAM

The Central Midlands Council of Governments (CMCOG) is a public agency created by the Counties of Fairfield, Lexington, Newberry and Richland, and the cities of Batesburg/Leesville, Cayce, Columbia, Forest Acres, Irmo, Lexington, Newberry, Springdale, West Columbia, and Winnsboro, as enabled by state planning law. The agency was organized in 1969 and has been providing planning, management and technical assistance to its member governments and local transit service providers since its inception. CMCOG has been charged with responsibility for area-wide transportation planning since its inception and serves as the designated Metropolitan Planning Organization for transportation program/project purposes. As the Rural Planning Organization (RPO), CMCOG has the responsibility to carry out the continuous, comprehensive and cooperative transportation planning process for the non-urbanized area. The Rural Planning Work Program (RPWP) identifies the transportation planning activities which are to be undertaken in the CMCOG study area in support of the goals, objectives and actions established in the 2025 Rural Long-Range Transportation Plan, which was adopted in December 2004. CMCOG staff, working with the Planning Department of the South Carolina Department of Transportation, annually initiates the process of developing the RPWP and prepares a final draft for the CMCOG Board 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 RPWP outlines a framework for the work program which the staff is expected to accomplish, and provides guidance with respect to a financial plan to support the Work Program. This 2009-2010 Work Program is intended to be consistent with the rural planning requirements of the State of South Carolina and its implementing regulations. 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 non-urbanized area transportation planning. This is to ensure that projects conceived by CMCOG 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 CMCOG Board to ensure that it is being carried out in a manner consistent with the RPO's goals. While it is the mission of the Staff and the CMCOG Board 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 RPWP is developed with member government participation based on their needs, consistent with the Rural 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 Staff then prioritizes the continuing program and the new projects. A draft RPWP is developed for the Rural Planning Committee review and recommendation of acceptance to the Executive Committee and the CMCOG Board. The CMCOG Board has the final responsibility to approve the RPWP.

CMCOG ORGANIZATION

The Central Midlands Council of Governments (CMCOG) 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:

CMCOG Board

The CMCOG 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 Central Midlands Council of Governments Region. The primary responsibility of the CMCOG Board is to establish policies for the overall conduct of the agency. The CMCOG Board meets on a monthly basis.

Rural Planning Committee

The Rural Planning Committee is responsible for making recommendations to the full CMCOG Board regarding project priorities to be funded by various Federal Aid Highway Programs and included in the Rural Transportation Improvement Program (RTIP). The Rural Planning Committee is scheduled to meet on a quarterly basis.

Executive Committee

The Executive Committee is made up of CMCOG Board members and provides oversight of transportation planning activities. The Executive Committee meets on a monthly basis.

Additional Committees

An important element in the operation of the CMCOG Board 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 CMCOG Board on subjects directed to them by the CMCOG Board which require extensive evaluation and which would be inefficient to resolve by the full committee. Additional Advisory Committees meet on an as needed basis.

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

Rail Transit Committee: This Committee consists of members of the CMCOG Board 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 is scheduled to meet on a monthly basis.

ORGANIZATIONAL OBJECTIVES

In order to achieve CMCOG program goals and the detailed technical activities inherent in them, the CMCOG 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 Rural 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 non-urbanized 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 Rural Planning Work Program (RPWP) will be primarily accomplished by the CMCOG Staff, with the assistance and cooperative support of the participating CMCOG member governments as well as the use of private consultants, where appropriate.

CMCOG Staff

A permanent, intermodal professional staff has been assembled to carry out the major portion of the CMCOG continuing transportation planning program. This staff, consisting of a Director, professional, technical and support personnel, will pursue specific CMCOG work program task elements under the direction of the Rural Planning 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 CMCOG on various issues as requested.

Lexington County Planning Agency Staff

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

Richland County Planning Agency Staff

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

Fairfield County Planning Agency Staff

The Fairfield County Planning Agency provides CMCOG with planning assistance.

Newberry County Planning Agency Staff

The Newberry County Planning Agency provides CMCOG with planning assistance.

Central Midlands Regional Transportation Authority Staff

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

OPERATIONAL PROCEDURES AND BYLAWS

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

RURAL PLANNING WORK PROGRAM (RPWP) FRAMEWORK

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

1. Maintenance of a Rural Transportation Improvement Program (RTIP), which identifies projects and/or programs to receive various sources of Federal funds covering highway, transit, and intermodal facilities and programs.
2. Maintenance and implementation of the Rural Long-Range Transportation Plan (RLRTP), which identifies priority transportation system deficiencies and feasible/appropriate methods for addressing those deficiencies in a fiscally constrained environment.
3. Three transportation goals were identified for the non-urbanized area in the CMCOG 2025 Rural Long-Range Transportation Plan adopted in December 2004 including: safety, maintenance, and congestion. Detailed objectives and action recommendations were also identified in regard to each of the goal areas.
4. Though it's primarily an urbanized requirement, CMCOG recognizes the requirements established by the Federal Highway Administration (FHWA) regarding the national transportation planning priorities included in the SAFETEA-LU and National Highway System legislation for use in the non-urbanized area.

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

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility options available to people and for freight;
5. Protect and enhance the environment, promote energy conservation and improve quality of life;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation; and
8. Emphasize the preservation of the existing transportation system.

2008-2009 SUMMARY OF MAJOR ACCOMPLISHMENTS

General Administration

The accomplishments under this task were necessary to ensure that the RPO 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 and four Rural Transportation 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;
- ✓ Continued management of the selected consultants for CMCOG General Transportation Planning/Engineering Services;
- ✓ Completed the required quarterly Planning Reports; and
- ✓ Continued training of various RPO staff as appropriate.

Public Participation

Significant public participation/media relations efforts and activities were conducted over the past program year for numerous RPWP 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 the Rural Transportation Improvement Plan (RTIP) process, the Rural Long Range Transportation Plan, and the Rural Planning Work Program as appropriate;
- ✓ 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;
- ✓ Participated in the Bike Friendly Committee meetings sponsored by the City of Columbia
- ✓ Worked with various municipalities and the media throughout 2008-2009 in an effort to promote the nature, role, and purpose of CMCOG; and
- ✓ Produced and distributed, as appropriate, a CMCOG Orientation Package, aimed at educating new committee members on the roles and responsibilities of the agency.

2009-2010 RPWP Development

This task involved the creation and dissemination of the 2008-2009 RPWP, 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 CMCOG region but resulted in modest responses. As recommended in correspondence from SCDOT, CMCOG is preparing an annual RPWP, covering the

period of July 1, 2009 through June 30, 2010. The Final Draft 2009-2010 UPWP is scheduled to be presented to the Rural Transportation Committee and CMCOG Board on May 28th and June 25th, 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 Rural Planning Organization (RPO). The four primary datasets utilized for this task are Populations Projections, Commercial Real Estate, Building Permits and Vehicle Data.

The following documents have been completed:

- ✓ Traffic Count Data Reports for each County (Lexington, Newberry, Richland, & Fairfield)
- ✓ 2008 Commercial Real Estate Report
- ✓ 2008 Multi-Family Rental and Condominium Survey
- ✓ 30-Year Population Estimations for Richland and Lexington Counties
- ✓ 30-Year Employment Estimations for Richland and Lexington Counties

Geographic Information Systems (GIS)

CMCOG 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 RPO area. Specific milestones worth noting for this project area include, but are not limited, to the following:

- ✓ Continued coordination with member agencies to ensure that the most recent data is being used;
- ✓ Continued file maintenance of CMCOG GIS data layers;
- ✓ Continued the linkage of TransCad modeling data with GIS to allow for easy access;
- ✓ Continued updates of GIS data (i.e. population data, employment data, aerial photography), maintenance, and the necessary adjustments as required in support of various RPWP planning efforts that will utilize GIS data.
- ✓ Continued cartography/graphic support for visualization, public involvement, and scenario planning
- ✓ Continued to enhance employment GIS layers for various transportation projects.
- ✓ Continued transportation modeling of different scenarios (i.e. changes in land use patterns.)

Regional Congestion Management Plan

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

- ✓ This project is 100% completed
- ✓ MPO Policy Committee approved the final report
- ✓ Transportation Subcommittee approved the final report
- ✓ Technical Committee approved the final report
- ✓ Completed the executive summary
- ✓ Interviewed new stakeholders who participated in the stakeholder meetings
- ✓ Completed documentation on performance measures and mitigation strategies
- ✓ Completed travel time runs
- ✓ Compiled travel time data for preliminary results of congested locations

- ✓ Examined existing strategies for performance evaluation
- ✓ Completed the 11 x 17 Brochure of the final document
- ✓ Completed the financial closeout of this project

Regional Motor Freight Transportation Plan

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

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

Batesburg-Leesville/Columbia Transit Feasibility Study

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

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

Human Services Transportation Coordination Plan

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

- ✓ Submitted and received approval of the Section 5316 & 5317 CMCOG Program Management Plan to the FTA

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

Bike and Pedestrian (Regional) Pathways Plan

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

- ✓ Mapped 2005-2008 Bike/Ped Accidents across region
- ✓ Received an update on the 2008 National Bike Summit
- ✓ Received an update on National Legislative Activities
- ✓ Reviewed with Bike/Ped Committee the process for developing a Regional Pathways Plan
- ✓ Participated in Blythwood Masterplanning process (July-August 2008)
- ✓ Participated in USC Bike Fair (March 2009)
- ✓ Participated in BikeColumbia Bike Valet service for Five Points Concert Series (May 2009)
- ✓ Participated in BikeColumbia Display Booth for Columbia Kids Day (April 2009)
- ✓ Participated in BikeColumbia Bike-to-Work Day (May 2009)
- ✓ Research funding of bike-ped initiatives in ARRA funding (Feb-March 2009)
- ✓ Review of local resurface projects for compatible bike-ped potential (March 2009)
- ✓ Researched bike-ped accidents in the region (Dec 2008)
- ✓ Collaborating with Lexington County volunteers/officials in developing county-wide greenway trail system
- ✓ Collaborated with Richland County volunteers/officials in developing county-wide greenway trail system and bike system
- ✓ Developed regional trail plan
- ✓ Facilitated leadership/development of the Saluda River Greenway (had 2 meetings, draft parcel maps, and delegating tasks)

Intelligent Transportation Systems (ITS)

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

2025 Rural Long-Range Transportation Plan (RLRTP)

CMCOG has continued implementation the 2025 RLRTP and is in the process of creating the 2035 Long-Range Transportation Plan with substantial work being completed during the past program year. The major accomplishments include:

- ✓ CMCOG Board approved an amendment to add Fairfield and Richland County Projects to the Road Improvement Program
- ✓ CMCOG submitted an approved list of road improvement projects to SCDOT for prioritization in accordance with ACT 114.

- ✓ CMCOG submitted an approved list of intersection improvement projects to SCDOT for prioritization in accordance with ACT 114
- ✓ Completed prioritization of the CMCOG intersection improvement projects
- ✓ Completed prioritization of the CMCOG widening improvement projects
- ✓ Continued development of the Financial Element
- ✓ Continued development of the Public Participation Element
- ✓ Continued development of the Introduction
- ✓ Continued development of the Capital Improvement Element
- ✓ Continued development of the Safety Element
- ✓ Continued development of the Security Element

Rail/Truck and Transit Planning

The purpose of this project was to include multi-modal transportation planning in the Rural Planning Organization (RPO) process in order to effectively address rail, truck and transit transportation issues, for moving both people and freight, as appropriate. Major accomplishments completed under this item include:

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

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

Camden/Columbia Alternative Analysis

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

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

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

Transportation Projects Implementation

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

Travel Demand Modeling

During the past year, CMCOG has continued to participate and communicate with the appropriate RPO member agencies regarding the road network and impedances in the area.

Rural Transportation Improvement Program

This project's purpose was to maintain and update the Rural Transportation Improvement Program (RTIP) for 2007-2012. Activities for this project are not intended to have a negative effect on the standards of the Clean Air Act. Activities identified in the RTIP should be in conformity with the Early Action Compact. Over the past year, the following occurred:

- ✓ RTIP Amendments for the following actions:
 - ✓ Section 5311 funding requests for FY 2010
 - ✓ Funding adjustment for Newberry Council on Aging FY 2010 5310 Grant
 - ✓ The addition of economic stimulus projects
 - ✓ The addition of an economic stimulus section

Staff also began the update and development of the 2009 – 2015 RTIP.

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 RPWP 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 occurred:

- ✓ Continued coordination with Fort Jackson about sustainability
- ✓ Continued coordination with Richland County Comprehensive Transportation Plan
- ✓ Attended the SC Partnering Conference and the Bicycle Accommodations Conference
- ✓ Completed the 4th Quarter milestone report for FTA Grant SC-90-X144
- ✓ Completed the FY 2008 Triennial Review
- ✓ Obtained access materials for the Executive Director to execute grant applications in the FTA Team Web software
- ✓ Submitted a request to the FTA to receive access materials for the CMCOG General Counsel to execute grant applications in the FTA Team Web software
- ✓ Continued inquiry to transfer FTA grants from CMCOG to CMRTA
- ✓ Attended the COG/MPO Workshop in Beaufort
- ✓ Continued to review and collect information regarding the economic stimulus
- ✓ Completed and received FTA approval of the updated COATS/CMCOG Title VI Plan
- ✓ Completed development of the 2008 Annual Listing of Obligated Projects

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2009-2010 CMCOG Rural Planning Work Program (RPWP) is based on the CMCOG 2025 Rural Long-Range Transportation Plan, which was updated and approved by the CMCOG Board on December 9, 2004. 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 CMCOG region. This 2009-2010 RPWP emphasizes activities that promote the implementation of the existing Plan.

Federal legislation such as the 1990 Clean Air Act Amendments and Americans with Disabilities Act significantly impacted 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, RPWP 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 data collection, a review of the functional classification system and Geographic Information Systems (GIS) activities.

3 — Long-Range Transportation Planning

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

4 — Rural Transportation Improvement Program (RTIP)

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

5 — Other Activities

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

6 — Budget Tables

2009-2010 RURAL PLANNING WORK PROGRAM OVERVIEW

The 2009-2010 Rural Planning Work Program (RPWP) is based on CMCOG 2025 Rural Long-Range Transportation Plan, approved by CMCOG Board on December 9, 2004. The goals for this program year are threefold:

Goal #1: To complete outstanding 2008-2009 RPWP tasks

Goal #2: To commence and complete new 2009-2010 RPWP tasks

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

Goal #1

In order to attain Goal #1, the following specific projects carried over from the 2008-2009 RPWP will be continued:

- Camden/Columbia Alternative Analysis
- 2035 Rural Long Range Transportation Plan
- Batesburg-Leesville Transit Feasibility Study

Goal #2

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

- Sumter/Columbia Transit Feasibility Study
- Newberry/Columbia Alternative Analysis
- Human Service Coordination Plan-Closing the Gaps
- Regional Travel Demand Model-External Station Survey/TAZ Refinement

Goal #3

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

- | | |
|--|---|
| ➤ General Administration | ➤ Geographic information Systems |
| ➤ Professional Services | ➤ Rural Long-Range Transportation Plan |
| ➤ Public Participation | ➤ Rail, Truck and Transit Planning |
| ➤ RPWP Maintenance and Development | ➤ RTIP Development and Maintenance |
| ➤ Data Collection, Compilation and/or Analysis | ➤ Miscellaneous Activities & Special Technical Assistance |
| ➤ Transportation Project Implementation | |

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

*This page has been
intentionally left blank.*

RURAL PLANNING WORK PROGRAM

FY 2009-2010

1 — PROGRAM ADMINISTRATION and SUPPORT

1A — General Administration

1B — Professional Services

1C — Public Participation

1D — RPWP 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: CMCOG provides staff support to the CMCOG Board, Executive and Rural Planning Committee, in addition to other permanent and ad-hoc committees. The staff will implement the work task as contained in this RPWP. 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 CMCOG Board and Executive Committee, Rural Planning Committee, 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 CMCOG committees ➤ Prepare certification documentation, agreements, resolutions, memoranda of understanding (MOU's), etc.; ➤ Attend SCDOT, FHWA, and FTA, training sessions and other necessary workshops and meetings; ➤ Maintain agreements between local governmental agencies and CMCOG ➤ Provide funds for the purchase and maintenance of computer hardware and software to support the CMCOG planning program and related activities, including network maintenance; ➤ Continue CMCOG commitment to comply with Title VI of the Civil Rights Act of 1964 ➤ Continue CMCOG 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 CMCOG planning activity requirements.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: CMCOG	FHWA(PL) \$ 2,000.00
Participating Agencies: CMCOG, Other agencies as appropriate	LOCAL \$ 500.00
	TOTAL \$ 2,500.00

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 CMCOG.		
METHODOLOGY:		
<p>This task provides access to expert technical and professional services when required by staff in support of the various annual planning activities. Specifically, it allows CMCOG 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 Human Service Coordination – Closing the Gaps; ➤ Selected Sumer/Columbia Transit Feasibility Study Planning Activities; ➤ Selected Batesburg-Leesville/Columbia Transit Feasibility Study Planning Activities; ➤ Selected Regional 2035 Rural Long Range Transportation Planning Activities; ➤ Selected Transportation Planning Activities; and ➤ Other skills that may be necessary to support the RPWP 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:		
Technical and Professional services to the staff in support of the various planning activities outlined in the RPWP.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 2,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 500.00
	TOTAL	\$ 2,500.00

PROJECT NO:	1C	
PROJECT TITLE:	Public Participation	
OBJECTIVE:		
To enhance CMCOG transportation planning process with greater opportunities for public participation, input involvement, and exposure.		
METHODOLOGY:		
<p>This task generally provides for the dissemination of information to the public about the transportation planning program. It also covers receiving public comment and input on transportation planning activities through public information meetings both hosted and attended by CMCOG.</p> <p>Specifically, this task includes the development of strategies for improving the public’s access to the CMCOG Planning process, including all stages of the development of CMCOG Planning documents and studies.</p> <p>As part of the task, CMCOG 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; ➤ CMCOG 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>CMCOG will document the attendance and public comments received to evaluate the effectiveness of the current public involvement practices at all CMCOG functions.</p>		
END PRODUCT:		
Public participation opportunities/activities, including CMCOG newsletters, reports, press releases, maps, and slide presentations, web site maintenance, meetings, workshops, etc.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 2,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 500.00
	TOTAL	\$ 2,500.00

PROJECT NO:	1D	
PROJECT TITLE:	RPWP Maintenance and Development	
OBJECTIVE: Maintain the current Rural Planning Work Program (RPWP), and develop a subsequent work program.		
METHODOLOGY: This task includes all necessary work required to process amendments to the 2009-2010 RPWP. In addition, this task will allow for the development of the 2010-2011 RPWP during the 2009-2010 program year. The RPWP indicates local, state, and federal funding of the RPWP tasks and identifies the participating agencies for completing the work. The RPWP 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 RPWP will be published after approval by the CMCOG Board of Directors.		
END PRODUCT: Maintenance of and amendments to the 2009-2010 RPWP as necessary and appropriate and the development of the 2010-2011 RPWP.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 2,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 500.00
	TOTAL	\$ 2,500.00

RURAL PLANNING WORK PROGRAM

FY 2009-2010

2 — SHORT-RANGE TRANSPORTATION PLANNING

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

2B — Transportation Projects Implementation

2C — Geographic Information System (GIS)

PROJECT NO:	2A	
PROJECT TITLE:	Data Collection, Compilation, and/or Analysis	
OBJECTIVE:		
To collect, analyze and utilize various forms of data that assist in the everyday planning operation of the Central Midlands Council of Governments (CMCOG).		
METHODOLOGY:		
This RPWP task involves the following subcategories:		
<ul style="list-style-type: none"> ➤ Vehicle Data Collection: The collection of traffic count data and a travel time survey required in support of COATS planning activities. This will be done in accordance with the traffic count information provided by SCDOT. Additionally, this subcategory will include the ongoing effort of maintaining a central database of vehicle traffic counts for the MPO area. ➤ Multi-Family Rental and Condominium Survey: Over 36,000 apartments in this four county study are surveyed. This study determines vacancy rates, rents, planned construction, and includes non-subsidy and rent subsidized apartments, condominiums, planned unit developments, duplex and single floor row houses. ➤ Central Midlands Commercial Real Estate Survey: This region-wide survey covers over 18.1 million square feet of shopping center space; over 23.8 million square feet of office space in the central midlands 4 county region. The study determines vacancy rates, rents, and planned construction. ➤ Building Permits: This study tracks construction activity through building permits issued by local governments for residential and commercial structures. This information is used in population projections studies and growth analysis for the central midlands region. ➤ Population Projections: This study uses population projections developed by the US Census Bureau at the State level and County level projections developed by the Office of Research & Statistics. The Central Midlands staff analyzes population growth trends and further disseminates the data into Census Tracts. 		
END PRODUCT:		
The end products are Vehicle, Population, Multi-Family and Commercial Real Estate reports. This data is used in the various multi-modal studies and activities undertaken by CMCOG.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 5,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 1,250.00
	TOTAL	\$ 6,250.00

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"> ➤ Regional Motor Freight Transportation Plan ➤ Regional Congestion Management Plan ➤ Human Services Transportation Coordination Plan ➤ FTA Sections 5316 & 5317 Program Management Plan ➤ 2035 Rural Long Range Transportation Plan ➤ Commuter Rail Feasibility Study ➤ CMCOG TransCad Travel Demand Model ➤ Bicycle and Pedestrian Pathways Plan ➤ Sumter/Columbia Transit Feasibility Study ➤ Batesburg-Leesville/Columbia Transit Feasibility Study 											
END PRODUCT: Implementation of transportation planning projects.											
Project Sponsor/Participating Agencies:		Funding Sources:									
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 3,000.00</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;">\$ 750.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 3,750.00</td> </tr> </table>		FHWA(PL)	\$ 3,000.00	FTA (Section 5307 X-144)	\$ 0.00	LOCAL	\$ 750.00	TOTAL	\$ 3,750.00
FHWA(PL)	\$ 3,000.00										
FTA (Section 5307 X-144)	\$ 0.00										
LOCAL	\$ 750.00										
TOTAL	\$ 3,750.00										

PROJECT NO:	2C
PROJECT TITLE:	Geographic Information System (GIS)
OBJECTIVE: To manage the data and software requirements necessary for maintaining and using CMCOG GIS to support the CMCOG planning activities.	
METHODOLOGY: The CMCOG GIS department routinely utilizes GIS technology for transportation planning and analysis. These efforts include but are not limited to: GIS coordination with member governments; spatial database inventorying, management and administration; vehicle traffic count analysis; environmental screening; demographics and research; Environmental Justice/Title VI compliance; and travel demand modeling. Anticipated activities include: <ul style="list-style-type: none"> ➤ Continue coordination with member agencies to ensure that the most recent data is being used; ➤ Ongoing GIS database management and QA/QC of all data layers; ➤ Continue updates and QA/QC of data layers generated in house (e.g., population and employment forecasts, traffic counts, project lists, etc.); ➤ Continued GIS support for various RPWP planning efforts ➤ Cartography/Graphic support for visualization, public involvement, and scenario planning; ➤ Continued update and refinement of regional travel demand model and all associated input and output data sources; ➤ Travel Demand modeling as needed for various RPWP planning efforts; ➤ GIS data and Travel Demand Modeling coordination with consultants as required for various RPWP planning efforts. ➤ Update and maintenance of GIS hardware and software components and associated Information Technology infrastructure and support as needed. 	
END PRODUCT: Enhanced coordination between CMCOG and various federal, state, and local agencies to allow for up-to-date GIS data and files. Additionally, enhanced data sets that support CMCOG planning efforts and high quality cartographic products as required for various RPWP projects.	
Project Sponsor/Participating Agencies:	Funding Sources:
Sponsor: CMCOG	FHWA(PL) \$ 3,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL \$ 750.00
	TOTAL \$ 3,750.00

*This page has been
intentionally left blank.*

RURAL PLANNING WORK PROGRAM

FY 2009-2010

3 — LONG-RANGE TRANSPORTATION PLANNING

3A — Human Service Coordination-Closing the Gaps

3B — Rural Long-Range Transportation Plan

3C — Rail, Truck and Transit Planning

3D — Travel Demand Modeling – External Station Survey

PROJECT NO:	3A											
PROJECT TITLE:	Human Service Coordination-Closing the Gaps											
OBJECTIVE:	To develop an implementation plan that will enhance coordination in order to address the existing gaps in services that are currently been provided by the human service agencies.											
METHODOLOGY:	<p>The objective of this project is to build upon the existing Central Midlands Human Services Coordination Transportation Plan. One of the major objectives of the existing study is to address the current gaps in service in the CMCOG region. In order to accomplish this objective, CMCOG staff will use the administrative funding from Section 5316 & 5317 to conduct a four (4) phase process. Phase 1 will include identifying base year conditions in the study area and developing a survey instrument to assess those conditions. This phase will identify the agencies and services that are currently being provided and the clientele that is currently being served. Phase 2 will complete this assessment and analyze the results. These results should reflect the existing services being provided versus the un-served clientele. Phase 3 will identify strategies and recommendations to serve these un-served areas. These strategies and recommendations will include coordination activities between agencies. Phase 4 will implement these strategies and recommendations through the development of an implementation plan.</p>											
END PRODUCT:	A published implementation plan.											
Project Sponsor/Participating Agencies:	Funding Sources:											
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	<table border="0"> <tr> <td>FHWA(PL)</td> <td style="text-align: right;">\$ 10,000.00</td> </tr> <tr> <td>FTA (Section 5316-SCDOT)</td> <td style="text-align: right;">\$ 10,000.00</td> </tr> <tr> <td>FTA (Section 5317-SCDOT)</td> <td style="text-align: right;">\$ 10,000.00</td> </tr> <tr> <td>LOCAL</td> <td style="text-align: right;">\$ 2,500.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$ 32,500.00</td> </tr> </table>		FHWA(PL)	\$ 10,000.00	FTA (Section 5316-SCDOT)	\$ 10,000.00	FTA (Section 5317-SCDOT)	\$ 10,000.00	LOCAL	\$ 2,500.00	TOTAL	\$ 32,500.00
FHWA(PL)	\$ 10,000.00											
FTA (Section 5316-SCDOT)	\$ 10,000.00											
FTA (Section 5317-SCDOT)	\$ 10,000.00											
LOCAL	\$ 2,500.00											
TOTAL	\$ 32,500.00											

PROJECT NO:	3B	
PROJECT TITLE:	Rural Long Range Transportation Plan	
OBJECTIVE:	To continue work on the 2035 Rural Long-Range Transportation Plan (RLRTP) Update and begin the process of examining an approach for a full replacement RLRTP.	
METHODOLOGY:	<p>The Rural Long Range Transportation Plan is a long-range (20+year) strategy and capital improvement program developed to guide the effective investment of public funds in multi-modal transportation facilities. The plan is updated every 5 years, and may be amended as a result of changes in projected Federal, State and local funding, major improvement studies, Congestion Management Process plans, interchange justification studies, and environmental impact studies. The Plan provides the context from which the region's Rural Transportation Improvement Program (RTIP), a short-range capital improvement program for implementing highway, transit, and bikeway projects, is drawn.</p> <p>CMCOG is currently developing its 2035 RLRTP and will continue implementation of the 2025 RLRTP to evaluate and enhance the regional transportation system.</p>	
END PRODUCT:	Continued update of the individual elements of the Rural Long Range Transportation Plan	
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 20,000.00
Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 5,000.00
	TOTAL	\$ 25,000.00

PROJECT NO:	3C	
PROJECT TITLE:	Rail, Truck and Transit Planning	
OBJECTIVE:		
To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order effectively address rail, truck and transit transportation issues for moving people and freight, as appropriate.		
METHODOLOGY:		
<u>Camden/Columbia & Newberry/Columbia Alternative Analysis</u>		
An Alternatives Analysis study is a required planning step in the Federal Transit Administration's (FTA) process for pursuing New Starts grant program funding for major transit system expansions. These studies will examine all of the transit options available to determine a locally preferred alternative for the Camden to Columbia & Newberry to Columbia Corridors.		
Conducting an Alternatives Analysis study is a critical step in taking a transit project from concept to reality. Investing in this planning process will put CMCOG in position to compete for New Starts funding.		
<u>Commuter Rail Feasibility Assessment</u>		
CMCOG will assess the feasibility of establishing a commuter rail route to Sumter through the following steps:		
<ul style="list-style-type: none"> ❖ Review current and projected populations for Sumter and Columbia ❖ Analyzing freight movement along this corridor ❖ Investigate funding options and opportunities ❖ Investigate interest and support in establishing this connection 		
<u>Batesburg-Leesville/Columbia Transit Feasibility Study</u>		
In coordination and cooperation with the Town of Batesburg-Leesville, the South Carolina Department of Transportation, and South Carolina Department of Health and Environmental Control, CMCOG will perform a transit feasibility study for the Batesburg-Leesville area. The purpose of this study is to determine the potential for a transit system and to help the gauge the short and long-term benefits and demands for a region-wide transit system.		
<u>Sumter-Columbia Transit Feasibility Study</u>		
In coordination and cooperation with the Sumter Urbanized Area Transportation Study Metropolitan Planning Organization, the South Carolina Department of Transportation, Santee-Wateree Regional Transit Authority, and Santee-Lynches Council of Governments, CMCOG will perform a transit feasibility study along the US 378 connection between the City of Sumter and the City of Columbia. The purpose of this study is to examine all of the transit options available to determine a locally preferred alternative for the US 378 Corridor.		
END PRODUCT:		
A Transit Development Plan for the Town of Batesburg-Leesville. Completion of Phase I of III in pursuit of federal funding for commuter rail service. An assessment of high capacity transit options between Sumter to Columbia. And the continued implementation of the Commuter Rail Plan.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: COATS	FHWA(PL)	\$ 5,000.00
	FTA (Section 5339)	\$ 597,000.00
	FTA (Section 5307 X-144)	\$ 87,500.00
Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 172,375.00
	TOTAL	\$ 861,875.00

PROJECT NO:	3D	
PROJECT TITLE:	Regional Travel Demand Modeling	
OBJECTIVE:		
To continue the efforts of updating the current Transcad Travel Demand Modeling to match the same sophistication of the urban Transcad Travel Demand Model.		
METHODOLOGY:		
<p><u>Travel Demand Modeling</u></p> <p>Travel forecasting models are used to predict changes in travel patterns and the utilization of the transportation system in response to changes in regional development, demographics, and transportation supply. Modeling travel demand is a challenging task, but one that is required for rational planning and evaluation of transportation systems. CMCOG is currently developing its 2035 RL RTP and will continue implementation of the 2025 RL RTP to evaluate and enhance the regional transportation system.</p> <p><u>External Station Survey/TAZ Refinement</u></p> <p>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</p> <p>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 Departments of Transportation, law enforcement and other agencies to identify survey site locations and develop a public awareness plan.</p> <p>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.</p>		
END PRODUCT:		
An External Station Survey and refined TAZs that will be used to enhance the CMCOG/COATS 2035 TransCad Travel Demand Model.		
Project Sponsor/Participating Agencies:	Funding Sources:	
Sponsor: CMCOG	FHWA(PL)	\$ 10,000.00
Participating Agencies: CMCOG, COATS, CMCOG Member Governments, Other agencies as appropriate	LOCAL	\$ 2,500.00
	TOTAL	\$ 12,500.00

RURAL PLANNING WORK PROGRAM

FY 2009-2010

4 — RURAL TRANSPORTATION IMPROVEMENT PROGRAM

4A — RTIP Development and Maintenance

PROJECT NO:	4A	
PROJECT TITLE:	RTIP Development and Maintenance	
OBJECTIVE:		
<p>Maintain and update the Rural Transportation Improvement Plan (RTIP). Activities for this project will also ensure that the RTIP is in compliance with all federal and state requirements.</p>		
METHODOLOGY:		
<p>This task includes all necessary work required to process amendments to the 2007-2012 RTIP.</p> <p>In addition, this task will allow for the continuous maintenance and development of the 2009-2015 RTIP during the 2009-2010 program year.</p> <p>The RTIP indicates local, state, and federal funding of the RTIP projects and identifies the participating agencies for completing the work. The RTIP was developed according to measures deemed necessary to ensure a “3C” planning process; this is one that is continuing, cooperative, and comprehensive. Copies of the RTIP will be published after approval by the CMCOG Board of Directors.</p> <p>CMCOG will coordinate with the SCDOT Planning Office and Program Development to produce the Annual Listing of Obligated Projects that will be included in the RTIP.</p>		
END PRODUCT:		
<p>A Rural Transportation Improvement Program that is maintained, kept up to date, and in compliance with all federal and state requirements.</p>		
Project Sponsor/Participating Agencies:	Funding Sources:	
<p>Sponsor: CMCOG</p> <p>Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate</p>	FHWA(PL)	\$ 10,000.00
	LOCAL	\$ 2,500.00
	TOTAL	\$ 12,500.00

*This page has been
intentionally left blank.*

RURAL PLANNING WORK PROGRAM

FY 2009-2010

5 — OTHER ACTIVITIES

5A — Miscellaneous Activities and Special Technical Assistance

PROJECT NO:	5A	
PROJECT TITLE:	Miscellaneous Activities and Special Technical Assistance	
OBJECTIVE:		
<p>This task covers miscellaneous projects that are assigned from time to time, both short-term and infrequent long-term projects that do not warrant individual RPWP 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 CMCOG participation, and therefore do not warrant a separate RPWP 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 CMCOG to provide technical assistance to member governments and other agencies/organizations which was not foreseen or known during the preparation of the annual RPWP.</p> <p>As this is an annual program, the funding identified in the 2009-2010 RPWP is subject to change. Since there may be new required initiatives for the COG to undertake, it is the intention of CMCOG to amend this document as needed and allocate funding to a specific project(s) as allowable.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ➤ Updating the CMCOG DBE Plan ➤ Member Government Comprehensive Assessments ➤ Participation and implementation of TIGER and TIGGER Economic Stimulus Grants 		
END PRODUCT:		
<p>Various activities, technical assistance, research, analysis, published documents, memoranda, brief reports, etc., as appropriate.</p>		
Project Sponsor/Participating Agencies:	Funding Sources:	
<p>Sponsor: CMCOG</p> <p>Participating Agencies: CMCOG, CMCOG Member Governments, Other agencies as appropriate</p>	FHWA(PL)	\$ 1,000.00
	LOCAL	\$ 250.00
	TOTAL	\$ 1,250.00

*This page has been
intentionally left blank.*

RURAL PLANNING WORK PROGRAM

FY 2009-2010

6 — BUDGET TABLES

TABLE 1 – SUMMARY BUDGET

TABLE 2 – SUMMARY BUDGET – FEDERAL ONLY

TABLE 3 – SAFETEA-LU TASK MATRIX

2009-2010 RPWP TABLE 1 - SUMMARY BUDGET

TASK			FUNDING SOURCES									
ID	SUB-ID	Category	FHWA-PL	CMCOG Match for FHWA-PL	**SCDOT FTA 5316	**SCDOT FTA 5317	*FTA 5339	CMCOG Match for FTA 5339	FTA 5307 (X-144)	CMCOG Match for FTA X-144	CMCOG Total Match	Total
1		Program Administration and Support										
1A		General Administration	\$ 2,000.00	\$ 500.00							\$ 500.00	\$ 2,500.00
1B		Professional Services	\$ 2,000.00	\$ 500.00							\$ 500.00	\$ 2,500.00
1C		Public Participation	\$ 2,000.00	\$ 500.00							\$ 500.00	\$ 2,500.00
1D		RPWP Maintenance and Development	\$ 2,000.00	\$ 500.00							\$ 500.00	\$ 2,500.00
Total			\$ 8,000.00	\$ 2,000.00	\$ -			\$ -	\$ -	\$ -	\$ 2,000.00	\$ 10,000.00
2		Short-Range Transportation Planning										
2A		Data Collection, Compilation, and/or Analysis	\$ 5,000.00	\$ 1,250.00							\$ 1,250.00	\$ 6,250.00
2B		Transportation Planning Projects Implementation	\$ 3,000.00	\$ 750.00							\$ 750.00	\$ 3,750.00
2C		Geographic Information System (GIS)	\$ 3,000.00	\$ 750.00							\$ 750.00	\$ 3,750.00
Total			\$ 11,000.00	\$ 2,750.00	\$ -			\$ -	\$ -	\$ -	\$ 2,750.00	\$ 13,750.00
3		Long-Range Transportation Planning										
3A		Human Service Coordination Plan-Closing the Gaps	\$ 10,000.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00					\$ 2,500.00	\$ 32,500.00
3B		Rural Long-Range Transportation Plan	\$ 20,000.00	\$ 5,000.00							\$ 5,000.00	\$ 25,000.00
3C		Rail, Truck and Transit Planning	\$ 2,000.00	\$ 500.00							\$ 500.00	\$ 2,500.00
	3C-1	Camden/Columbia Alternative Analysis	\$ -	\$ -			\$ 297,000.00	\$ 74,250.00			\$ 74,250.00	\$ 371,250.00
	3C-2	Commuter Rail Feasibility Study	\$ 3,000.00	\$ 750.00					\$ -	\$ -	\$ 750.00	\$ 3,750.00
	3C-3	Batesburg-Leesville/Columbia Transit Feasibility Study	\$ -	\$ -					\$ 87,500.00	\$ 21,875.00	\$ 21,875.00	\$ 109,375.00
	3C-4	Sumter/Columbia Transit Feasibility Study	\$ -	\$ -			\$ 100,000.00	\$ 25,000.00			\$ 25,000.00	\$ 125,000.00
	3C-5	Newberry/Columbia Transit Alternative Analysis	\$ -	\$ -			\$ 200,000.00	\$ 50,000.00			\$ 50,000.00	\$ 250,000.00
3D		Travel Demand Modeling	\$ 5,000.00	\$ 1,250.00							\$ 1,250.00	\$ 6,250.00
	3D-1	External Station Survey/TAZ Refinement	\$ 5,000.00	\$ 1,250.00					\$ -	\$ -	\$ 1,250.00	\$ 6,250.00
Total			\$ 45,000.00	\$ 11,250.00	\$ 10,000.00	\$ 10,000.00	\$ 597,000.00	\$ 149,250.00	\$ 87,500.00	\$ 21,875.00	\$ 182,375.00	\$ 931,875.00
4		Rural Transportation Improvement Program (RTIP)										
4A		RTIP Development and Maintenance	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
Total			\$ 10,000.00	\$ 2,500.00	\$ -			\$ -	\$ -	\$ -	\$ 2,500.00	\$ 12,500.00
5		Other Activities										
5A		Miscellaneous Activities and Special Technical Assistance	\$ 1,000.00	\$ 250.00							\$ 250.00	\$ 1,250.00
			\$ -	\$ -				\$ -	\$ -	\$ -	\$ -	\$ -
Total			\$ 1,000.00	\$ 250.00	\$ -			\$ -	\$ -	\$ -	\$ 250.00	\$ 1,250.00
Grand Total			\$ 75,000.00	\$ 18,750.00	\$ 10,000.00	\$ 10,000.00	\$ 597,000.00	\$ 149,250.00	\$ 87,500.00	\$ 21,875.00	\$ 189,875.00	\$ 969,375.00

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

**SCDOT 5316 & 5317 do not require a local match. These funds are 100% federal.

2009 - 2010 RPWP TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS										
TASK			BUDGET							
ID	SUB-ID	Category	FHWA-PL	**SCDOT FTA 5316	**SCDOT FTA 5317	*FTA 5339	FTA 5307 (X-144)	TOTAL FEDERAL	Total Local Match	Total
1		Program Administration and Support								
1A		General Administration	\$ 2,000.00					\$ 2,000.00	\$ 500.00	\$ 2,500.00
1B		Professional Services	\$ 2,000.00					\$ 2,000.00	\$ 500.00	\$ 2,500.00
1C		Public Participation	\$ 2,000.00					\$ 2,000.00	\$ 500.00	\$ 2,500.00
1D		RPWP Maintenance and Development	\$ 2,000.00					\$ 2,000.00	\$ 500.00	\$ 2,500.00
Total			\$ 8,000.00		\$ -		\$ -	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00
2		Short-Range Transportation Planning								
2A		Data Collection, Compilation, and/or Analysis	\$ 5,000.00					\$ 5,000.00	\$ 1,250.00	\$ 6,250.00
2B		Transportation Projects Implementation	\$ 3,000.00					\$ 3,000.00	\$ 750.00	\$ 3,750.00
2C		Geographic Information System (GIS)	\$ 3,000.00					\$ 3,000.00	\$ 750.00	\$ 3,750.00
Total			\$ 11,000.00		\$ -		\$ -	\$ 11,000.00	\$ 2,750.00	\$ 13,750.00
3		Long-Range Transportation Planning								
3A		Human Service Coordination Plan-Closing the Gaps	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00			\$ 30,000.00	\$ 2,500.00	\$ 32,500.00
3B		Rural Long-Range Transportation Plan	\$ 20,000.00					\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
3C		Rail, Truck and Transit Planning	\$ 2,000.00					\$ 2,000.00	\$ 500.00	\$ 2,500.00
	3C-1	Camden/Columbia Alternative Analysis	\$ -			\$ 297,000.00		\$ 297,000.00	\$ 74,250.00	\$ 371,250.00
	3C-2	Commuter Rail Feasibility Study	\$ 3,000.00			\$ -	\$ -	\$ 3,000.00	\$ 750.00	\$ 3,750.00
	3C-3	Batesburg-Leesville/Columbia Transit Feasibility Study	\$ -				\$ 87,500.00	\$ 87,500.00	\$ 21,875.00	\$ 109,375.00
	3C-4	Sumter/Columbia Transit Feasibility Study	\$ -			\$ 100,000.00	\$ -	\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
	3C-5	Newberry/Columbia Transit Alternative Analysis	\$ -			\$ 200,000.00		\$ 200,000.00	\$ 50,000.00	\$ 250,000.00
3D		Travel Demand Modeling	\$ 5,000.00					\$ 5,000.00	\$ 1,250.00	\$ 6,250.00
	3D-1	External Station Survey/TAZ Refinement	\$ 5,000.00				\$ -	\$ 5,000.00	\$ 1,250.00	\$ 6,250.00
Total			\$ 45,000.00	\$ 10,000.00	\$ 10,000.00	\$ 597,000.00	\$ 87,500.00	\$ 749,500.00	\$ 182,375.00	\$ 931,875.00
4		Transportation Improvement Program (TIP)								
4A		TIP Development and Maintenance	\$ 10,000.00					\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
Total			\$ 10,000.00		\$ -		\$ -	\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
5		Other Activities						\$ -		
5A		Miscellaneous Activities and Special Technical Assistance	\$ 1,000.00					\$ 1,000.00	\$ 250.00	\$ 1,250.00
							\$ -	\$ -	\$ -	\$ -
Total			\$ 1,000.00		\$ -		\$ -	\$ 1,000.00	\$ 250.00	\$ 1,250.00
								\$ -		
Grand Total			\$ 75,000.00	\$ 10,000.00	\$ 10,000.00	\$ 597,000.00	\$ 87,500.00	\$ 779,500.00	\$ 189,875.00	\$ 969,375.00

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

**SCDOT 5316 & 5317 do not require a local match. These funds are 100% federal.

2009 - 2010 RPWP TABLE 3 - SAFETEA-LU TASK MATRIX

SAFE, ACCOUNTABLE, FLEXIBLE, EFFICIENT - A LEGACY FOR USERS PLANNING FACTORS												
ID	SUB-ID	Category	Economic Vitality	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		RPWP Maintenance and Development	X	X	X	X	X	X	X	X	Jun-10	PL Quarterly Report
2		Short-Range Transportation Planning										
2A		Data Collection, Compilation, and/or Analysis	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
2B		Transportation Projects Implementation	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
2C		Geographic Information System (GIS)	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
3		Long-Range Transportation Planning										
3A		Human Service Coordination Plan-Closing the Gaps		X	X	X		X	X	X	Jun-10	PL Quarterly Report
3B		Rural Long-Range Transportation Plan	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
3C		Rail, Truck and Transit Planning	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3C-1	Camden/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
	3C-2	Commuter Rail Feasibility Study	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3C-3	Batesburg-Leesville/Columbia Transit Feasibility Study	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
	3C-4	Sumter/Columbia Transit Feasibility Study	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
	3C-5	Newberry/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	Jun-10	Technical Memos
3D		Travel Demand Modeling	X	X	X	X	X	X	X	X	Continuous	PL Quarterly Report
	3D-1	External Station Survey/TAZ Refinement	X	X	X	X	X	X	X	X	Jun-10	PL Quarterly Report
4		Rural Transportation Improvement Program (RTIP)										
4A		RTIP 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 RPWP 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. CMOG submits quarterly reports to SCDOT summarizing the progress of the various tasks that have been identified in the RPWP. These quarterly reports can be used by CMOG and SCDOT to track the progress of each task and the overall performance of the RPWP.

FY 2010 RPWP

APPROVED RPWP AMENDMENTS

FOR TRANSPORTATION PLANNING

IN THE

CENTRAL MIDLANDS REGION

**Approved by the Board of Directors of the
Central Midlands Council of Governments**

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

