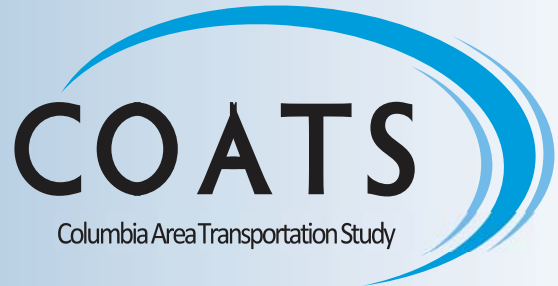


Unified Planning Work Program



FY 2024 & 2025

Prepared by the
Central Midlands Council of Governments
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Adopted on April 27, 2023

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.



ADOPTION OF THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS (CMCOG) STATE FISCAL YEAR (SFY) 2024 & 2025 UNIFIED PLANNING WORK PROGRAM (UPWP)

WHEREAS, the Central Midlands Council of Governments has been designated by the Governor of the State of South Carolina as the Metropolitan Planning Organization responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the census designated urbanized areas and the proposed urbanized areas of Richland, Lexington, Kershaw, Calhoun, Fairfield, and Newberry Counties; and,

WHEREAS, the federal surface transportation programs that are the responsibility of the Central Midlands Council of Governments are authorized by the Infrastructure Investment and Jobs Act, Pub. L. 117-58 (Nov. 15, 2021); and,

WHEREAS, Section 11201 of the Infrastructure Investment and Jobs Act establishes requirements for metropolitan transportation planning in 23 U.S.C. 134, and provides for the apportionment of metropolitan planning funds in 23 U.S.C. 104; and,

WHEREAS, the 2024 & 2025 UPWP is developed in accordance with federal and state requirements and guidelines, helps consolidate and coordinate the transportation planning activities conducted by member governments of the Central Midlands Council of Governments, by providing a mutually-agreed upon document which identifies all transportation and transportation-related planning activities to be undertaken by Columbia Area Transportation Study MPO from July 1, 2023 to June 30, 2025, regardless of funding sources; and,

WHEREAS, the Central Midlands Council of Governments held a 30-day public comment period for the 2024 & 2025 UPWP; and,

NOW THEREFORE BE IT RESOLVED that the attached 2024 & 2025 UPWP is hereby approved by the Central Midlands Council of Governments; and,

BE IT FURTHER RESOLVED that the Central Midlands Council of Governments approves the consolidated funding apportionment of the 2024 & 2025 FHWA PL Program and the FTA Section 5303 Program and other associated federal, state and local funds.

CERTIFICATE the undersigned is the duly qualified Executive Director of Central Midlands Council of Governments, and hereby certify that the foregoing is a true and correct copy of a resolution adopted at a meeting of the Central Midlands Council of Governments held on April 27, 2023.

Foster Senn, Chairperson
Central Midlands Council of Governments

Rebecca Vance, Interim Executive Director
Central Midlands Council of Governments

Witness

Witness

2024 & 2025

UNIFIED PLANNING WORK PROGRAM

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

April 27, 2023

Please note that adoption of this document requires no further actions or approvals to execute, contract, and/or implement the identified activities unless specified by a State or Federal Agency.

"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.

**COLUMBIA AREA TRANSPORTATION STUDY
2024 & 2025 UNIFIED PLANNING WORK PROGRAM**

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COATS

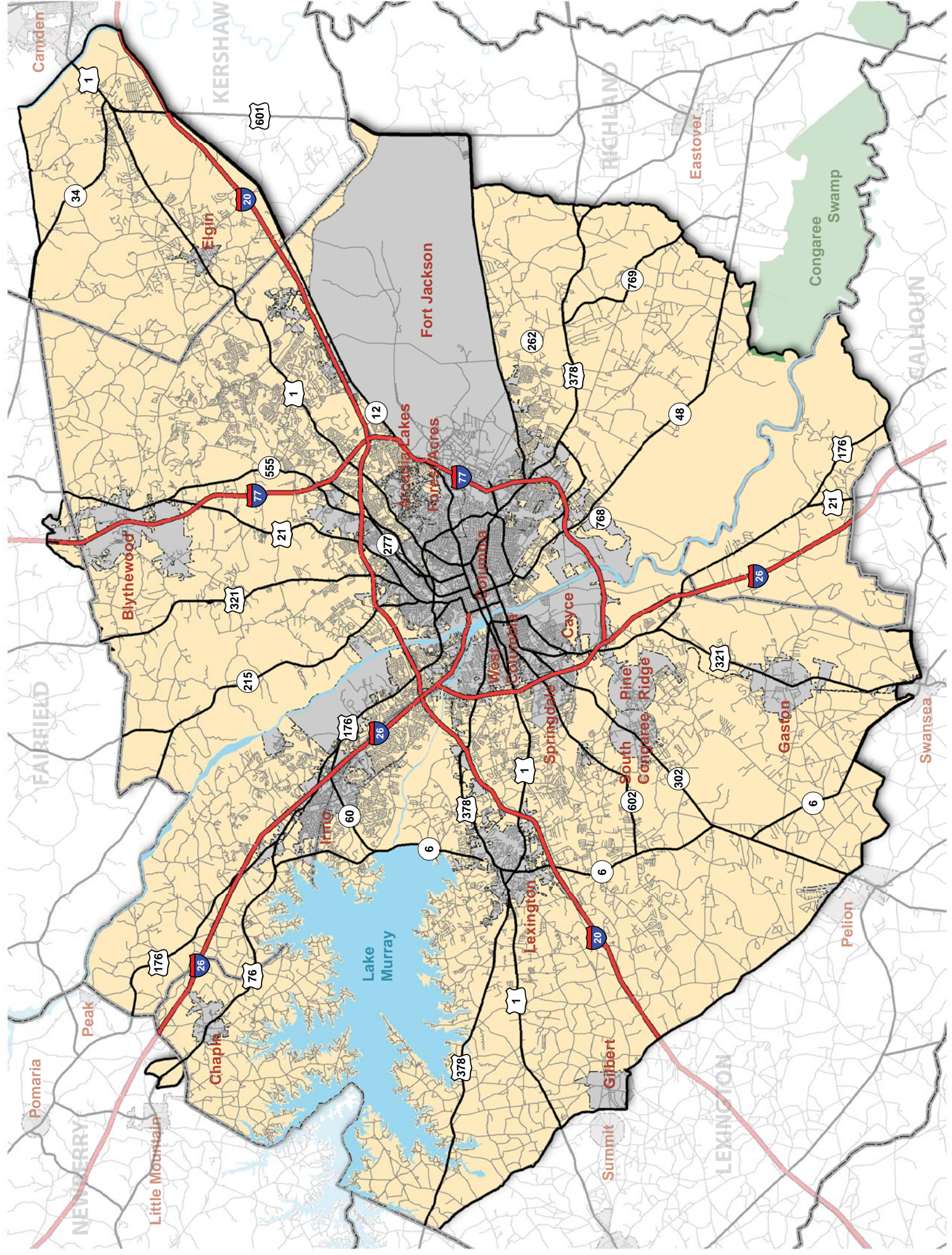
Columbia Area Transportation Study

-  2010 COATS MPO Boundary
-  Municipal Boundary
-  County Boundary



Central Midlands Council of Government disclaims responsibility for damage or liability associated with the use of this information. All reasonable efforts have been made to ensure accuracy.

CENTRAL MIDLANDS
Council of Governments



COLUMBIA AREA TRANSPORTATION STUDY

METROPOLITAN PLANNING ORGANIZATION

2024 & 2025 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 years 2024 & 2025. 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 2045 Long-Range Transportation Plan, which was adopted in December 2021. 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 2045 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 2024 & 2025 Work Program is intended to be consistent with the metropolitan planning requirements of the Federal Legislation: Infrastructure Investment and Jobs Act of 2021 (IIJA), Public Law No. 117-58, November 15, 2021, 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 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.

Funding for the UPWP is provided through federal, state, and local resources. The primary source is the consolidated FHWA/FTA planning grant that is provided through the South Carolina Department of Transportation. FHWA PL funds and FTA Section 5303 Mass Transit funds have been consolidated to streamline the administrative requirements and reinforce a multimodal planning process.

COATS ORGANIZATION

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

Policy Committee

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

Transportation Subcommittee

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

Technical Committee

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

Executive Committee

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

Additional Committees

An important element in the operation of the Policy Committee is the effective utilization of both formal and ad-hoc advisory committees to review and evaluate detailed transportation issues and results of planning activities. The committee(s) function principally is to make recommendations to the Policy Committee on subjects directed to them by the Policy Committee which require extensive evaluation, 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 semi-annually.

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 2045 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.

MPO PLANNING AREA CHANGES DUE TO THE 2020 US CENSUS

On Thursday, December 29, 2022, the US Census Bureau released their new 2020 Urbanized Areas. The release of these new urbanized areas denoted that per federal requirements, Metropolitan Planning Organizations (MPOs) such as the Columbia Area Transportation Study (COATS) will have to adjust their metropolitan planning area boundary to encompass the contiguous census designated urbanized area and the area projected to be urbanized over the next 20 years. Federal requirements also denoted that the COATS MPO may consider adjusting its Policy Committee composition to ensure that adequate representation for all necessary jurisdictions has been addressed.

The 2020 US Census produced a new census designated urbanized area that receded the existing COATS MPO Boundary in three (3) locations. The nearby municipalities in these reduced areas were the Town of Chapin in Lexington and Newberry Counties, Town of Swansea in Lexington County, and the Lugoff/Elgin Area in Kershaw County. Please be advised that the Lugoff/Elgin area was designated by the Census Bureau as an urban cluster and was not included as part of the census designated urbanized area for Columbia. The census designated urbanized area in Kershaw County stops at the Town of Elgin.

The Census Bureau adopted a housing unit density threshold of 385 housing units per square mile as the primary criterion for determining whether a census block qualifies for inclusion in an urban area, replacing the use of population density. The 385 housing units (occupied or vacant) per square mile density threshold utilized in the delineation of urban areas is consistent with the 1,000 persons per square mile density used in the past, based on the 2019 American Community Survey (ACS) 1-year data average of an estimated 2.6 persons per household for the United States. Housing unit density provides a more direct measure of the densely developed landscape than population density. The use of housing unit density will allow the Census Bureau to more accurately account for areas with substantial concentrations of housing that are considered part of the urban landscape but have smaller than average persons per housing unit or seasonal populations or both. This change also will provide the ability to update the extent of urban areas between censuses, based on housing unit information in the Census Bureau's Master Address File.

The Census Bureau proposes to no longer include within an urban area the low-density territory intervening between the main body of the urban area and the outlying qualifying territory that is the destination of a hop or a jump or exempted territory that has been separated from the urban area core by water or wetlands. This will result in noncontiguous urban areas. Review of 2010 Census urban areas indicates that, due to their often irregular and relatively large geographic extent, including the corridor blocks sometimes resulted in the inclusion of population, housing, and territory that is otherwise of a rural nature and contains land uses that are not consistent with those found in the densely developed blocks on either end of the hop or jump corridor. We note that the 1950 Census criteria for defining urbanized areas, while permitting jumps of up to 1.5 miles across low density intervening territory, did not call for inclusion of the low density jump corridor in the urban area. This change in criteria will result in a more accurate depiction of the patterns of urban development.

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.

Kershaw County 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.
- III. Transportation goals were identified for the Columbia Metropolitan Area in the COATS 2045 Long-Range Transportation Plan adopted in December 2021 including: mobility, safety, environment, and facilities. Detailed objectives and action recommendations were also identified in regard to each of the goal areas.
- IV. Recognition of requirements established by the Federal Highway Administration (FHWA) regarding the national transportation planning priorities included in the IIJA, FAST Act and National Highway System legislation.

INFRASTRUCTURE INVESTMENT AND JOBS ACT PLANNING FACTORS

The Metropolitan Planning Program under SAFETEA-LU provided funding for the integration of transportation planning processes in the Metropolitan Planning Organizations (MPOs) into a unified metropolitan transportation planning process, culminating in the preparation of a multimodal transportation plan for the MPO. Title 23 of the United States Code, section 134(f) (revised in SAFETEA-LU section 6001(h)) describes Federal Planning Factors issued by Congress to emphasize planning factors from a national perspective. Under IJA these planning factors have expanded. The planning factors (for both metro and statewide planning) are as follows:

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 of people and for freight.
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
6. Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.
9. Improve the resilience and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
10. Enhance travel and tourism.
11. The Metropolitan Planning Process shall provide for consideration of projects and strategies that promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns. (23 USC 134(h)(1)(E))

2022 & 2023 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 twenty Policy Committee meetings, fourteen Transportation Subcommittee, and ten Technical Committee meetings, over the course of the program years 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 Public Transportation Association (APTA), 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 the 2020-2027 Transportation Improvement Program (TIP) processes, Congestion Management Plan, and the 2045 Long-Range Transportation Plan (LRTP) as appropriate;
- ✓ Held public meetings in an effort to identify the issues for the transportation planning projects and studies
- ✓ Updated and expanded the website for the COATS MPO;
- ✓ Maintained and expanded the CMCOG web site;
- ✓ Held public meetings to receive comments on the Bikeshare Expansion Feasibility Study
- ✓ Held public meetings to receive comments on the Short Range Transit Plan, Origin to Destination Study, and Comprehensive Operational Analysis
- ✓ Held public meetings to receive comments on the Regional Long Range Transportation Plan, Regional Travel Demand Model, and Regional Congestion Management Plan

- ✓ Held open comment period on amendments and updates to the Unified Planning Work Program.
- ✓ Participated in public meeting for road and interstate improvement projects funded by SCDOT
- ✓ Worked with various municipalities and the media throughout 2022 & 2023 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.

2024 & 2025 UPWP Development

This task involved the creation and dissemination of the 2024 & 2025 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 and resulted in moderate response. As recommended in the latest SCDOT letter of February 2023, COATS is preparing an biannual UPWP, covering the period of July 1, 2024 through June 30, 2025. The Final Draft 2024 & 2025 UPWP was presented to the Transportation Subcommittee and Policy Committee on April 13th and April 27, 2023 respectively, for final approvals and adoption. The SCDOT letter dated in February 2023 addresses funding for fiscal year 2024. SCDOT will provide a new letter in February 2024 to address the funding for fiscal year 2025.

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 items have been completed:

❖ 2021 July - 2022 June Building Permit Report

- ✓ Collected geo-location and spatial analysis of building permit activity for 2021-2022
- ✓ Finalized 2021 building permit data QAQC and issued 2021 Building Permit Report
- ✓ Continued QAQC of 2022 annual building permit data and analysis for final report
- ✓ Completed monthly collection of 2022 Q2 and Q3 building permit data issued by local governments
- ✓ Completed analyzing 2022 building permit data for 2022 annual building permit report
- ✓ Worked on 2022 building permit report
- ✓ Finalized 2022 building permit dataset and summary report
- ✓ Completed monthly collection of 2023 Q1 building permit data issued by local governments.

❖ **Building Permit Report**

- ✓ Continued monthly collection of building permit data issued by local governments
- ✓ Continued geo-location and spatial analysis of building permit activity
- ✓ Continued QAQC of 2020 annual building permit data and analysis for final report
- ✓ Finished 2020 annual building permit data and analysis for report
- ✓ Began preparing 2021 annual building permit data and analysis for report
- ✓ Continued 2021 annual building permit data and analysis for report
- ✓ Continued QAQC of 2021 annual building permit data and analysis for final report

❖ **Multi-Family Rental and Condominium Survey**

- ✓ Continued tracking locations and descriptive information about new and proposed multi-family housing developments.

❖ **Columbia Commercial Real Estate**

- ✓ Continued tracking locations and descriptive information about new and proposed commercial real estate developments.

❖ **Midlands Industrial / Employment Database**

- ✓ Continued data collection and QAQC of 2020 employment data
- ✓ Continued data collection and QAQC of 2021 employment data
- ✓ Continued geolocation and spatial analysis of employment data
- ✓ Continued collecting regional economic indicator data

❖ **Regional Development Report**

- ✓ Continued collecting and analyzing data for regional development report
- ✓ Finished annual regional development and economic indicator report

❖ **Regional Population Projections**

- ✓ Continued using and analyzing regional population projection data
- ✓ Communicated population and growth data with local governments and other regional stakeholders
- ✓ Reviewed and analyzed growth data between 2010 and 2020 census
- ✓ Reviewed and analyzed county level population projections produced by the SC Department of Revenue and Fiscal Affairs

❖ **ACCRA**

- ✓ Continued quarterly cost of living index survey for the Columbia, SC MSA
- ✓ Prepared ACCRA Cola summary for regional development report

❖ **Census/American Community Survey**

- ✓ Continued updating GIS databases with the 2019 5 Year ACS estimates.
- ✓ Updated GIS databases with the 2020 5 Year ACS estimates
- ✓ Continued analyzing ACS data trends
- ✓ Began reviewing and analyzing 2020 Decennial Census population data from redistricting release
- ✓ Finished updating GIS databases with the 2019 5 Year ACS estimates.
- ✓ Began updating GIS databases with 2020 2020 Decennial Census population data from redistricting release
- ✓ Continued updating GIS databases with 2020 2020 Decennial Census population data from redistricting release

Geographic Information Systems (GIS)

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

- ✓ Continued coordination with member agencies to ensure that the most recent data is being used
- ✓ Continued file maintenance of COATS GIS data layers
- ✓ Created LMI and Transit Coordination Maps
- ✓ Provided maps that support CMRTA activities
- ✓ Continued updates of GIS data (i.e. population data, employment data, aerial photography, building permits), maintenance, and the necessary adjustments as required in support of various UPWP planning efforts that will utilize GIS data.
- ✓ Continued cartography/graphic support for visualization and public involvement
- ✓ Continued to enhance employment GIS layers for various transportation projects.
- ✓ Updated and analyzed CMRTA Bus Routes
- ✓ Analyzed New Census Data
- ✓ Analyzed New American Community Survey Data

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:

- ✓ Administered and conducted Clean Air Midlands meetings, our regional air quality coalition. This included coordinating presenters, creating the agenda, and communicating with group members.
- ✓ Communicated with the City of Columbia Public Works Sustainability Facilitator.
- ✓ Attended Soda City Farmer's Market on Earth Day, providing support to the DHEC Air Quality Bureau, promoting Clean Air Midlands, and advocating air quality protection.

Annual Listing of Obligated Projects

The annual listing of obligated projects is a record of the projects receiving federal transportation funds in the previous fiscal year. This listing is updated annually and is intended to increase awareness of federal spending on transportation projects in the COATS MPO's planning area. The major accomplishments include:

- ✓ This project is over 100% complete.
- ✓ Staff has received documentation from SCDOT.
- ✓ Staff has reviewed and processed the information.
- ✓ Staff began development of a draft plan.
- ✓ Conducted internal review of the draft plan.
- ✓ Completed interval review and developed a final plan.

Travel Demand Model

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

- ✓ Completed validation of highway assignment (test runs with revised distribution, documentation/maps of bridge issues, research and testing approach of adding delays to bridges)
- ✓ Completed draft model development documentation.
- ✓ Began model development report and users guide.
- ✓ Revised 2018 base year model.
- ✓ Prepared draft model development documentation.
- ✓ Forwarded to CMCOG the COATS 2045 E+C forecasts.
- ✓ Began development of User's Guide.
- ✓ Completed initial pass of 2045 E+C model and sent to CMCOG staff.
- ✓ Began coding of future year projects as part of LRTP model run. Conducted test runs and sent files to subconsultant for use in project prioritization.
- ✓ Completed data collection and assessment required for developing prioritization decision criteria.
- ✓ Completed User's Guide.

Bike Share Expansion Feasibility Study

This project consists of assessing the feasibility of expanding the existing Bike Share Program in the City of Columbia and to begin a bike share program in the communities of Cayce, West Columbia, and Springdale. The major accomplishments include:

- ✓ Began discussion on project development
- ✓ Ensured project was in the UPWP
- ✓ Began development of the project solicitation
- ✓ Began development of the RFP
- ✓ Continued discussion on project development
- ✓ Completed development of the RFP
- ✓ Received approval to advertise the RFP
- ✓ Received proposals for review
- ✓ Discussed procurement options with SCDOT
- ✓ Re-advertised the RFP due to the limited number of proposals
- ✓ Received approval from SCDOT to begin negotiations with the selected consultant
- ✓ Continued negotiations with the selected consultant
- ✓ Completed contract development
- ✓ Requested the financial agreement from SCDOT
- ✓ Shared COATS MPO Contract with SCDOT for review and approval
- ✓ Completed contract negotiations with the selected consultant
- ✓ Received the notice to proceed from SCDOT to execute a contract
- ✓ Executed a financial agreement with SCDOT
- ✓ Executed a contract and issue the NTP with the selected consultant
- ✓ Project management and oversight completed
- ✓ The consultant made initial call and introductions with CMCOG
- ✓ Prepared and facilitated kickoff meeting on September 21, 2022.
- ✓ Prepared and facilitated first biweekly meeting on September 28th, 2022
- ✓ Prepared community online mapping comparison information for PAC
- ✓ Draft outline of Wikimap format
- ✓ Initiated data requests with each representing jurisdiction
- ✓ Began receipt and assembly of base data
- ✓ Conducted biweekly check in meeting on October 12th, 2022
- ✓ Conducted biweekly check in meeting on October 26th, 2022
- ✓ Prepared community online mapping comparison information for PAC
- ✓ Completed Wikimap
- ✓ Drafted and completed Alchemer online survey
- ✓ Developed Three Rivers Plan logo and QR code for promotional items
- ✓ Developed and ordered business cards and window cling promotional items
- ✓ Conducted biweekly internal check in meeting November 2nd, 2022
- ✓ Conducted biweekly check in meeting on November 9th, 2022
- ✓ Conducted biweekly check in meeting on November 16th, 2022
- ✓ Developed flyer for pop-up events and webpage content
- ✓ Coordinated with client on development of webpage and webpage content

- ✓ Coordination and preparation for PAC meeting
- ✓ Initiated data requests with each representing jurisdiction
- ✓ Conducted biweekly internal check in meeting November 2nd, 2022
- ✓ Conducted biweekly check in meeting on November 9th, 2022
- ✓ Conducted biweekly internal check in meeting on November 16th, 2022
- ✓ Prepared for and facilitated PAC#1 meeting on December 7th, 2022
- ✓ Conducted biweekly internal check in meeting on December 12th, 2022
- ✓ Conducted biweekly check in meeting on December 21st, 2022
- ✓ Conducted biweekly internal check in meeting on December 28th, 2022
- ✓ Conducted biweekly check in meeting on January 4th, 2023
- ✓ Conducted biweekly internal check in meeting on January 11th, 2023
- ✓ Prepared for and facilitated PAC#2 meeting on January 25th
- ✓ Conducted biweekly internal check in meeting on February 8th, 2023
- ✓ Conducted biweekly internal check in meeting on February 22nd, 2023
- ✓ Prepared for and facilitated PAC#3 meeting on March 1st, 2023
- ✓ Conducted biweekly internal check in meeting on March 8th, 2023
- ✓ Conducted biweekly check in meeting on March 15th, 2023
- ✓ Began coordination and scheduling for stakeholder interviews
- ✓ Stakeholder interview w/BCBS on January 5th, 2023
- ✓ Stakeholder interview w/City of Columbia on January 9th, 2023
- ✓ Stakeholder interview w/City of W. Columbia on January 10th, 2023
- ✓ Stakeholder interview w/Bewegen on January 16th, 2023
- ✓ Summarized survey and community feedback in prep for PAC mtg
- ✓ Continued outreach to local colleges, universities, and public organizations
- ✓ Conducted pop up event at Benedict College on February 15th, 2023
- ✓ Stakeholder interview w/CMCOG on January 30th, 2023
- ✓ Coordinated and conducted attendance at Soda City Market popup event on March 18th, 2023
- ✓ Existing Conditions memo delivered on December 27th, 2022
- ✓ Draft summary of existing conditions for final report
- ✓ Finalized summary for final document draft report
- ✓ Began Analysis on network for opportunities to fill gaps and make connections
- ✓ Presented draft analysis on January 25th PAC meeting
- ✓ Completed first and last mile map analysis
- ✓ Finalized recommendations and prepared text for final document draft
- ✓ Performed SWOT analysis
- ✓ Drafted goals and objectives
- ✓ Presented 4 Expansion Scenarios at the January 25th PAC meeting
- ✓ Followed up with client questions and comments to January 25th PAC mtg
- ✓ Refined expansion scenarios based on client feedback
- ✓ Finalized recommendations and prepared text for final document draft
- ✓ Identified Early Action project recommendations per jurisdiction
- ✓ Developed financial proforma
- ✓ Draft performance measure recommendations
- ✓ Confirmed performance measures and plan recommendations

- ✓ Finalized early action projects and concept designs
- ✓ Presented on final recommendation at the March 1st PAC mtg
- ✓ Finalized recommendations and prepared text for final document draft
- ✓ Began coordination with the Graphics Team on final document planning
- ✓ Established detailed plan development schedule
- ✓ Developed draft plan outline
- ✓ Coordination on SCDOT feasibility template criteria
- ✓ Began draft of final document
- ✓ Coordinated with graphics team on final document template options
- ✓ Collected and loaded photos and graphics for final document draft
- ✓ Prepared to release draft final report for Advisory Committee review.
- ✓ Presented the final draft report to the Technical Committee
- ✓ Presented the final draft report to the Transportation Subcommittee
- ✓ Presented the final draft report to the MPO Policy Committee

Columbia East Traffic Improvement Area Plan

The intent of this land use and transportation plan will be to evaluate existing and future land uses and potential transportation alternatives to address the long-term, multi-modal transportation improvements required to accommodate a potentially significant level of development within and adjacent to the project area. The major accomplishments include:

- ✓ Continued discussion on project development
- ✓ Maintained RFP Readiness
- ✓ Began organizing materials to advertise the RFP
- ✓ Three Proposals received by the deadline of July 20, 2022 (Previously provided to SCDOT)
- ✓ Selection of Short-Listed Candidates on August 4, 2022
- ✓ Coordination with review team on August 4, 2022
- ✓ Interviews conducted on August 17, 2022 (No Attachment)
- ✓ Final Score Sheet on August 24, 2022
- ✓ Authorization to negotiate a contract on August 25, 2022
- ✓ Notice of Intent to Award on September 2, 2022
- ✓ Thank You Letters for unsuccessful proposers on September 2, 2022
- ✓ Protest Period Ended on September 19, 2022 (None Received)
- ✓ Project Scope, Fee, and Schedule began on September 28, 2022
- ✓ Meeting to discuss and negotiate Scope of Services held on September 30, 2022
- ✓ Original Scope of Services received on October 7, 2022
- ✓ Revised Scope of Services received on October 8, 2022
- ✓ Internal Draft Contract Review Completed on November 3, 2022
- ✓ Final Contract with final scope of services, schedule, project cost & fee submitted to SCDOT on November 3, 2022
- ✓ Signed Financial Participation Agreement submitted to SCDOT on November 23, 2022
- ✓ Received a Limited Notice to Proceed from SCDOT

Regional Bike and Pedestrian Master Plans

The intent of this project is to create a pedestrian & bicycle master plan that will identify goals, improvement needs, and project priorities that will create a safe, accessible, and connected multi-modal transportation system within the communities of the City of Newberry and the Towns of Little Mountain, Prosperity, Pomaria, Pelion, Gaston, Gilbert, Summit, Jenkinsville, Ridgeway, Winnsboro, and the Lugoff/Elgin area in Kershaw County. The major accomplishments include:

- ✓ The State Newspaper Ad Posted on August 5, 2022
- ✓ SCBO Ad Posted on August 5, 2022
- ✓ Transit Talent Ad Posted on August 5, 2022
- ✓ DBE Goodfaith Ad Posted on August 5, 2022
- ✓ Request for Proposal Posted on August 5, 2022
- ✓ Questions received during the RFP Process – Addendum Posted August 26, 2022
- ✓ Three Proposals received by the deadline of September 8, 2022
- ✓ Submitted authorization to negotiate a contract on September 15, 2022
- ✓ Coordination with review team on September 28, 2022
- ✓ Selection of Short-Listed Candidates on September 29, 2022
- ✓ Notice of Intent to Award on October 28, 2022
- ✓ Thank You Letters for unsuccessful proposers on October 28, 2022
- ✓ Project Scope, Fee, and Schedule began on November 3, 2022
- ✓ Protest Period Ended on November 14, 2022 (None Received)
- ✓ Original Scope of Services received on December 2, 2022
- ✓ Scope of Services finalized on December 16, 2022

2045 Long-Range Transportation Plan

COATS has continued the process of implementing the 2040 Long-Range Transportation Plan while also updating to the new 2045 LRTP with substantial work being completed during the past program year. The major accomplishments include:

- ✓ Prepared Action Item Registers.
- ✓ Completed draft bicycle/pedestrian analysis and prioritization; began work on project maps.
- ✓ Held several coordination calls with CMCOG to discuss project prioritization. Identified data needs from CMCOG.
- ✓ Prepared draft project prioritization criteria aligned with COATS 2045 goals and performance measures.
- ✓ Submitted draft bicycle/pedestrian analysis and prioritization to CMCOG.
- ✓ Completed 70% of data collection and assessment required for prioritization decision criteria.
- ✓ Performed 70% of draft criteria and ensured that the measures were compatible with SCDOT’s project selection criteria.
- ✓ Developed methodology for identifying project scopes for use in prioritization.

- ✓ Completed enhancements to decision criteria. Met with Emily Thomas of SCDOT to ensure safety criteria are consistent with State's evaluation process. Developed criteria methodology for intersection project prioritization.
- ✓ Performed 15 percent of project evaluation task by setting up data joins with interim project files.
- ✓ Drafted LRTP Chapters 2, 4, 5, 6 and 10 using information developed earlier in the study. Also began work in updating other chapters from the 2040 LRTP document.
- ✓ Completed deliverables to date
 - ✓ Outreach and Engagement Plan
 - ✓ Brand and logos for COATS 2045 and CMCOG 2045
 - ✓ Kickoff PSC meeting
 - ✓ Seven stakeholder session summaries
 - ✓ Online survey and summary analysis of both survey and listening sessions
 - ✓ 2045 LRTP Principles, Goals, Objectives and Performance Measures
 - ✓ Summary of bicycle and pedestrian needs analysis with supporting maps and graphics
- ✓ Completed draft StoryMap for use in public feedback on proposed projects via the website. Submitted to CMCOG for review.
- ✓ Completed data collection and assessment required for developing prioritization decision criteria.
- ✓ Prepared Public Outreach and Engagement Strategy, including development of a StoryMaps and presentation materials for the website.
- ✓ Completed ranking of projects utilizing the performance criteria.
- ✓ Continued developing individual chapters of the LRTP.
- ✓ Maintained website presentation materials and StoryMaps.
- ✓ Accepted public comment on the LRTP.
- ✓ Prepared presentation materials for CMCOG Technical Committee, Transportation Subcommittee and Board of Directors meetings.
- ✓ Presented virtually and in-person to CMCOG Technical Committee, Transportation Subcommittee and Board of Directors meetings.
- ✓ Developed full draft of the LRTP for submittal to CMCOG.
- ✓ Completed Draft LRTP.
- ✓ Accepted public comment on the LRTP.
- ✓ Prepared presentation materials for CMCOG subcommittees and Board of Directors meetings.
- ✓ Presented virtually and in-person to CMCOG subcommittees and Board of Directors.
- ✓ Updated draft LRTP based on comments received.
- ✓ Include additional projects and run projects through prioritization exercise.
- ✓ Conducted additional performance evaluation and prioritization for Assembly Street Railroad Separation project.
- ✓ Revised LRTP document.
- ✓ Completed contract extension to to allow time to receive and address LRTP and
- ✓ CMP comments and conducts additional performance evaluation and prioritization of intersection projects.
- ✓ Began organizing a meeting with public officials to discuss the MPO Planning Process

- ✓ Participated in a meeting with SCDOT to discuss Regional Mobility
- ✓ Participated in a meeting with MPOs and COGs to discuss planning activities
- ✓ Received notification of SCDOT Safety Targets
- ✓ Posted updated LRTP in CMCOG website
- ✓ Completed discussions about a feasibility study being conducted on US 76 and US 176
- ✓ Completed discussions about a feasibility study being conducted on SC 6
- ✓ Completed discussions about a feasibility study being conducted on Blythewood Road
- ✓ Discussed the removal of West Main Street (US 1) in the Town of Lexington
- ✓ Participated in a meeting with SCDOT to discuss planning for future interchange projects
- ✓ Received FY 2019 - 2023 SCDOT Safety Targets
- ✓ Re-opened discussions about a feasibility study being conducted on US 76 and US 176 regarding a portion of the project to be completed by Richland County
- ✓ Re-opened discussions about a feasibility study being conducted on US 76 regarding a portion being located in Newberry County and must be funded using Rural Guides share
- ✓ Continued discussions to remove West Main Street (US 1) in the Town of Lexington from the 2045 LRTP

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. Major accomplishments completed under this item include:

- ✓ Completed work in identifying data sources for the CMP.
- ✓ Completed using NPMRDS data to analyze corridors.
- ✓ Developed CMP chapter for LRTP and full draft of CMP report for submittal to CMCOG.
- ✓ Completed presentation materials for CMCOG Technical Committee, Transportation Subcommittee and Board of Directors meetings.
- ✓ Completed Draft CMP.
- ✓ Submitted draft CMP.
- ✓ Updated draft CMP based on comments received.
- ✓ Updated Congestion Management Plan as needed.
- ✓ Presented the final draft report to the Technical Committee
- ✓ Presented the final draft report to the Transportation Subcommittee
- ✓ Presented the final draft report to the MPO Policy Committee

US 1 Corridor Feasibility Study

This project consists of conducting a corridor feasibility study to perform an access management assessment as well as to define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis. The primary goal of this feasibility study is to develop an

implementation strategy approach that identifies near-term, mid-term, and long-term projects and strategies for the planning area. The major accomplishments include:

- ✓ Began discussion on project development
- ✓ Ensured project was in the UPWP
- ✓ Began development of the project solicitation
- ✓ Began development of the RFP
- ✓ Continued discussion on project development
- ✓ Completed development of the RFP
- ✓ Received approval to advertise the RFP

Corley Mill Road/Andrew Corley Road Corridor Feasibility Study

This project consists of conducting a corridor feasibility study to perform an access management assessment as well as to define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis. The primary goal of this feasibility study is to develop an implementation strategy approach that identifies near-term, mid-term, and long-term projects and strategies for the planning area. The major accomplishments include:

- ✓ Began discussion on project development
- ✓ Ensured project was in the UPWP
- ✓ Began development of the project solicitation
- ✓ Began development of the RFP
- ✓ Continued discussion on project development
- ✓ Completed development of the RFP
- ✓ Received approval to advertise the RFP

Transportation Projects Implementation

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

Rail/Truck and Transit Planning

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

- ✓ Continued implementation of the Commuter Rail Plan
- ✓ Continued to monitor high speed rail activities in the upstate
- ✓ Continued research on a possible rail demonstration route

- ✓ Continued assessing land use along proposed rail routes
- ✓ Continued researching vehicle types that can provide rail and road services
- ✓ Continued implementation of the rail strategy

Transportation Improvement Program

This project's purpose was to maintain and update the Transportation Improvement Program (TIP). Activities for this project will also ensure that the TIP has complied with the requirements of the Clean Air Act. Major accomplishments completed under this item include:

- ✓ Continued implementation of the 2020 – 2027 Transportation Improvement Program
- ✓ Completed SCDOT STIP Corrections and Amendments
- ✓ Completed the following TIP Amendments to the 2020 – 2027 TIP:
 - The addition of 586,728 in FY 2021 Section 5339 funds from the FTA 2021 Full Year Federal Apportionment to the Columbia Urbanized Area.
 - The addition of \$5,496,654 in FY 2021 Section 5307 funds from the FTA 2021 Full Year Federal Apportionment to the Columbia Urbanized Area.
 - The addition of 509,993 in FY 2021 Section 5310 funds from the FTA 2021 Full Year Federal Apportionment to the Columbia Urbanized Area.
 - The addition of \$9,242,669 in FY 2021 Section 5307 funds from the American Rescue Plan Apportionment to the Columbia Urbanized Area.
 - The addition of \$84,786 in FY 2021 Section 5310 funds from the Coronavirus Response and Relief Supplemental Appropriations Act Apportionment to the Columbia Urbanized Area.
 - The addition of \$84,787 in FY 2021 Section 5310 funds from the American Rescue Plan Apportionment to the Columbia Urbanized Area.
 - The addition of \$2.6 million in the 2021 Coronavirus Response and Relief Supplemental Appropriations Act Apportionment to the Columbia Urbanized Area for the payoff of the Metropolitan Planning Organization 27 in 7 Bonding Program Debt Service.
 - The addition of \$2.3 million in the 2021 Coronavirus Response and Relief Supplemental Appropriations Act Apportionment to the Columbia Urbanized Area for the widening of Leesburg Road.
 - The addition of \$289,900 Total, (\$212,720 Federal) in FY 2018 Section 5307 funds for the development of an Intermodal Transit Center.
 - The addition of \$1,129,089 in FY 2016 – 2018 Transportation Alternatives Program funds to the Leesburg Road Widening Project.
 - The addition of \$1,137,647 in FY 2019 and FY 2020 Transportation Alternatives Program (TAP) funds to eight (8) existing TAP projects.
 - The addition of \$1.5 million in FY 2022 non-federal funds for the regionally significant Lower Saluda Greenway Project.
 - The transfer of \$5,246,654 in FY 2021 Section 5307 funds to the Central Midlands Regional Transit Authority.
 - The addition of \$2,725,353 beginning in FY 2022 in new guideshare funds to increase the COATS MPO annual guideshare apportionment to \$21,925,067.

- The transfer of \$586,728 in FY 2021 Section 5339 funds to the Central Midlands Regional Transit Authority.
- The addition of \$849,000 in FY 2019 and 2020 Transportation Alternatives Program funds for the South Main Street Streetscape Project.
- The addition of \$1,783,466 in FY 2022 Transportation Alternatives Program funds to be added to the TIP.
- The addition of \$80,000 in FY 2020 Section 5310 funds to the Senior Resources Inc. for the purchase of a vehicle.
- The addition of \$105,225 in FY 2020 Section 5310 funds to the Babcock Center for the purchase of two vehicles.
- The addition of \$54,627 in FY 2020 Section 5310 funds to Irmo Chapin Recreation Commission for the purchase of a vehicle.
- The addition of \$248,788 in FY 2020 Section 5310 funds to the Central Midlands Regional Transit Authority for a purchase of service.
- The addition of \$2,000,000 in FY 2023 guideshare funds for the White Pond Road/Whiting Way Intersection Improvement Project.
- The addition of \$2,935,190 in FY 2021 Section 5339 Low/No Grant funds to the Central Midlands Regional Transit Authority.
- The addition of \$584,990 in FY 2019 Section 5339 funds to the Central Midlands Regional Transit Authority for the purchase of bus shelters.
- The addition of \$626,271 in FY 2020 Section 5339 funds to the Central Midlands Regional Transit Authority for the purchase of bus shelters.
- The addition of \$9.5 million in guideshare funds for the development of the Lower Saluda Greenway Phase III Project.
- The addition of \$300,000 in guideshare funds for the Blythewood Road to US 21 to Langford Road Corridor Feasibility Planning Analysis.
- The addition of \$500,000 in guideshare funds for the SC 6 (US 76 to SC 60); US 76 (Lindler Field Road to SC 6 – Ballentine), US 76/ US 176 (SC 6 – Ballentine to Harbison Boulevard) Corridor Feasibility Planning Analysis.
- The addition of \$100,000 in FY 2022 South Carolina Parks, Recreation, & Tourism – Recreation Trails Program funds for the Saluda River Pedestrian Bridge Project.
- The addition of \$100,000 in FY 2022 South Carolina Parks, Recreation, & Tourism – Recreation Trails Program funds for the Saluda River & Riverwalk Access Improvements Project.
- The addition of the Interstate System Access Change Request. A total of \$100,000 in federal funds has been established for this task.

Unified Planning Work Program

This project's purpose was to maintain and update the Unified Planning Work Program (UPWP). Activities for this project will also ensure that the UPWP has complied with the requirements of FHWA, FTA, & SCDOT. Major accomplishments completed under this item include:

- ✓ Completed the following UPWP Amendments
 - The addition of the Regional Bike and Pedestrian Master Plan. A total of \$400,000 in federal funds has been established for this item.
 - The addition of the Corley Mill Road/Andrew Corley Road Corridor Feasibility Study. A total of \$200,000 in federal funds has been established for this project.
 - The addition of the Interstate System Access Request. A total of \$200,000 in federal funds has been established for this project.
 - The addition of Section 5307 funds provided through the Large Urban Program to support transportation planning projects.
 - The addition of new planning projects:
 - Regional Resiliency Study
 - Riverbanks Sub-Area Plan
 - Site Selection Review and Development Plan
 - Regional Commuter Rail Analysis

Title VI Plan

Federal regulations require that MPOs who are federal grant recipients such as COATS, have a Title VI Program. Title VI of the Civil Rights Act of 1964 states that no person in the United States shall, on the basis of race, color, or national origin, be excluded from participation in, be denied the benefits of, or subjected to discrimination under any program or activity receiving federal financial assistance. Title VI prohibits intentional discrimination as well as disparate impact on protected groups. The transportation planning regulations require consistency with Title VI and subsequent civil rights laws and regulations. The MPO continues to maintain its Title VI and Language Assistance Plan.

Disadvantaged Business Enterprise Plan

CMCOG has established a Disadvantaged Business Enterprise (DBE) program in accordance with regulations of the U.S. Department of Transportation (USDOT), 49 CFR, Part 26. CMCOG receives federal financial assistance from the USDOT, and as a condition of receiving this assistance, CMCOG has sign an assurance that it will comply with 49 CFR, part 26.

It is the policy of CMCOG to ensure that all businesses have an equal opportunity to receive and participate in USDOT assisted contracts. CMCOG includes a DBE goal on every planning project.

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. Major accomplishments completed under this task include:

- ✓ Staff provided technical assistance to the member governments

- ✓ Staff tracked SC Legislative bills and funding for COATS, COG and local governments
- ✓ Staff monitored Ozone levels for region and review new proposed regulations
- ✓ Staff updated STIP 2021-2027 with Revisions: 3
- ✓ Staff attended Public Information Meeting Concerning Proposed Safety Improvements at the intersection of US 21 Charleston Highway & S-32-1258 Old Wire Road with a roundabout in Lexington County
- ✓ Staff updated STIP 2021-2027 with Revisions: 4 & 5
- ✓ Staff attended webinar on Transportation Advocacy that Centers Voices of the Disabled and Non-Drivers
- ✓ Staff attended New Data Points [cell phones] the Way on Bike Infrastructure Investment
- ✓ Staff attended Public Information Meeting on Phase 1 Construction of the Carolina Crossroads I-20/26/126 Corridor Project- SCDOT
- ✓ Staff attended webinar Forum on Measuring Public Involvement Effectiveness for Transportation Agencies
- ✓ Authorized the Executive Director to sign a contract for the Columbia East Traffic Improvement Area Plan
- ✓ Authorized the Executive Director to sign a contract for the Regional Bike and Pedestrian Master Plans
- ✓ Advertised the Transit Center Joint Development Plan
- ✓ Advertised the Riverbanks Land Use and Transportation Plan
- ✓ Re-Advertised the Transit Center Joint Development Plan

MPO Planning Process

This task covers the implementation of the MPO Planning Process. The COATS MPO has a three level MPO Planning Process that includes the Technical Committee, Transportation Subcommittee, and Policy Committee. Major accomplishments completed under this task include:

Technical Committee Activities:

- Received a recommendation of approval to amend the 2040 LRTP the complete streets directives as developed by SCDOT.
- Received a recommendation of approval to amend the 2022 & 2023 Unified Planning Work Program to add the CMCOG Transit Asset Management Plan.
- Received a recommendation of approval to amend the 2022 & 2023 Unified Planning Work Program to add the Subrecipient Title VI Plans for the Large Urban Section 5310 Program.
- Received a recommendation of approval to amend the 2040 LRTP to adopt the 2018 – 2022 SCDOT Safety Performance Measures.
- Received a recommendation of approval to adopt the 2045 Regional Long Range Transportation Plan.
- Received a recommendation of approval to adopt the FY 2021 – 2025 CMCOG Transit Asset Management Plan.

- Received a recommendation of approval to adopt a resolution that will allow for the Executive Director to apply for federal and state grants.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,935,190 in Section 5339 Low/No Grant Funds for the CMRTA.
- Received a recommendation of approval to adopt the FY 2021 Annual Listing of Obligated Projects.
- Received as information an overview of transportation planning activities.
- Received a recommendation of approval to transfer \$5,246,654 in FY 2021 Section 5307 funds to CMRTA, reserve \$250,000 for CMCOG, and note that SWRTA has requested no funding.
- Received a recommendation of approval to transfer \$586,728 in FY 2021 Section 5339 funds to CMRTA and note that SWRTA has requested no funding.
- Received a recommendation of approval to adopt the 2021 Regional Congestion Management Plan.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$1.5 million in non-federal funds to the Lower Saluda Greenway Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$849,000 in TAP Funds for the South Main Street Streetscape Project.
- Received a recommendation of approval to amend the 2045 LRTP to add the Carolina Crossroads Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$1,783,466 in TAP funds and set a fluctuating federal cap based on available TAP funding each year.
- Received as information a discussion about the 2022 & 2023 Unified Planning Work Program. Staff request projects, studies, or any analysis that the member governments would like to conduct in FY 2023.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$584,990 in FY 2019 and \$626,271 in FY 2020 Section 5339 Funds for the purchase and installation of bus shelters and shelter amenities for the Comet.
- Received a recommendation of approval to amend the 2045 LRTP to add the Assembly Street Rail Separation Project.
- Received a recommendation of approval to amend the 2045 LRTP to add the Multi-modal Transportation Center
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,000,000 in guideshare funds for the White Pond Road/Whiting Way Intersection Improvement Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add the FY 2023 Section 5310 Projects.
- Received a recommendation of approval to amend the 2045 LRTP to add the Town of Lexington 22 LTIP Projects.

Transportation Subcommittee Activities:

- Received a recommendation of approval to amend the 2040 LRTP the complete streets directives as developed by SCDOT.

- Received a recommendation of approval to amend the 2022 & 2023 Unified Planning Work Program to add the CMCOG Transit Asset Management Plan.
- Received a recommendation of approval to amend the 2022 & 2023 Unified Planning Work Program to add the Subrecipient Title VI Plans for the Large Urban Section 5310 Program.
- Received as information status updates on transportation projects in the COATS MPO region.
- Received a recommendation of approval to amend the 2040 LRTP to adopt the 2018 – 2022 SCDOT Safety Performance Measures.
- Received a recommendation of approval to adopt the 2045 Regional Long Range Transportation Plan.
- Received a recommendation of approval to adopt the FY 2021 – 2025 CMCOG Transit Asset Management Plan.
- Received a recommendation of approval to adopt a resolution that will allow for the Executive Director to apply for federal and state grants.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,935,190 in Section 5339 Low/No Grant Funds for the CMRTA.
- Received a recommendation of approval to adopt the FY 2021 Annual Listing of Obligated Projects.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$1.5 million in non-federal funds to the Lower Saluda Greenway Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,725,353 per year in new guideshare funds for the COATS MPO starting in FY 2022.
- Received as information a discussion about the COATS MPO Unified Planning Work Program to request any new projects, studies, or analysis that the member governments would like for the MPO to consider.
- Received as information a discussion about how SCDOT handles scope changes for bridge and interchange improvement projects.
- Received as information an overview of transportation planning activities.
- Received a recommendation of approval to transfer \$5,246,654 in FY 2021 Section 5307 funds to CMRTA, reserve \$250,000 for CMCOG, and note that SWRTA has requested no funding.
- Received a recommendation of approval to transfer \$586,728 in FY 2021 Section 5339 funds to CMRTA and note that SWRTA has requested no funding.
- Received a recommendation of approval to adopt the 2021 Regional Congestion Management Plan.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$849,000 in TAP funds to the South Main Street Streetscape project.
- Received a recommendation of approval to amend the 2045 LRTP to add the Carolina Crossroads project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add the FY 2022 apportionment of \$1,783,466 and to set a fluctuating federal cap that is based on available TAP funding each year.
- Received a recommendation of approval to adopt the updated FY 2020 & 2023 Unified Planning Work Program.

- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$584,990 in FY 2019 and \$626,271 in FY 2020 Section 5339 Funds for the purchase and installation of bus shelters and shelter amenities for the Comet.
- Received a recommendation of approval to amend the 2045 LRTP to add the Assembly Street Rail Separation Project.
- Received a recommendation of approval to amend the 2045 LRTP to add the Multi-modal Transportation Center
- Received a recommendation of approval to amend the 2045 LRTP to add the White Pond Road/Whiting Way Intersection Improvement Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,000,000 in guideshare funds for the White Pond Road/Whiting Way Intersection Improvement Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add the FY 2023 Section 5310 Projects.
- Received a recommendation of approval to amend the 2045 LRTP to add the Town of Lexington 22 LTIP Projects.
- Received a recommendation of approval to adopt the FY 2023 – 2025 DBE Goal of 8% on FTA assisted contracts.

MPO Policy Committee (CMCOG Board of Directors) Activities:

- Ratified the approval to amend the 2040 Long Range Transportation Plan to add the SCDOT System Performance Report.
- Ratified the approval to amend the 2020-2027 TIP and the Human Services Coordination Plan to add the FY 2022 Section 5310 Projects for the Large Urban Area.
- Ratified the approval to transfer \$7,418,402.10 in Section 5307 American Rescue Plan Funds to CMRTA.
- Ratified the approval to retain \$1,000,000 in Section 5307 American Rescue Plan Funds for CMCOG.
- Ratified the approval to transfer \$824,266.90 in Section 5307 American Rescue Plan Funds to SWRTA.
- Ratified the approval to transfer \$76,308.30 in Section 5310 American Rescue Plan Funds to CMRTA.
- Ratified the approval to transfer \$8,478.70 in Section 5310 American Rescue Plan Funds to SWRTA.
- Ratified the approval to transfer \$76,307.40 in Section 5310 Coronavirus Response and Relief Supplemental Appropriations Act Funds to CMRTA.
- Ratified the approval to transfer \$8,478.60 in Section 5310 Coronavirus Response and Relief Supplemental Appropriations Act Funds to SWRTA.
- Received approval to amend the 2040 LRTP the complete streets directives as developed by SCDOT.
- Received approval to amend the 2022 & 2023 Unified Planning Work Program to add the CMCOG Transit Asset Management Plan.
- Received approval to amend the 2022 & 2023 Unified Planning Work Program to add the Subrecipient Title VI Plans for the Large Urban Section 5310 Program.

- Received as information status updates on the 2045 Long Range Transportation Plan.
- Received approval to amend the 2040 LRTP to adopt the 2018 – 2022 SCDOT Safety Performance Measures.
- Received approval to adopt the 2045 Regional Long Range Transportation Plan.
- Received approval to adopt the FY 2021 – 2025 CMCOG Transit Asset Management Plan.
- Received approval to adopt a resolution that will allow for the Executive Director to apply for federal and state grants.
- Received approval to amend the 2020 – 2027 TIP to add \$2,935,190 in Section 5339 Low/No Grant Funds for the CMRTA.
- Received approval to adopt the FY 2021 Annual Listing of Obligated Projects.
- Ratified the approval to amend the 2040 LRTP the complete streets directives as developed by SCDOT.
- Ratified the approval to adopt the 2045 Regional Long Range Transportation Plan.
- Ratified the approval to adopt the 2021 Regional Congestion Management Plan.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$1.5 million in non-federal funds to the Lower Saluda Greenway Project.
- Received a recommendation of approval to amend the 2020 – 2027 TIP to add \$2,725,353 per year in new guideshare funds for the COATS MPO starting in FY 2022.
- Received as information a discussion about the COATS MPO Unified Planning Work Program to request any new projects, studies, or analysis that the member governments would like for the MPO to consider.
- Received as information a discussion about how SCDOT handles scope changes for bridge and interchange improvement projects.
- Received as information an overview of transportation planning activities.
- Received a recommendation of approval to transfer \$5,246,654 in FY 2021 Section 5307 funds to CMRTA, reserve \$250,000 for CMCOG, and note that SWRTA has requested no funding.
- Received a recommendation of approval to transfer \$586,728 in FY 2021 Section 5339 funds to CMRTA and note that SWRTA has requested no funding.
- Received a recommendation of approval to adopt the 2021 Regional Congestion Management Plan.
- Received first reading approval to amend the 2020 – 2027 TIP to add \$849,000 in TAP Funds for the South Main Street Streetscape Project.
- Received approval to amend the 2045 LRTP to add the Carolina Crossroads project.
- Received approval to amend the 2020 – 2027 TIP to add the FY 2022 apportionment of \$1,783,466 and to set a fluctuating federal cap that is based on available TAP funding each year.
- Received approval to adopt the updated FY 2022 & 2023 Unified Planning Work Program.
- Received approval to amend the 2020 – 2027 TIP to add \$584,990 in FY 2019 and \$626,271 in FY 2020 Section 5339 Funds for the purchase and installation of bus shelters and shelter amenities for the Comet.
- Received approval to amend the 2045 LRTP to add the Assembly Street Rail Separation Project.

- Received approval to amend the 2045 LRTP to add the Multi-modal Transportation Center
- Received approval to amend the 2045 LRTP to add the White Pond Road/Whiting Way Intersection Improvement Project.
- Received approval to amend the 2020 – 2027 TIP to add \$2,000,000 in guideshare funds for the White Pond Road/Whiting Way Intersection Improvement Project.
- Received approval to amend the 2020 – 2027 TIP to add the FY 2023 Section 5310 Projects.
- Received approval to amend the 2045 LRTP to add the Town of Lexington 22 LTIP Projects.
- Received approval to adopt the FY 2023 – 2025 DBE Goal of 8% on FTA assisted contracts.
- Ratified the approval to amend the 2045 LRTP to add the Assembly Street Rail Separation Project.
- Ratified the approval to adopt the updated FY 2022 & 2023 Unified Planning Work Program.
- Ratified the approval to amend the 2020 – 2027 TIP to add \$849,000 in TAP funds to the South Main Street Streetscape project.
- Ratified the approval to amend the 2020 – 2027 TIP to add \$1.5 million in non-federal funds to the Lower Saluda Greenway Project.
- Ratified the approval to amend the 2020 – 2027 TIP to add \$2,725,353 per year in new guideshare funds for the COATS MPO starting in FY 2022.

SUMMARY OF MAJOR PROGRAMMED ACTIVITIES

The 2024 & 2025 COATS Unified Planning Work Program (UPWP) is based on the COATS's 2045 Long-Range Transportation Plan, which was updated and approved by the Policy Committee on December 9, 2021. 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 2024 & 2025 UPWP emphasizes activities that promote the implementation of the existing plan and establish a foundation for the plan's update.

The IJIA and other Federal legislation impact the way 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. The performance-based and outcome-driven approach to metropolitan transportation planning specified in federal transportation bills is applied within the functions of the COATS MPO. 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. In addition, funding is included for the staff to become educated on federal legislation and requirements.

2 — Short-Range Transportation Planning

This category includes projects which could be implemented in a shorter time frame and includes activities related to 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

Please note that the UPWP budget and work product delivery is illustrative until approved by SCDOT.

FEDERAL PLANNING EMPHASIS AREAS

In December, 2021, FHWA and FTA jointly issued Planning Emphasis Areas (PEA), which are planning topical areas for State DOTs and MPOs to place emphasis on when developing work programs. There are 8 PEAs for the 2023- 2024 UPWP: 1) Tackling the Climate Crisis - Transition to a Clean Energy, Resilient Future; 2) Equity and Justice⁴⁰ in Transportation Planning; 3) Complete Streets; 4) Public Involvement; 5) Strategic Highway Network (STRAHNET)/ US Department of Defense (DOD) Coordination; 6) Federal Land Management Agency (FLMA) Coordination; 7) Planning and Environmental Linkage (PEL); and 8) Data in Transportation Planning.

Tackling the Climate Crisis - Ensure that transportation plans and infrastructure investments help achieve the national greenhouse gas reduction goals of 50-52 percent below 2005 levels by 2030, and net-zero emissions by 2050, and increase resilience to extreme weather events and other disasters resulting from the increasing effects of climate change.

Equity and Justice⁴⁰ - Advance racial equity and support for underserved and disadvantaged communities.

Complete Streets - Review current policies, rules, and procedures to determine their impact on safety for all road users.

Public Involvement - Increase meaningful public involvement in transportation planning by integrating Virtual Public Involvement (VPI) tools into the overall public involvement approach while ensuring continued public participation by individuals without access to computers and mobile devices.

STRAHNET and DOD Coordination - Coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities.

FLMA Coordination - Coordinate with FLMAs in the transportation planning and project programming process on infrastructure and connectivity needs related to access routes and other public roads and transportation services that connect to Federal lands.

PEL - Implement PEL as part of the transportation planning and environmental review processes. The use of PEL is a collaborative and integrated approach to transportation decisionmaking that considers environmental, community, and economic goals early in the transportation planning process, and uses the information, analysis, and products developed during planning to inform the environmental review process.

Transportation Planning Data - Incorporate data sharing and consideration into the transportation planning process, because data assets have value across multiple programs. Focused efforts at the SMTC have consisted of bicycle and pedestrian planning, bridge & pavement condition management, vehicle traffic counting, surveys, and transit ridership.

The COATS MPO 2024 & 2025 UPWP consists of several planning tasks that directly support the joint FHWA and FTA emphasis areas. As work efforts continue on carryover planning projects, or commence on new activities, nearly all of the PEAs will be addressed to some extent; particularly equity, Complete Streets, transportation planning data, and public involvement.

PUBLIC PARTICIPATION

Correspondence was sent to all member agencies and appropriate officials of eligible counties, municipalities, and authorities within the COATS MPO planning area notifying them of our call for transportation planning assistance. Information was posted to the CMCOG website. Also, virtual meetings were held with prospective applicants during the solicitation period. Prior to making a formal adoption of the 2024 & 2025 UPWP, a draft of the document was made available at the offices of the Central Midlands Council of Governments and posted on the CMCOG's website for a 30-day public comment period. A legal notice was published in the local newspaper announcing the availability of the comment period. The document was presented at meetings of the COATS MPO Technical Committee, Transportation Subcommittee, and Policy Committee. No public comments were received.

2024 & 2025 UNIFIED PLANNING WORK PROGRAM OVERVIEW

The 2024 & 2025 Unified Planning Work Program (UPWP) is based on COATS's 2045 Long-Range Transportation Plan, updated and approved by COATS Policy Committee on December 9, 2021. The goals for this program year are threefold:

Goal #1: To complete outstanding 2022 & 2023 UPWP tasks

Goal #2: To commence and complete new 2024 & 2025 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 2022 & 2023 UPWP will be continued:

- Columbia East Traffic Improvement Area Plan
- US 1 Corridor Feasibility Study
- Corley Mill Road/Andrew Corley Road Corridor Feasibility Study
- Regional Bike and Pedestrian Master Plans

Goal #2

Goal #2 will be achieved by completing the following new 2024 & 2025 tasks:

- Regional Freight Plan
- SC 6 Corridor Feasibility Study
- Congestion Management Plan Update
- Regional ITS Architecture

Goal #3

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

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

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

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UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

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:	<p>COATS provides staff support to the Policy, Executive, Transportation Subcommittee, and Technical Committee 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:</p> <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, Technical 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 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, software and office space 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 MPO staff will provide the supportive functions in the development of MPO documents and reports as well as staff all MPO meeting for the Policy Committee which is scheduled to meet monthly; the Transportation Subcommittee which is scheduled to meet monthly; and the Technical Committee which is scheduled to meet monthly. The MPO staff will provide all administrative functions to operate and support MPO activities.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$35,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$8,750.00	Local	
	Total	\$43,750.00	Total	

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:				
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.				
Examples include, but are not limited to:				
<ul style="list-style-type: none"> ➤ Developing the Regional Bike Share Expansion Feasibility Study (recently completed by Toole Design Group); ➤ Developing the Columbia East Traffic Improvement Area Plan; ➤ Developing with a website for the COATS MPO; ➤ Developing the Regional Bike and Pedestrian Master Plan; ➤ Using cooperative relationship with on call consultants to support transportation planning activities; ➤ Implement Transportation Planning Activities as prescribed by law; and ➤ Other skills that may be necessary to support the UPWP but may be currently absent at the staff level. 				
The South Carolina Department of Transportation and the Federal Highway Administration will have the opportunity to comment on FHWA funded proposals and contracts before soliciting and/or executing for consulting services.				
END PRODUCT:				
An updated MPO website that will house previous, current, and future MPO documents and studies. This task will also include the hiring of an on-call consultant for technical support.				
Project Sponsor/ Participating Agencies:		Funding Sources:		
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$135,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$33,750.00	Local	
	Total	\$168,750.00	Total	

PROJECT NO:	1C				
PROJECT TITLE:	Public Participation				
OBJECTIVE:					
To enhance COATS transportation planning process with greater opportunities for public participation, input involvement, and exposure.					
METHODOLOGY:					
<p>This task generally provides for the dissemination of information to the public about the transportation planning program. It also covers receiving public comment and input on transportation planning activities through public information meetings both hosted and attended by COATS.</p> <p>Specifically, this task includes the development of strategies for improving the public’s access to the MPO Planning process, including all stages of the development of MPO Planning documents and studies.</p> <p>As part of the task, COATS will continue to ensure that the principles of Environmental Justice, including minority and low income communities; and non-English speaking populations are included and represented in all public outreach efforts.</p> <p>Techniques for the dissemination of information include, but are not limited to the following:</p> <ul style="list-style-type: none"> ➤ Brochures, flyers, and maps; ➤ Study reports and technical memoranda; ➤ Public information meetings/workshops and conferences; ➤ Media releases, press articles, and paid advertisement/features; ➤ 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. CMCOG/COATS MPO reserves the opportunity to use an on-call consultant to assist with the implementation of these activities.</p>					
END PRODUCT:					
Public participation opportunities/activities, including CMCOG newsletters, reports, press releases, maps, and slide presentations, web site maintenance, meetings, workshops, etc.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$25,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$6,250.00	Local	
		Total	\$31,250.00	Total	

PROJECT NO:	1D			
PROJECT TITLE:	UPWP Maintenance and Development			
OBJECTIVE:	Maintain the current 2024 & 2025 Unified Planning Work Program (UPWP) and develop a subsequent work program.			
METHODOLOGY:	<p>This task includes all necessary work required to process amendments to the 2024 & 2025 UPWP.</p> <p>In addition, this task will allow for the development of the 2026 & 2027 UPWP during the 2024 & 2025 program years.</p> <p>The UPWP indicates local, state, and federal FHWA/FTA Consolidated funding of the UPWP tasks and identifies the participating agencies for completing the work. The UPWP will be developed according to measures deemed necessary to ensure a “3C” planning process; this is one that is continuing, cooperative, and comprehensive. Copies of the UPWP will be published after approval by the Policy Committee (CMCOG Board of Directors).</p>			
END PRODUCT:	Maintenance and amendments to the 2024 & 2025 UPWP as necessary and appropriate and the development of the 2026 & 2027 UPWP.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$25,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$6,250.00	Local	
	Total	\$31,250.00	Total	

UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

2 — SHORT-RANGE TRANSPORTATION PLANNING

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

2B — Transportation Projects Implementation

2C — Geographic Information System (GIS)

PROJECT NO:	2A				
PROJECT TITLE:	Data Collection, Compilation, and/or Analysis				
OBJECTIVE:					
To collect, analyze and utilize various forms of data that assist in the everyday planning operation of the Metropolitan Planning Organization (MPO).					
METHODOLOGY:					
This UPWP task involves the following subcategories:					
<ul style="list-style-type: none"> ➤ <u>Vehicle Data Collection</u>: 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. ➤ <u>Building Permits</u>: 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. ➤ <u>Population Projections</u>: 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. ➤ <u>2020 Census & Annual American Community Survey (ACS)</u>: a) Participate as a Regional Census data affiliate agency. b) Obtain and review data from Census Bureau to support transportation planning. c) Review and update Traffic Analysis Zone (TAZ) boundaries. d) Prepare analyses of data released by Census Bureau (publish on website, maps and agency documents) 					
END PRODUCT:					
The end products are Vehicle, Population, Building Permits and Census reports. This data is used in the various multi-modal studies and activities undertaken by COATS.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$40,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$10,000.00	Local	
		Total	\$50,000.00	Total	

PROJECT NO:	2A - CONTINUED				
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).					
PURPOSE: The Central Midlands Council of Governments and the COATS MPO analyzes population, building permits, and employment data sets in order to monitor the growth and development of residential and commercial trends and activities that assists the COG and MPO in planning for current and future transportation needs. These data sets are in concert with the following FAST Act planning factors: <ul style="list-style-type: none"> • Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvement and State and local planned growth and economic development patterns. • Enhance the integration of connectivity of the transportation system, across and between modes, people, and freight. • Promote efficient system management and operation Neither CMCOG nor COATS MPO dictate land use decisions within the Central Midlands and COATS planning areas. These decisions often have a major impact on traffic flows and congestion issues within our transportation network. In order to plan, review, and potentially mitigate this transportation issues, these surveys/reports are used to: <ul style="list-style-type: none"> • Identify where current residential and commercial growth is occurring • Identify potential corridors that may be impacted by continuing growth and development • Identify the density and types of development that may be conducive to other modes of transportation other than single occupancy vehicles • Assists in improving the coordination between land use and transportation • Supports our CMP by allowing us to consider other types of transportation improvements before consideration is given to capacity expansion • Identify potential census tracts where high traffic generators are located • Identify employment sectors • Provides current and forecasted demographics variables and input for long and short range transportation modeling purposes 					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated		FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local		Local	
		Total		Total	

PROJECT NO:	2B				
PROJECT TITLE:	Transportation Projects Implementation				
OBJECTIVE:					
To implement past and present transportation planning projects that will address the planning factors of the IJA.					
METHODOLOGY:					
This is an administrative task which addresses the implementation of transportation planning projects that the staff has either completed, annually implements, or will be completed in these fiscal years. Projects that will be implemented included:					
<ul style="list-style-type: none"> ➤ Regional Bike Share Plan ➤ Regional Congestion Management Plan ➤ Human Services Transportation Coordination Plan - UPDATE ➤ Regional Site Selection Study ➤ 2045 Long Range Transportation Plan ➤ Cayce, West Columbia, & Springdale Bike and Pedestrian Master Plan ➤ Chapin, Batesburg-Leesville, & Swansea Bike and Pedestrian Master Plan ➤ COATS Travel Demand Model ➤ Public Participation Plan ➤ Blythewood Traffic Improvement Area Plan ➤ Walk/Bike Columbia Bicycle and Pedestrian Master Plan & Bike Share Plan ➤ Transportation Alternatives Program ➤ Saluda Greenway Feasibility Study ➤ Kershaw County Transportation Feasibility Study ➤ Calhoun County Transportation and Land Use Study ➤ Short Range Transit Plan, Origin, Destination, & Demographic Survey, and Comprehensive Operational Analysis ➤ MPO Website ➤ Title VI Plan/Language Assistance Plan ➤ DBE Plan 					
** Please be advised that the COATS MPO will navigate the SCDOT LPA process prior to initiating any work that involves the hiring of a contractor or consultant**					
END PRODUCT:					
Documentation of completed activities in the MPO quarterly reports as it relates to the implementation of previous, current, and planning for future projects.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$40,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$10,000.00	Local	
		Total	\$50,000.00	Total	

PROJECT NO:	2C			
PROJECT TITLE:	Geographic Information System (GIS)			
OBJECTIVE:	To manage the data and software requirements necessary for maintaining and using COATS GIS to support the MPO planning activities (transportation, GIS layers, modeling, mapping, etc.).			
METHODOLOGY:	<p>The COATS GIS department routinely utilizes GIS technology for transportation planning and analysis. These efforts include but are not limited to: GIS coordination with member governments; spatial database inventorying, management and administration; vehicle traffic count analysis; environmental screening; demographics and research; Environmental Justice/Title VI compliance; and travel demand modeling.</p> <p>Anticipated activities include:</p> <ul style="list-style-type: none"> ➤ Continued coordination with member agencies to ensure that the most recent data is being used; ➤ Ongoing GIS database management and QA/QC of all data layers; ➤ Continued updates and QA/QC of data layers generated in house (e.g., population and employment forecasts, traffic counts, project lists, etc.); ➤ Continued GIS support for various UPWP planning efforts ➤ Cartography/Graphic support for visualization, public involvement, and scenario planning; ➤ Continued update and refinement of regional travel demand model and all associated input and output data sources; ➤ Travel Demand modeling as needed for various UPWP planning efforts; ➤ GIS data and Travel Demand Modeling coordination with consultants as required for various UPWP planning efforts. ➤ Update and maintenance of GIS plotter and associated Information Technology infrastructure and support as needed. ➤ Update and maintain TAZ boundaries and Census ACS datasets 			
END PRODUCT:	Enhanced coordination between COATS and various federal, state, and local agencies to allow for up-to-date GIS data and files. GIS data/mapping support for population projections, the Title VI Assessments, MPO Boundary changes, socio-economic data mapping and MPO visualization of planning projects.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$40,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$10,000.00	Local	
	Total	\$50,000.00	Total	

UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

3 — LONG-RANGE TRANSPORTATION PLANNING

3A — Air Quality and Conformity

3B — Columbia East Traffic Improvement Area Plan

3C — Long-Range Transportation Plan

3D — Rail, Truck and Transit Planning

3D – 1 — Regional Commuter Rail Feasibility Study

3D – 2 — Charlotte/Columbia Alternative Analysis

3E — Travel Demand Modeling

3F — Sustainable Communities & Scenario Planning

3G — Bike, Pedestrian, and Greenway Planning

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Safety & Security**

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3J — MPO Regional Planning Initiatives

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3L — Section 5307 ARP Planning Projects

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- 3P — Corridor Feasibility Studies**
 - 3P – 1 — US 1 Corridor Feasibility Study**
 - 3P – 2 — Corley Mill Road/Andrew Corley Road Corridor Feasibility Study**
 - 3P – 3 — SC 6 Corridor Feasibility Study**
 - 3P – 4 — US 76/176 Corridor Feasibility Study**
 - 3P – 5 — Blythewood Road/US 21 Corridor Feasibility Study**
- 3Q — Traffic Signals Operational Assessment**
- 3R — CARES Act Planning Initiatives**
- 3S — Site Selection Review and Development**
- 3T — Regional Mobility Program**
- 3U — Regional Freight Plan**
- 3V — Regional Gateways Project**
- 3W — On Call Public Participation Consultant**
- 3X — On Call Translation Services**
- 3Y — Riverbanks Land Use and Transportation Plan**
- 3Z — Interstate System Access Change Request**

**** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant****

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 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.</p> <p>Activities will include:</p> <ul style="list-style-type: none"> ➤ Air Quality Coalition ➤ Participation in the SC Energy Office Alternative Fuels Program ➤ Air Quality Assessments on the TIP and the LRTP ➤ Transportation Conformity Awareness - (to provide basic information about conformity requirements and the relationship of the transportation and air quality planning processes in order to prepare staff (and related agency personnel) on interagency collaboration and working effectively in resolving conformity issues). 			
END PRODUCT:	Continued participation in the Air Quality Coalition. Continued development and expansion of the Air Quality awareness.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$20,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$5,000.00	Local	
	Total	\$25,000.00	Total	

PROJECT NO:	3B			
PROJECT TITLE:	Columbia East Traffic Improvement Area Plan			
OBJECTIVE:	To coordinate efforts between transportation and land use to identify and address transportation issues at the county, city, and district or planning sector levels.			
METHODOLOGY:	<p>CMCOG in partnership with the City of Columbia will develop a sub-area plan that will emphasize and identify the key linkages between transportation facilities and existing and future land uses within the Garner's Ferry/VA Hospital area of the city. This plan will 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 this plan.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant**</p>			
END PRODUCT:	Published Land Use and Transportation Plan.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$120,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$30,000.00	Local	
	Total	\$150,000.00	Total	

PROJECT NO:	3C			
PROJECT TITLE:	Long Range Transportation Plan			
OBJECTIVE:				
To continue implementation of the 2045 Long Range Transportation Plan (LRTP) and begin development of the 2050 LRTP				
METHODOLOGY:				
<p>The Long Range Transportation Plan is a long-range (20+year) strategy and capital improvement program developed to guide the effective investment of public funds in multi-modal transportation facilities. The plan is updated every 5 years and may be amended as a result of changes in projected Federal, State and local funding, major improvement studies, Congestion Management Process plans, interchange justification studies, and environmental impact studies. The Plan provides the context from which the region's Transportation Improvement Program (TIP), a short-range capital improvement program for implementing highway, transit, and bikeway projects.</p> <p>The COATS MPO will continue its implementation of the 2045 Long Range Transportation Plan with was approved on December 9, 2021. The COATS MPO will begin the process of updated the LRTP to the horizon year of 2050. This update will include all requirements of the IJJA as well as any requirements as identified by SCDOT.</p> <p>The 2045 LRTP for the Columbia Urbanized Area has set investment priorities for the multimodal transportation system that connects people to places where they live, work, play, and efficiently moves goods from, to and through the region.</p> <p>The plan is updated every five years in coordination with the state, transit providers, local public agencies, freight interests, and public and private community organizations, it will:</p> <ul style="list-style-type: none"> • Assess current regional transportation system performance • Forecast future demand for regional mobility • Estimate reasonably available funding • Track progress towards system performance targets 				
END PRODUCT:				
Implementation of the 2045 Long Range Transportation Plan. Activities will be documented in the quarterly MPO Planning Reports.				
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$120,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$150,000.00	FTA (Section 5307)	
	Local	\$67,500.00	Local	
	Total	\$337,500.00	Total	

PROJECT NO:	3D			
PROJECT TITLE:	Rail, Truck and Transit Planning			
OBJECTIVE:				
To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order effectively address rail, truck and transit transportation issues for moving people and freight, as appropriate.				
METHODOLOGY:				
This is an administrative task for these proposed projects. Individual task sheets will provide more detail for the development of each project. This page serves as an overview for these proposed projects.				
<u>Passenger Rail Feasibility Assessment</u>				
CMCOG will assess the feasibility of establishing a passenger rail service through the following steps:				
<ul style="list-style-type: none"> ❖ Reviewing current and projected populations along designated corridors ❖ Analyzing freight movement ❖ Investigating funding options and opportunities ❖ Investigating interest and support in establishing service 				
<u>Charlotte-Columbia Alternative Analysis</u> – CMCOG will engage to interest of Amtrak to establish a passenger rail connector between the City of Columbia and the City of Charlotte. This connector may require a feasibility study and an engineering study to determine the type of improvements that will be needed to establish passenger rail service between Columbia and Charlotte.				
END PRODUCT:				
Technical support towards the assessment of high-capacity transit options between Columbia and designated corridors throughout the Central Midlands region. Activities will be documented in the MPO quarterly reports.				
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$35,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$8,750.00	Local	
	Total	\$43,750.00	Total	

PROJECT NO:	3D – 1			
PROJECT TITLE:	Regional Passenger Rail Feasibility Study			
OBJECTIVE:	To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order effectively address rail transit transportation issues for moving people and freight, as appropriate.			
METHODOLOGY:	<p>The study shall examine and evaluate the costs and economic opportunities related to establishing rail service between selected cities including, but not limited to: (i) the projected capital costs; (ii) the projected operating costs and revenue estimates; (iii) the projected ridership levels; (iv) the prospect of operating rail service on existing rights of way and other operational issues; (v) an estimate of the environmental impact and benefits; (vi) an analysis of community impact and benefits; (vii) the potential sources and availability of federal, state, local and private sector funding; and (viii) the resulting economic, employment, social and cultural benefits to the CMCOG counties and the State of South Carolina.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>			
END PRODUCT:	Regional Passenger Rail Plan.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$25,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$250,000.00	FTA (Section 5307)	
	Local	\$6,250.00	Local	
	Total	\$281,250.00	Total	

PROJECT NO:	3D – 2				
PROJECT TITLE:	Charlotte/Columbia Alternatives Analysis				
OBJECTIVE:					
To create a connection to the Southeastern High Speed Rail Route in Charlotte					
METHODOLOGY:					
<p>The goal of this Alternatives Analysis is to consider reasonable buildable alternatives for daily intercity rail service to the City of Charlotte, and determine which alternatives demonstrate superior performance and are worthy of more detailed evaluation in the subsequent Service Development Plan (SDP). In accordance with FRA guidance, planning for intercity rail projects must be supported by a rational planning process that establishes the Purpose and Need of the proposed project and evaluates a range of reasonable alternative improvement strategies that can meet the identified needs and accomplish the objectives.</p> <p>This Alternatives Analysis will involve six elements:</p> <ol style="list-style-type: none"> 1. Performing a market analysis to understand the current and future travel demand in the Corridor; 2. Defining the project need and purpose; 3. Identifying a range of service alternatives; 4. Developing screening criteria; 5. Conducting a two-step screening analysis; and 6. Identifying alternatives to carry forward for additional study. <p>Stakeholder outreach will be an essential element throughout the study and will inform key decisions such as the Purpose and Need, alternatives identification and screening methodology.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
A documented rail transit study.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$120,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$150,000.00	FTA (Section 5307)	
		Local	\$67,500.00	Local	
		Total	\$337,500.00	Total	

PROJECT NO:	3E				
PROJECT TITLE:	Travel Demand Modeling				
OBJECTIVE:					
To continue the efforts of migrating to a new software platform for Travel Demand Modeling and to expand upon its development.					
METHODOLOGY:					
<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 completed the development of its 2045 TransCad Travel Demand Model and will continue implementation of this transportation tool to evaluate and enhance the regional transportation system.					
Activities shall include:					
External Station Survey		Development of a TAZ Database			
Updated Population Data		Updated Employment Data			
Interim Planning Years		2045 Horizon Year			
Developing Performance Measures		Origin to Destination Survey			
This project will require the support of consultant services.					
** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*					
END PRODUCT:					
Development of a new travel demand model.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$100,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$65,000.00	FTA (Section 5307)	
		Local	\$41,250.00	Local	
		Total	\$206,250.00	Total	

PROJECT NO:	3F			
PROJECT TITLE:	Sustainable Communities & Scenario Planning			
OBJECTIVE:				
To create strong, sustainable communities by connecting housing to jobs, fostering local innovation, and helping to build a clean energy economy.				
METHODOLOGY:				
<p>Sustainable communities are places that have a variety of housing and transportation choices, with destinations close to home. As a result, they tend to have lower transportation costs, reduce air pollution and stormwater runoff, decrease infrastructure costs, preserve historic properties and sensitive lands, save people time in traffic, be more economically resilient and meet market demand for different types of housing at different prices points. Rural, suburban, and urban communities can all use sustainable community’s strategies and techniques to invest in healthy, safe and walkable neighborhoods, but these strategies will look different in each place depending on the community’s character, context, and needs.</p> <p>Developing more sustainable communities is important to our regional goals of strengthening our economy, creating good jobs now while providing a foundation for lasting prosperity, using energy more efficiently to secure energy independence, and protecting our natural environment and human health. Three federal agencies came together to create the Partnership for Sustainable Communities to help places around the country develop in more environmentally and economically sustainable ways. This task will coordinate with the communities in our region to implement the six (6) principles of livability:</p> <ul style="list-style-type: none"> • Provide more transportation choices. • Promote equitable, affordable housing. • Enhance economic competitiveness. • Support existing communities. • Coordinate and leverage federal policies and investment. • Value communities and neighborhoods. <p>This project may require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>				
END PRODUCT:				
The inclusion of a transportation element as part of the comprehensive plans that will support the principles of livability.				
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$95,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$23,750.00	Local	
	Total	\$118,750.00	Total	

PROJECT NO:	3G				
PROJECT TITLE:	Bike, Pedestrian, and Greenway Planning				
OBJECTIVE:					
To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order to effectively address pathways and greenways transportation issues. Activities under this task will also contribute to improved air quality in the MPO area.					
METHODOLOGY:					
This is an administrative task to provide input and technical assistance from a multi-modal perspective to all COATS transportation projects in order that bicycle and pedestrian travel are given appropriate consideration in any given COATS project;					
<ul style="list-style-type: none"> • Conduct data collection, identify and assess existing conditions, develop and evaluate alternatives and/or prepare recommendations as required; • Identify issues of concern within the multi-modal arena for which a focused substantive transportation study may be appropriate; • Provide staff support to multi-modal advisory committees and utilize, as appropriate, the committees as resources for providing input to specific multi-modal projects as well as multi-modal program development; and • Work with communities to develop bike and pedestrian activities. <ul style="list-style-type: none"> ▪ Complete Streets Economic Impact Analysis (3G-1) ▪ Regional Bike and Pedestrians Master Plan (3G-2) ▪ Bike and Pedestrian Conceptual Design Plans (3G-3) 					
END PRODUCT:					
Development of Bike and Pedestrian Plans for all the jurisdictions in the CMCOG region as part of the SCODT Complete Street Initiative. Development of Bike and Pedestrian Policies for comprehensive plans. Coordination of bike and pedestrian planning activities.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$25,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$6,250.00	Local	
		Total	\$31,250.00	Total	

PROJECT NO:	3G-1				
PROJECT TITLE:	Complete Streets Economic Impact Analysis				
OBJECTIVE:					
Assessing the economic impact of complete streets.					
METHODOLOGY:					
<p>Streets play a vital role in the livability, vitality, and character of neighborhoods and commercial areas. The CMCOG and COATS MPO are committed to building Complete Streets to ensure that everyone – people walking, taking the bus/train, biking, or driving – can travel safely and comfortably along and across our streets and roads. Complete Streets give people of all ages and abilities safer, cheaper, and healthier travel options. They support economic development and can incorporate environmental benefits and placemaking, which helps to create sustainable infrastructure and communities. CMCOG and COATS MPO in partnership with the South Carolina Department of Transportation (SCDOT) seeks to create streets that support community identity, promote walkability, sustainability, safety, and connectivity for all users, while fostering vibrant neighborhoods and economically prosperous commercial corridors. Having a clear understanding of the economic impacts of Complete Streets projects will empower our region to make recommendations for future equitable investments that can help stimulate economic activity in the community neighborhoods and commercial corridors. More broadly, understanding economic impacts of complete streets projects can inform decisions on land use and transportation regionwide.</p> <p>CMCOG and COATS MPO in partnership with the South Carolina Department of Transportation will implement Complete Streets projects to further community goals, including economic development. This project will analyze indicators at a local, regional, and national level of economic development activity before Complete Streets projects are implemented on selected corridors, as part of the Complete Streets Initiative. The findings of this project will inform future data collection and management, policy development, selection of corridors, and implementation of future Complete Streets projects.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
An assessment plan as to how the implementation of complete streets can provide a positive economic impact.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: CMCOG Participating Agencies: CMCOG, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$200,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$50,000.00	Local	
		Total	\$250,000.00	Total	

PROJECT NO:	3G-2				
PROJECT TITLE:	Regional Bike and Pedestrian Master Plan				
OBJECTIVE:					
To include multi-modal transportation planning in the Metropolitan Planning Organization (MPO) process, in order to effectively address pathways and greenways transportation issues.					
METHODOLOGY:					
<p>Central Midlands Council of Governments (CMCOG) in coordination and cooperation with its member governments and the South Carolina Department of Transportation will develop a Regional Bike and Pedestrian Master Plan. The purpose of this project is to create a pedestrian & bicycle master plan that will identify goals, improvement needs, and project priorities that will create a safe, accessible, and connected multi-modal transportation system within each of our communities.</p> <p>The overall transportation goal is to, “Develop a complete mobility system of transportation modes by building and upgrading the quality of transportation infrastructure through an equitable, functional, accessible, and sustainable balance of an interconnectivity of transportation modes thus improving the quality of life and movement for all residents.” The resulting plan will serve as a practical and detailed guide for community stakeholders to use in making strategic policy and project implementation decisions.</p> <p>COATS MPO will complete this analysis in partnership with SCDOT as part of their implementation plan for their complete street initiative.</p> <p>A total of \$400K was obligated for this project in FY 2023.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
Administrative and technical support in the development of the Regional Bike and Pedestrian Master Plan. Activities will be documented in the quarterly MPO Planning Reports.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: CMCOG Participating Agencies: CMCOG, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$30,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$7,500.00	Local	
		Total	\$37,500.00	Total	

PROJECT NO:	3G – 3			
PROJECT TITLE:	Bike and Pedestrian Conceptual Design Plans			
OBJECTIVE:				
Develop conceptual design plans for bike and pedestrian projects				
METHODOLOGY:				
<p>The purpose of this project is to prepare Conceptual Plans and a conceptual construction cost estimate for bike and pedestrian improvement projects. The Conceptual Plans will indicate the existing topography and other base information and illustrate the proposed work. The design will be in accordance with the current editions of SCDOT’s State Standards and the most recent edition of the Manual on Uniform Traffic Control Devices.</p> <p>Identified rights-of-ways, utilities, natural and cultural resources, and other features affecting the design will be indicated on the plans.</p> <p>The Conceptual Plans are anticipated to consist of:</p> <ul style="list-style-type: none"> • Title Page • Typical Sections for the proposed improvements • Layout Sheets showing existing and proposed features • Preliminary profile • Approximate ROW lines and construction limits (shall include supporting information addressing how right of way limits were determined) • Cross Sections <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>				
END PRODUCT:				
Development of Conceptual Design Plans.				
Project Sponsor/ Participating Agencies:		Funding Sources:		
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$150,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$37,500.00	Local	
	Total	\$187,500.00	Total	

PROJECT NO:	3H				
PROJECT TITLE:	Environmental Mitigation, Agency Consultation, and Safety & Security				
OBJECTIVE:					
Transportation Related Land Use and Environmental Planning					
METHODOLOGY:					
<p>This project is based on the recognition that the way we develop our cities, towns and suburbs has a tremendous impact on the costs and efficiency of all modes of transportation. Unplanned sprawl can have a number of effects on transportation and environmental quality, including increasing the average vehicle miles traveled, undermining efforts to provide mass transit, overburdening of roads and intersections, diminished air quality and water 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 regional transportation and environmental objectives.</p> <p>Proposed activities include:</p> <ul style="list-style-type: none"> • Preparing transportation elements for member local comprehensive plans. This will be done in coordination with overall comprehensive plan updates as well as plan amendments needed to comply with the SC Priority Investment Act, which introduces new standards for transportation and capital improvements planning. • Development of policies, proposals and programs to mitigate the environmental impacts of transportation facilities, including green infrastructure planning (linking together major, protected green spaces into a regional system); watershed-based planning; low impact development strategies; development of wetlands and stream mitigation banking opportunities, and promotion of trip-reduction strategies. 					
END PRODUCT:					
Development of environmental toolbox that will assist local governments in understanding the impact of land use development on the transportation network.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$30,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$7,500.00	Local	
		Total	\$37,500.00	Total	

PROJECT NO:	3I			
PROJECT TITLE:	Regional ITS Architecture			
OBJECTIVE:				
To explore and define transportation technologies that are used to communicate and disseminate information throughout the region.				
METHODOLOGY:				
<p>A regional ITS architecture shall be developed to guide the development of ITS projects and programs and be consistent with ITS strategies and projects contained in applicable transportation plans. The National ITS Architecture shall be used as a resource in the development of the regional ITS architecture. The regional ITS architecture shall be on a scale commensurate with the scope of ITS investment in the region. Provision should be made to include participation from the following agencies, as appropriate, in the development of the regional ITS architecture: highway agencies; public safety agencies (e.g., police, fire, emergency/medical); transit agencies; federal lands agencies; state motor carrier agencies; and other operating agencies necessary to fully address regional ITS integration.</p> <ol style="list-style-type: none"> a. Any region that is currently implementing ITS projects shall have a regional ITS architecture. b. All other regions not currently implementing ITS projects shall have a regional ITS architecture within four years of the first ITS project for that region advancing to final design. c. The regional ITS architecture shall include, at a minimum, the following: <ol style="list-style-type: none"> 1. A description of the region; 2. Identification of participating agencies and other stakeholders; 3. An operational concept that identifies the roles and responsibilities of participating agencies and stakeholders in the operation and implementation of the systems included in the regional ITS architecture; 4. Any agreements (existing or new) required for operations, including at a minimum those affecting integration of ITS projects; interoperability of different ITS technologies, utilization of ITS-related standards, and the operation of the projects identified in the regional ITS architecture; 5. Interface requirements and information exchanges with planned and existing systems and subsystems (for example, subsystems and architecture flows as defined in the National ITS Architecture); 6. Identification of ITS standards supporting regional and national interoperability; 7. The sequence of projects required for implementation of the regional ITS architecture. <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>				
END PRODUCT:				
A published Regional ITS Architecture 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 Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$20,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$200,000.00	FTA (Section 5307)	
	Local	\$5,000.00	Local	
	Total	\$225,000.00	Total	

PROJECT NO:	3J				
PROJECT TITLE:	MPO Regional Planning Initiatives				
OBJECTIVE:					
To allow the COATS MPO to be actively involved in the many important regional planning initiatives that either currently exist or may begin over the program year.					
METHODOLOGY:					
<p>Numerous significant planning initiatives either currently exist or may come to fruition over the coming program year. This project is to allow for the COATS MPO to participate in these initiatives. Additionally, member agencies may request from the MPO specific planning analysis or related activities regarding these initiatives via this task. Examples of past work that fall under this category include:</p> <ul style="list-style-type: none"> • Public Participation Plan • Translation Services • Title VI Program • Disadvantage Business Enterprise Program • Large Urban Section 5310 Program • Transportation Alternatives Program <p>Current Initiatives:</p> <ul style="list-style-type: none"> • Administering the COATS Transportation Alternatives Program • Administering the Large Urban Section 5310 Program • Implementation of the CMCOG-COATS MPO Language Assistance Plan • Regional Growth, Development, and Transportation Assessment • Development of the Performance Measures • Development of Interagency Partnerships to assist with planning and technical support • Hiring of contract employees to assist with MPO planning efforts 					
END PRODUCT:					
Implementation of regional activities such as the TAP Program. Participation in planning activities that will enhance the transportation network.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$100,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$25,000.00	Local	
		Total	\$125,000.00	Total	

PROJECT NO:	3K			
PROJECT TITLE:	Regional Resiliency Plan			
OBJECTIVE:	Development of a resiliency analysis for the Transportation Network			
METHODOLOGY:	<p>Resilience is the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.</p> <p>Due to the growing number, and associated impact, of natural disasters, increased attention and funding is being directed at improving resiliency in the transportation sector. The FAST Act expands the focus on the resiliency of the transportation system as well as activities to reduce stormwater runoff from transportation infrastructure. In addition, it requires strategies to reduce the vulnerability of existing transportation infrastructure to natural disasters. In to address this new requirement and develop transportation-sector specific resiliency best practices and strategies, the COATS MPO in partnership with its member governments will conduct a Regional Resiliency Study</p> <p>This study will use the FHWA’s Vulnerability Assessment Scoring Tool (VAST) methodology and will include consideration of exposure, sensitivity, adaptive capacity, economic impact, and risk. Resiliency recommendations will be developed based on vulnerability assessment results.</p> <p>Vulnerability assessment results will also be used to prioritize funding for transportation projects and will inform future versions of the long-range transportation plan.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>			
END PRODUCT:	A resiliency study that identifies best practices and improvement of the transportation system.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$40,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$200,000.00	FTA (Section 5307)	
	Local	\$10,000.00	Local	
	Total	\$250,000.00	Total	

PROJECT NO:	3L			
PROJECT TITLE:	Section 5307 ARP Planning Projects			
OBJECTIVE:	The develop programs, policies, and procedure that will enhance the use of federal funds to support the implementation of transit projects.			
METHODOLOGY:	<p>Section 5307 funds are available for the planning, engineering, design, and evaluation of public transportation projects and for other technical transportation related studies. Eligible activities include, but are not limited to: studies relating to management, operations, capital requirements, and economic feasibility; work elements and related activities preliminary to and in preparation for constructing, acquiring, or improving the operation of facilities and equipment; plans and specifications; evaluation of previously funded projects; job access and reverse commute projects; and other similar or related activities before and in preparation for the construction, acquisition, or improved operation of public transportation systems, facilities, and equipment.</p> <p>All planning projects carried out within the metropolitan transportation planning process that use FTA or FHWA funds must be included in the unified planning work program (UPWP), as approved by the MPO. The UPWP must include a list of the proposed planning projects, project scopes, and related costs.</p>			
END PRODUCT:	Completed studies and analysis for American Rescue Plan Projects.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$50,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$12,500.00	Local	
	Total	\$62,500.00	Total	

PROJECT NO:	3L – 1			
PROJECT TITLE:	Transit Development Long Range Plan			
OBJECTIVE:	Development of a Transit Development Long Range Plan.			
METHODOLOGY:	<p>The COMET has not prepared a formal long range transit plan since its creation in 2002. A vision was created in 2009 and a strategic plan was created in 2015 to set a framework for long range transit planning. This long range transit development plan would look beyond the recent Short Range Transit Plan that is being completed in 2022 and provide details on how to prepare The COMET to address regional traffic congestion in both Richland and Lexington Counties. This plan will also involve strategies needed to fund The COMET beyond the expiration of the Richland County Transportation Penny and beyond the means of General Fund contributions from Lexington County jurisdictions. The plan will provide a high-level overview on high-capacity transit options like high occupancy lanes, express bus, park and ride lots, bus rapid transit, streetcar, bus lanes and how to reduce growing congestion in the suburban areas of the service area, as well as identifying ways to address congestion from areas outside the service area coming into The COMET service area.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>			
END PRODUCT:	A Transit Development Long Range Plan.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$120,000.00	FTA (Section 5307)	
	Local	\$32,500.00	Local	
	Total	\$162,500.00	Total	

PROJECT NO:	3L – 2				
PROJECT TITLE:	Service and Fair Equity Analysis				
OBJECTIVE:					
Development of a Service and Fair Equity Analysis.					
METHODOLOGY:					
<p>The COMET operated 49 peak vehicles presently. Under FTA Circular 4702.1B requirements, once The COMET reaches 50 or more peak vehicles in revenue service, additional Title VI requirements apply. This Service and Fare Equity Study would involve the following:</p> <ul style="list-style-type: none"> • Collect and Report Data regarding customer demographics and travel patterns • Conduct Service and Fare Equity Analysis; • Monitor Transit Service (Threshold based). • Provide results of their monitoring program – to show how they measure up according to their own service standards and policies. • Train Planning and Development staff to prepare Title VI analysis. <p>This analysis will include the necessary survey and data collection, GIS mapping and establishment of any relevant policies and procedures to ensure compliance with FTA’s Title VI requirements. This analysis was last prepared in 2011. This analysis will also reflect the new transit system designed through the Short Range Transit Plan process as well as the current transit system in operation as of July 2022.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
A Service and Fair Equity Analysis.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024	FY 2025		
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$120,000.00	FTA (Section 5307)	
		Local	\$32,500.00	Local	
		Total	\$162,500.00	Total	

PROJECT NO:	3L - 3				
PROJECT TITLE:	Transit Safety Action Plan				
OBJECTIVE:					
Assist in the development of a Public Transportation Safety Action Plan per federal requirements.					
METHODOLOGY:					
<p>The Public Transportation Agency Safety Plans (PTASP) regulation (49 CFR Part 673) requires certain operators of public transportation systems that receive federal funds under the FTA Urbanized Area Formula Grants to develop an Agency Safety Plan (ASP) that includes the processes and procedures to implement a Safety Management System (SMS), a comprehensive, collaborative, and systematic approach to managing safety.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
A Public Transportation Safety Action Plan					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$120,000.00	FTA (Section 5307)	
		Local	\$32,500.00	Local	
		Total	\$162,500.00	Total	

PROJECT NO:	3M			
PROJECT TITLE:	Congestion Management Plan			
OBJECTIVE: To develop a congestion management plan that meets federal requirements for MPOs with population greater than 200,000.				
METHODOLOGY: A congestion management process (CMP) is a systematic and regionally-accepted approach for managing congestion that provides accurate, up-to-date information on transportation system performance and assesses alternative strategies for congestion management that meet State and local needs. A CMP is required in metropolitan areas with population exceeding 200,000, known as Transportation Management Areas (TMAs). Federal requirements state that in all TMAs, the CMP shall be developed and implemented as an integrated part of the metropolitan transportation planning process; however, Federal regulations are not prescriptive regarding the methods and approaches that must be used to implement a CMP. The CMP and planning for operations are frequently combined in metropolitan regions. The strategies that come from a CMP are often M&O strategies. The CMP uses an objectives-driven, performance-based approach to planning for congestion management. Through the use of congestion management objectives and performance measures, the CMP provides a mechanism for ensuring that investment decisions are made with a clear focus on desired outcomes. This approach involves screening strategies using objective criteria and relying on system performance data, analysis, and evaluation. The COATS MPO is obligated to have a Congestion Management Process to meet the recent federal requirement under 23 CFR 500.109 and 450.320. COATS has developed and utilized a CMP program that is incorporated by reference in the Long Range Transportation Plan (LRTP). This 2022 CMP is an update to the 2015 COATS MPO CMP based on emerging transportation planning practices as required under the Moving Ahead for Progress in the 21st Century Act (MAP-21) along with the Fixing America’s Surface Transportation Act (FAST). A total of \$250K was obligated in FY 2023.				
END PRODUCT: Updated Congestion Management Plan.				
Project Sponsor/Participating Agencies:		Funding Sources:		
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$50,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$12,500.00	Local	
	Total	\$62,500.00	Total	

PROJECT NO:	3N			
PROJECT TITLE:	Regional Growth and Development Planning			
OBJECTIVE:	Development of a regional growth and development plan through scenario planning			
METHODOLOGY:	<p>Scenario planning is an analytical tool that can help transportation professionals prepare for what lies ahead. Scenario planning provides a framework for developing a shared vision for the future by analyzing various forces (e.g., health, transportation, economic, environmental, land use, etc.) that affect growth. Scenario planning, which can be done at the statewide level or for metropolitan regions, tests various future alternatives that meet state and community needs. A defining characteristic of successful public sector scenario planning is that it actively involves the public, the business community, and elected officials on a broad scale, educating them about growth trends and trade-offs, and incorporating their values and feedback into future plans.</p> <p>Staff will develop a Regional Growth and Development Plan which would involve an evaluation of the relationship between land use, transportation, water and sewer infrastructure, economic development and environmental mitigation to better plan for regional growth and development throughout the regional transportation network. The study will include:</p> <ul style="list-style-type: none"> • Regional growth and development scenarios; • Transportation, water, and sewer infrastructure needs; • Economic development; and • Environmental mitigation measures to include incorporation of low impact development/green infrastructure concepts 			
END PRODUCT:	A Regional Growth and Development Plan.			
Project Sponsor/Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$50,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$12,500.00	Local	
	Total	\$62,500.00	Total	

PROJECT NO:	30			
PROJECT TITLE:	CMRTA Transit Planning			
OBJECTIVE:	Providing personnel and technical support for CMRTA Transit Planning Activities			
METHODOLOGY:	<p>Section 5307 funds are available for the planning, engineering, design, and evaluation of public transportation projects and for other technical transportation related studies. Eligible activities include, but are not limited to: studies relating to management, operations, capital requirements, and economic feasibility; work elements and related activities preliminary to and in preparation for constructing, acquiring, or improving the operation of facilities and equipment; plans and specifications; evaluation of previously funded projects; job access and reverse commute projects; and other similar or related activities before and in preparation for the construction, acquisition, or improved operation of public transportation systems, facilities, and equipment.</p> <p>FTA encourages recipients to use Section 5307 funds for technical studies of special interest to the transit agency, such as maintenance plan development, operational service planning, transit asset management plans, public transportation safety plans, and management and operation planning studies. FTA also encourages recipients to use program funds to supplement regular formula planning funds when the planning resources authorized by 49 U.S.C. 5305(d) are insufficient to meet such needs. Similarly, where the federal government proposes a high-cost study, such as one for major capital investments, recipients may use Section 5307 funds to supplement available formula planning funds and Federal Highway Administration (FHWA) planning funds.</p> <p>All planning projects carried out within the metropolitan transportation planning process that use FTA or FHWA funds must be included in the unified planning work program (UPWP), as approved by the MPO. The UPWP must include a list of the proposed planning projects, project scopes, and related costs.</p> <p>Funds from this project will be used to provide personnel and technical support for CMRTA.</p>			
END PRODUCT:	The Central Midlands Transit Authority will hire new and use existing personnel to provide technical support for planning activities.			
Project Sponsor/Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)	\$120,000.00	FTA (Section 5307)	
	Local	\$32,500.00	Local	
	Total	\$162,500.00	Total	

PROJECT NO:	3P				
PROJECT TITLE:	Corridor Feasibility Studies				
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>The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system.</p> <p>Based on this plan, a feasibility study may be conducted for a selected corridor. This analysis will be conducted as part of the SCDOT Feasibility Report. Selected corridors include:</p> <ul style="list-style-type: none"> ✓ US 1 (Pontiac) from Spears Creek Church Road (S-53) to Watts Hill Road (S-757). ✓ SC 6 from US 76 to SC 60 ✓ US 76/176 from Lexington County Line to Harbison Blvd ✓ Blythewood Road/US 21 from I-77 to Langford Road ✓ Corley Mill Road/Andrew Corley Road from SC 6 to US 378 & SC 6 to Corley Mill Road 					
END PRODUCT:					
Administrative support for the completion of feasibility studies for the selected corridors. Activities will be documented in the quarterly MPO Planning Reports.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$2,500.00	Local	
		Total	\$12,500.00	Total	

PROJECT NO:	3P – 1				
PROJECT TITLE:	US 1 Corridor Feasibility Study				
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: The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system. Based on this plan, a feasibility study has been requested for the US 1 Corridor near Pontiac in Richland and Kershaw Counties. This analysis will be conducted as part of the SCDOT Feasibility Report. CMCOG in partnership with SCDOT will devise a project development team that will define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis. The study will be conducted from Spears Creek Church Road (S-53) to Watts Hill Road (S-757). This project will require the support of consultant services. ** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*					
END PRODUCT: US 1 Corridor Feasibility Report.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$200,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$50,000.00	Local	
		Total	\$250,000.00	Total	

PROJECT NO:	3P – 2			
PROJECT TITLE:	Corley Mill Road/Andrew Corley Road Corridor Feasibility Study			
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>The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system.</p> <p>Based on this plan, a feasibility study has been requested for the Corley Mill Road/Andrew Corley Road Corridors in Lexington County. This analysis will be conducted as part of the SCDOT Feasibility Report. The COATS MPO will devise a project development team that will define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis.</p> <p>The study will be conducted from the following:</p> <p>(<u>Corley Mill Road</u>: North Lake Drive (SC 6) to Sunset Blvd (US 378)) (<u>Andrew Corley Road</u>: Corley Mill Road to North Lake Drive (SC 6))</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>			
END PRODUCT:	Corley Mill Road/Andrew Corley Road Corridor Feasibility Report.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$200,000.00	FHWA/FTA Consolidated	\$160,000.00
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$50,000.00	Local	\$40,000.00
	Total	\$250,000.00	Total	\$200,000.00

PROJECT NO:	3P – 3			
PROJECT TITLE:	SC 6 Corridor Feasibility Study			
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>The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system.</p> <p>Based on this plan, a feasibility study has been requested for the SC 6 Corridor in Lexington County. This analysis will be conducted as part of the SCDOT Feasibility Report. The COATS MPO will devise a project development team that will define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis.</p> <p>The study will be conducted from Dutch Fork Road (US 76) to Lake Murray Blvd (S-60).</p> <p>This project will be funded with guideshare funds.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>			
END PRODUCT:	Administrative and technical support for the completion of the SC 6 Corridor Feasibility Report. Activities will be documented in the quarterly MPO Planning Reports.			
Project Sponsor/ Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$2,500.00	Local	
	Total	\$12,500.00	Total	

PROJECT NO:	3P – 4			
PROJECT TITLE:	US 76 / 176 Corridor Feasibility Study			
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>The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system.</p> <p>Based on this plan, a feasibility study has been requested for the US 76/176 Corridor in Lexington County. This analysis will be conducted as part of the SCDOT Feasibility Report. The COATS MPO will devise a project development team that will define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis.</p> <p>The study will be conducted from Lexington County Line (US 76) to Harbison Blvd.</p> <p>This project will be funded with guideshare funds.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>				
END PRODUCT:				
Administrative and technical support for the completion of the US 76/176 Corridor Feasibility Report. Activities will be documented in the quarterly MPO Planning Reports.				
Project Sponsor/ Participating Agencies:		Funding Sources:		
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$2,500.00	Local	
	Total	\$12,500.00	Total	

PROJECT NO:	3P – 5				
PROJECT TITLE:	Blythewood Road/US 21 Corridor Feasibility Study				
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>The Central Midlands Council of Governments and Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) 2045 Long-Range Transportation Plan (LRTP) serves as the comprehensive plan for transportation investment to support the safe and efficient movement of people and goods within the CMCOG region and the Columbia urbanized area through the plan horizon year of 2045. It establishes the purpose and need for major projects included in the federal transportation funding program, identifies activities to address major transportation issues, and prioritizes investments in the transportation system.</p> <p>Based on this plan, a feasibility study has been requested for the SC 6 Corridor in Lexington County. This analysis will be conducted as part of the SCDOT Feasibility Report. The COATS MPO will devise a project development team that will define the project scope, goals and objectives, purpose and need, potential environmental, cultural, and social impacts, estimated cost, schedule, benefit/cost analysis, and risk analysis.</p> <p>The study will be conducted from the following:</p> <p>(<u>Blythewood Road</u>: I-77 to Wilson Road (US 21) (<u>Wilson Road (US 21)</u>: Blythewood Road to Langford Road (New Location)</p> <p>This project will be funded with guideshare funds.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
Administrative and technical support for the completion of the Blythewood Road/US 21 Corridor Feasibility Report. Activities will be documented in the quarterly MPO Planning Reports.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$2,500.00	Local	
		Total	\$12,500.00	Total	

PROJECT NO:	3Q				
PROJECT TITLE:	Traffic Signals Operational Assessment				
OBJECTIVE:					
Review of traffic signal operations to improve transit efficiency and reduce congestion.					
METHODOLOGY:					
<i>Traffic Signals Operational Assessment</i>					
<p>Traffic signal timing dictates how the right-of-way and capacity in the form of green time is distributed to the competing movements of signalized intersections. Signal timing must address the needs of all users including, pedestrians, bicycles, and vehicles, and in some cases must specifically accommodate, freight, transit, railroad, and emergency vehicles. An objective and performance-based approach to traffic signal timing begins with an examination of organizational goals, considers context such as user mix, land use, network configuration and traffic demand to identify appropriate operations objectives, strategies, and performance measures. The final plan will support these organization goal and develop a plan that will support a performance-based design of traffic signal timing and implementation of operations strategies.</p> <p>This project may require the support of consultant services. Staff will also coordinate with SCDOT before hiring a consultant.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
A strategic plan to improve traffic signal operations.					
Project Sponsor/Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$120,000.00	FTA (Section 5307)	
		Local	\$32,500.00	Local	
		Total	\$162,500.00	Total	

PROJECT NO:	3R				
PROJECT TITLE:	CARES Act Planning Initiatives				
OBJECTIVE:					
Develop and initiate planning initiatives that support transit and transportation planning.					
METHODOLOGY:					
<p>On Friday, March 27, 2020, the President signed the Coronavirus Aid, Relief, and Economic Security (CARES) Act into law. The CARES Act provides emergency assistance and health care response for individuals, families and businesses affected by the COVID-19 pandemic and provide emergency appropriations to support Executive Branch agency operations during the COVID-19 pandemic. Beginning January 20, 2020, all activities normally eligible under the Urbanized Area (49 USC 5307) and Rural Area (49 USC 5311) formula programs are eligible for CARES Act funding, including:</p> <ul style="list-style-type: none"> ➤ Planning ➤ Capital (preventive maintenance, rolling stock, equipment, etc.) ➤ Operating <p>CMCOG will coordinate with its member governments and FTA to implement the following projects:</p> <ul style="list-style-type: none"> • Site Selection and Development Plan • Riverbank Sub-Area Plan • Commuter Rail Feasibility Study • Regional ITS Architecture • MPO Resiliency Study <p>Please note the total amount below reflects the total CARES Act funding. Each project is described on a separate page.</p>					
END PRODUCT:					
Administrative and technical support for the completion of the FTA Cares Act funded transit/transportation planning analysis and studies. Activities will be documented in the quarterly MPO Planning Reports.					
Project Sponsor/Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA CARES (Section 5307)	
		Local	\$2,500.00	Local	
		Total	\$12,500.00	Total	

PROJECT NO:	3S				
PROJECT TITLE:	Site Selection Review and Development Plan				
OBJECTIVE:					
Evaluation and assessment to select a site for a new Intermodal Transportation Center.					
METHODOLOGY:					
<p>In September of 2016, the Central Midlands Council of Governments (CMCOG) initiated a study to examine the opportunities that a Regional Intermodal Transportation Center located in or around downtown Columbia would bring to the Central Midlands area. It was expected that such a facility not only would enhance the traveler experience and the efficiency of transportation service operators in Columbia, but also would attract transit-oriented development (TOD). Such development would be attracted because of its transportation access advantages and would be supportive of the transportation services found at the Center. Opportunities for transit-oriented design and joint development were examined in the study.</p> <p>The purpose of this study is to evaluate and assess the outcomes from the 2016 study to identify the best location for a Regional Intermodal Transportation Center and to begin the implementation process to develop that center.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
Development of a Regional Intermodal Transportation Center.					
Project Sponsor/Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$250,000.00	FTA (Section 5307)	
		Local	\$2,500.00	Local	
		Total	\$262,500.00	Total	

PROJECT NO:	3T			
PROJECT TITLE:	Regional Mobility Program			
OBJECTIVE:				
Development of a data driven assessment of congested corridors				
METHODOLOGY:				
In partnership with the COATS MPO, the South Carolina Department of Transportation (SCDOT) intends to pilot a data driven and performance-based analysis of congested corridors in the COATS MPO Planning area to identify the transportation needs and mitigation strategies to address those needs. Through this pilot, the RMP will serve as a model process for all TMAs in South Carolina.				
END PRODUCT:				
Development of a Pilot Program.				
Project Sponsor/Participating Agencies:		Funding Sources:		
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$20,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$5,000.00	Local	
	Total	\$25,000.00	Total	

PROJECT NO:	3U				
PROJECT TITLE:	Regional Freight Plan				
OBJECTIVE:					
Review of freight initiatives that effects the MPO and CMCOG planning areas					
METHODOLOGY:					
<p>Previous federal legislation made a number of changes to improve the condition and performance of the national freight network and support investment in freight-related surface transportation projects. This effort has carried over to the Infrastructure Investment and Jobs Act of 2021.</p> <p>MPOs like COATS are encouraged to develop freight plans that complement State freight plans but reflect the needs and objectives of the region. Where state plans look at a statewide system, the proposed Regional Freight Plan should look at factors affecting freight movement through, and within the region to inform the CMCOG and COATS MPO long- and short-range transportation planning efforts. The first and last mile of freight movement as well as freight movement through the region are important in determining the need for investing in the local infrastructure to facilitate efficient and effective freight movement.</p> <p>It is envisioned that the proposed regional freight plan will guide freight investments in the CMCOG and COATS MPO Planning Areas in a manner that supports goals for safety, social equity, economic productivity, and sustainable and livable communities.</p> <p>The goals, objectives and performance measures generated by the plan will provide the basis for freight project selection, funding and monitoring freight movement as it relates to the CMCOG and the COATS MPO Planning Areas.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
Regional Freight Plan					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$120,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$200,000.00	FTA (Section 5307)	
		Local	\$80,000.00	Local	
		Total	\$400,000.00	Total	

PROJECT NO:	3V			
PROJECT TITLE:	Regional Gateways Project			
OBJECTIVE:	Providing technical assistance and support to the development of regional gateways			
METHODOLOGY:	<p>The Central Midlands Council of Governments in collaboration with our member governments the Midlands Business Leadership Group, and the South Carolina Department of Transportation will be providing technical assistance and support in the management, procurement, and development of 8 gateways throughout the MPO Planning Area.</p> <p>These sites include:</p> <ul style="list-style-type: none"> • Airport Boulevard Gateway: One mile stretch beginning at I-26 & S.C. 302 continuing to the Airport Expressway • Fort Jackson Gateway: I-77 & Forest Dr. • Lexington Gateway: I-20 & U.S. 1 • Harbison Gateway: I-26 & Harbison Blvd. • Downtown Connector Gateway: I-20 & S.C. 277 • I-20 & I-26 • I-20 & I-77 • I-77 & I-26 <p>These gateways have been identified as top priorities for many of our member governments with the purpose of beautifying each regional gateway with unified landscaping and signage, starting with the gateway to Fort Jackson at Interstate 77 and the establishment of an airport corridor along Highway 302. Each gateway is highly-trafficked and located within ten miles of the South Carolina State House. These eight gateways welcome tens of thousands of military personnel and their family and friends each year, as well as every other visitor flying into Columbia, S.C.</p>			
END PRODUCT:	Administrative and technical support for the development of Regional Gateways. Activities will be documented in the quarterly MPO Planning Reports.			
Project Sponsor/Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$2,500.00	Local	
	Total	\$12,500.00	Total	

PROJECT NO:	3W				
PROJECT TITLE:	On Call Public Participation Consultant				
OBJECTIVE:					
Providing on call technical support for the COATS Transportation Program					
METHODOLOGY:					
<p>CMCOG will seek an on-call public participation consultant to assist in implementing the CMCOG Public Participation Plan and implementation of transportation planning projects. Public Participation contributes to better decisions because decision-makers have more complete information in the form of additional facts, values, and perspectives obtained through public input. They can then incorporate the best information and expertise of all stakeholders. Decisions are more implementable and sustainable because the decision considers the needs and interests of all stakeholders including vulnerable/marginalized populations, and stakeholders better understand and are more invested in the outcomes.</p> <p>The goals of the public participation consultation will include but not be limited to:</p> <ul style="list-style-type: none"> • Informing the public by providing information to help them understand the issues, options, and solutions; • Consulting with the public to obtain their feedback on alternatives or decisions • Collaborating with the public to ensure their concerns are considered throughout the decision-making process, particularly in the development of decision criteria and options; • Assisting in the development and implementation of the CMCOG-COATS MPO DBE Plan • Assisting in the development and implementation of the CMCOG-COATS MPO Title VI Plan. • Providing technical assistance and support to the CMCOG-COATS MPO Transportation Staff <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
On-Call Technical Support Services for Public Participation.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$50,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$30,000.00	FTA (Section 5307)	
		Local	\$20,000.00	Local	
		Total	\$100,000.00	Total	

PROJECT NO:	3X				
PROJECT TITLE:	On Call Translation Services (Language/Documents)				
OBJECTIVE:					
Providing on call technical support for the COATS Transportation Program					
METHODOLOGY:					
<p>The Safe Harbor Provision, as defined in the Department of Justice’s Limited English Proficiency (LEP) Guidance, is the most prevalent guideline used to establish when language assistance services are considered appropriate and define expectations for what those services would entail. The Safe Harbor Provision is triggered for each LEP language group that constitutes five percent (5%) of the total population or 1,000 persons, whichever is less, of the total population of persons eligible to be served or likely to be affected or encountered (FTA C 4702.1B, Chapter III-9).</p> <p>CMCOG will seek a translation service to assist in the efforts to communicate with individuals who have the limited ability to speak, read, or write English very well. In accordance with the CMCOG-COATS Title VI and Language Assistance Plan, CMCOG will use a translation service to assist anyone who need additional accommodations to participate in the transportation planning process.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
On Call Technical Support Services for Language and/or Document Translation.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$35,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$10,000.00	FTA (Section 5307)	
		Local	\$11,250.00	Local	
		Total	\$56,250.00	Total	

PROJECT NO:	3Y				
PROJECT TITLE:	Riverbanks Land Use and Transportation Plan				
OBJECTIVE:					
To coordinate efforts between transportation and land use to identify and address transportation issues at the county, city, and district or planning sector levels.					
METHODOLOGY:					
<p>CMCOG in partnership with the City of Columbia will develop a sub-area plan that will emphasize and identify the key linkages between transportation facilities and existing and future land uses within the Riverbanks Zoo area of the city. This plan will 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 this plan.</p> <p>This project will require the support of consultant services.</p> <p>** Please be advised that the COATS MPO will navigate either the SCDOT LPA and/or FTA Procurement Process prior to initiating any work that involves the hiring of a contractor or consultant*</p>					
END PRODUCT:					
Published Land Use and Transportation Plan.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$10,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)	\$150,000.00	FTA (Section 5307)	
		Local	\$2,500.00	Local	
		Total	\$162,500.00	Total	

PROJECT NO:	3Z				
PROJECT TITLE:	Interstate System Access Change Request				
OBJECTIVE:					
Providing on call technical support for the interstate system access change request.					
METHODOLOGY:					
<p>The purpose of this task to analyze and evaluate potential locations to determine the feasibility for future access to the interstate system.</p> <p>Provision of a change in access, particularly new access, should be considered in the context of statewide and local transportation and land use planning. The Interstate System typically serves as the backbone of the transportation network, and access to this facility can have significant impact on local and regional traffic circulation. The existing transportation planning activities provide a venue for coordination of stakeholders with divergent interests and concerns. Understanding the stakeholder interests and concerns is an important aspect of developing an informed decision about the merits of a change in access.</p> <p>Each Interstate System Access Change Request should include an analysis or confirmation of the project’s inclusion and consistency with the various transportation planning activities (long-range plan, TIP, air quality conformity plan). The planning for an Interstate access request should address the following as applicable to the proposal:</p> <ul style="list-style-type: none"> • Stakeholder and Public Involvement • Operational and Safety Analysis • Access Management • Travel Demand Forecasts • Air Quality Conformity • Environmental Impacts Assessment • Transportation System Management Assessment • Transportation Demand Management Assessment • Financial Plan (when required for project phasing) • Determination of consistency with local, regional, and/or State land use and transportation plans <p>The MPO will combine its efforts with the Council of Governments and SCDOT to evaluate potential interstate access requests throughout the CMCOG and COATS MPO planning areas.</p>					
END PRODUCT:					
On Call Technical Support Services for the interstate system access change request.					
Project Sponsor/ Participating Agencies:		Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate		FY 2024		FY 2025	
		FHWA/FTA Consolidated	\$100,000.00	FHWA/FTA Consolidated	
		FTA (Section 5307)		FTA (Section 5307)	
		Local	\$25,000.00	Local	
		Total	\$125,000.00	Total	

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UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

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 follows 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 triennial TIP during the same timeframe as SCDOT. 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:	The implementation of the TIP will include TIP amendments, publishing, advertising, reviewing, and deleting projects, and coordination with the STIP. Development of a new TIP in accordance with SCDOT.			
Project Sponsor/Participating Agencies:	Funding Sources:			
Sponsor: COATS Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$75,000.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$18,750.00	Local	
	Total	\$93,750.00	Total	

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UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

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 FY 2024 & 2025 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"> ➤ Monitoring of the Federal Highway Legislation Reauthorization ➤ Implementing the Transportation Alternatives Program ➤ Implementing the Section 5310 Program ➤ Implementing FTA and FHWA regulations 			
END PRODUCT:	<p>Various activities, technical assistance, research, analysis, published documents, memoranda, brief reports, etc., as appropriate. Including annual projects for TAP and Section 5310 into the TIP.</p>			
Project Sponsor/Participating Agencies:	Funding Sources:			
<p>Sponsor: COATS</p> <p>Participating Agencies: COATS, CMCOG Member Governments, Other agencies as appropriate</p>	FY 2024		FY 2025	
	FHWA/FTA Consolidated	\$37,800.00	FHWA/FTA Consolidated	
	FTA (Section 5307)		FTA (Section 5307)	
	Local	\$9,450.00	Local	
	Total	\$47,250.00	Total	

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UNIFIED PLANNING WORK PROGRAM

FY 2024 & 2025

6 — BUDGET TABLES

2024 & 2025 Table 1 – Summary Budget

2024 & 2025 Table 2 – Summary Budget – Federal Programs

2024 & 2025 Table 3 – IIJA Task Matrix

2024 & 2025 UPWP TABLE 1 - SUMMARY BUDGET												
TASK			FUNDING SOURCES									
ID	SUB-ID	Category	2024 FHWA/FTA Consolidated (PL)	CMCOG Match for FHWA/FTA Consolidated (PL)	Section 5307 CARES Act Funds	FTA Section 5307	2024 CMCOG Match for FTA	Total Federal Section 5307	SCDOT 5303/5304	CMCOG Match for SCDOT 5303/5304	CMCOG Total Match	Total
1		Program Administration and Support										
1A		General Administration	\$ 35,000.00	\$ 8,750.00							\$ 8,750.00	\$ 43,750.00
1B		Professional Services	\$ 135,000.00	\$ 33,750.00							\$ 33,750.00	\$ 168,750.00
1C		Public Participation	\$ 25,000.00	\$ 6,250.00							\$ 6,250.00	\$ 31,250.00
1D		UPWP Maintenance and Development	\$ 25,000.00	\$ 6,250.00							\$ 6,250.00	\$ 31,250.00
Total			\$ 220,000.00	\$ 55,000.00							\$ 55,000.00	\$ 275,000.00
2		Short-Range Transportation Planning										
2A		Data Collection, Compilation, and/or Analysis	\$ 40,000.00	\$ 10,000.00							\$ 10,000.00	\$ 50,000.00
2B		Transportation Planning Projects Implementation	\$ 40,000.00	\$ 10,000.00							\$ 10,000.00	\$ 50,000.00
2C		Geographic Information System (GIS)	\$ 40,000.00	\$ 10,000.00							\$ 10,000.00	\$ 50,000.00
Total			\$ 120,000.00	\$ 30,000.00							\$ 30,000.00	\$ 150,000.00
3		Long-Range Transportation Planning										
3A		Air Quality and Conformity	\$ 20,000.00	\$ 5,000.00							\$ 5,000.00	\$ 25,000.00
3B		Columbia East Traffic Improvement Area Plan	\$ 120,000.00	\$ 30,000.00							\$ 30,000.00	\$ 150,000.00
3C		Long-Range Transportation Plan	\$ 120,000.00	\$ 30,000.00		\$ 150,000.00	\$ 37,500.00	\$ 150,000.00			\$ 67,500.00	\$ 337,500.00
3D		Rail, Truck and Transit Planning	\$ 35,000.00	\$ 8,750.00							\$ 8,750.00	\$ 43,750.00
	3D-1	Regional Commuter Rail Feasibility Study	\$ 25,000.00	\$ 6,250.00	\$ 250,000.00			\$ 250,000.00			\$ 6,250.00	\$ 281,250.00
	3D-2	Charlotte/Columbia Alternative Analysis	\$ 120,000.00	\$ 30,000.00		\$ 150,000.00	\$ 37,500.00	\$ 150,000.00			\$ 67,500.00	\$ 337,500.00
	3E	Travel Demand Modeling	\$ 100,000.00	\$ 25,000.00		\$ 65,000.00	\$ 16,250.00	\$ 65,000.00			\$ 41,250.00	\$ 206,250.00
	3F	Sustainable Communities & Scenario Planning	\$ 95,000.00	\$ 23,750.00							\$ 23,750.00	\$ 118,750.00
	3G	Bike, Pedestrian, and Greenway Planning	\$ 25,000.00	\$ 6,250.00							\$ 6,250.00	\$ 31,250.00
	3G-1	Complete Streets Economic Impact Analysis	\$ 200,000.00	\$ 50,000.00							\$ 50,000.00	\$ 250,000.00
	3G-2	Regional Bike and Pedestrian Master Plans	\$ 30,000.00	\$ 7,500.00							\$ 7,500.00	\$ 37,500.00
	3G-3	Bike and Pedestrian Conceptual Design Plans	\$ 150,000.00	\$ 37,500.00							\$ 37,500.00	\$ 187,500.00
	3H	Environmental Mitigation, Agency Consultation, and Safety & Security	\$ 30,000.00	\$ 7,500.00							\$ 7,500.00	\$ 37,500.00
	3I	Regional Transit ITS Architecture	\$ 20,000.00	\$ 5,000.00	\$ 200,000.00			\$ 200,000.00			\$ 5,000.00	\$ 225,000.00
	3J	MPO Regional Initiatives	\$ 100,000.00	\$ 25,000.00							\$ 25,000.00	\$ 125,000.00
	3K	COATS MPO Resiliency Plan	\$ 40,000.00	\$ 10,000.00	\$ 200,000.00			\$ 200,000.00			\$ 10,000.00	\$ 250,000.00
	3L	Section 5307 ARP Planning Projects	\$ 50,000.00	\$ 12,500.00							\$ 12,500.00	\$ 62,500.00
	3L-1	Transit Development Long Range Plan	\$ 10,000.00	\$ 2,500.00		\$ 120,000.00	\$ 30,000.00	\$ 120,000.00			\$ 32,500.00	\$ 162,500.00
	3L-2	Service and Fair Equity Analysis	\$ 10,000.00	\$ 2,500.00		\$ 120,000.00	\$ 30,000.00	\$ 120,000.00			\$ 32,500.00	\$ 162,500.00
	3L-3	Transit Safety Action Plan	\$ 10,000.00	\$ 2,500.00		\$ 120,000.00	\$ 30,000.00	\$ 120,000.00			\$ 32,500.00	\$ 162,500.00
	3M	Congestion Management Plan	\$ 50,000.00	\$ 12,500.00							\$ 12,500.00	\$ 62,500.00
	3N	Regional Growth and Development Plan	\$ 50,000.00	\$ 12,500.00							\$ 12,500.00	\$ 62,500.00
	3O	CMRTA Transit Planning	\$ 10,000.00	\$ 2,500.00		\$ 120,000.00	\$ 30,000.00	\$ 120,000.00			\$ 32,500.00	\$ 162,500.00
	3P	Corridor Feasibility Studies	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3P-1	US 1 Corridor Feasibility Study	\$ 200,000.00	\$ 50,000.00							\$ 50,000.00	\$ 250,000.00
	3P-2	Corley Mill Road/Andrew Corley Road Corridor Feasibility Study	\$ 200,000.00	\$ 50,000.00							\$ 50,000.00	\$ 250,000.00
	3P-3	SC 6 Corridor Feasibility Study	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3P-4	US 76/176 Corridor Feasibility Study	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3P-5	Blythewood Road/US 21 Corridor Feasibility Study	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3Q	Traffic Signals Operational Assessment	\$ 10,000.00	\$ 2,500.00		\$ 120,000.00	\$ 30,000.00	\$ 120,000.00			\$ 32,500.00	\$ 162,500.00
	3R	CARES Act Planning Initiatives	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3S	Site Selection Review and Development	\$ 10,000.00	\$ 2,500.00	\$ 250,000.00	\$ -	\$ -	\$ 250,000.00			\$ 2,500.00	\$ 262,500.00
	3T	Regional Mobility Program	\$ 20,000.00	\$ 5,000.00		\$ -	\$ -	\$ -			\$ 5,000.00	\$ 25,000.00
	3U	Regional Freight Plan	\$ 120,000.00	\$ 30,000.00		\$ 200,000.00	\$ 50,000.00	\$ 200,000.00			\$ 80,000.00	\$ 400,000.00
	3V	Regional Gateways Project	\$ 10,000.00	\$ 2,500.00							\$ 2,500.00	\$ 12,500.00
	3W	On Call Public Participation Consultant	\$ 50,000.00	\$ 12,500.00		\$ 30,000.00	\$ 7,500.00	\$ 30,000.00			\$ 20,000.00	\$ 100,000.00
	3X	On Call Translation Services	\$ 35,000.00	\$ 8,750.00		\$ 10,000.00	\$ 2,500.00	\$ 10,000.00			\$ 11,250.00	\$ 56,250.00
	3Y	Riverbanks Land Use and Transportation Plan	\$ 10,000.00	\$ 2,500.00	\$ 150,000.00			\$ 150,000.00			\$ 2,500.00	\$ 162,500.00
	3Z	Interstate System Access Change Request	\$ 100,000.00	\$ 25,000.00							\$ 25,000.00	\$ 125,000.00
Total			\$ 2,235,000.00	\$ 558,750.00	\$ 1,050,000.00	\$ 1,205,000.00	\$ 301,250.00	\$ 2,255,000.00	\$ -	\$ -	\$ 860,000.00	\$ 5,350,000.00
4		Transportation Improvement Program (TIP)										
4A		TIP Development and Maintenance	\$ 75,000.00	\$ 18,750.00							\$ 18,750.00	\$ 93,750.00
Total			\$ 75,000.00	\$ 18,750.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,750.00	\$ 93,750.00
5		Other Activities										
5A		Miscellaneous Activities and Special Technical Assistance	\$ 37,800.00	\$ 9,450.00							\$ 9,450.00	\$ 47,250.00
Total			\$ 37,800.00	\$ 9,450.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,450.00	\$ 47,250.00
Grand Total			\$ 2,687,800.00	\$ 671,950.00	\$ 1,050,000.00	\$ 1,205,000.00	\$ 301,250.00	\$ 2,255,000.00	\$ -	\$ -	\$ 973,200.00	\$ 5,916,000.00

Compliance with the Complete Street waiver will require a minimum of \$67,195 to be spent on complete street initiatives. Projects highlighted in yellow shall qualify for the complete streets waiver with federal and state approval.

2024 & 2025 UPWP TABLE 2 - SUMMARY BUDGET - FEDERAL PROGRAMS													
TASK			2024 FHWA/FTA Consolidated (PL)	2025 FHWA/FTA Consolidated (PL)	SCDOT - State Matching Funds	Richland County Government	FTA 5316	FTA CARES ACT	FTA 5307	SCDOT 5303/5304	TOTAL FEDERAL	Total Local Match	Total
1		Program Administration and Support											
1A		General Administration	\$ 35,000.00								\$ 35,000.00	\$ 8,750.00	\$ 43,750.00
1B		Professional Services	\$ 135,000.00								\$ 135,000.00	\$ 33,750.00	\$ 168,750.00
1C		Public Participation	\$ 25,000.00								\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
1D		UPWP Maintenance and Development	\$ 25,000.00								\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
Total			\$ 220,000.00								\$ 220,000.00	\$ 55,000.00	\$ 275,000.00
2		Short-Range Transportation Planning											
2A		Data Collection, Compilation, and/or Analysis	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
2B		Transportation Projects Implementation	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
2C		Geographic Information System (GIS)	\$ 40,000.00								\$ 40,000.00	\$ 10,000.00	\$ 50,000.00
Total			\$ 120,000.00								\$ 120,000.00	\$ 30,000.00	\$ 150,000.00
3		Long-Range Transportation Planning											
3A		Air Quality and Conformity	\$ 20,000.00								\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
3B		Columbia East Traffic Improvement Area Plan	\$ 120,000.00								\$ 120,000.00	\$ 30,000.00	\$ 150,000.00
3C		Long-Range Transportation Plan	\$ 120,000.00					\$ 150,000.00			\$ 270,000.00	\$ 67,500.00	\$ 337,500.00
3D		Rail, Truck and Transit Planning	\$ 35,000.00								\$ 35,000.00	\$ 8,750.00	\$ 43,750.00
3D-1		Regional Commuter Rail Feasibility Study	\$ 25,000.00				\$ 250,000.00				\$ 275,000.00	\$ 6,250.00	\$ 281,250.00
3D-2		Charlotte/Columbia Alternative Analysis	\$ 120,000.00					\$ 150,000.00			\$ 270,000.00	\$ 67,500.00	\$ 337,500.00
3E		Travel Demand Modeling	\$ 100,000.00					\$ 65,000.00			\$ 165,000.00	\$ 41,250.00	\$ 206,250.00
3F		Sustainable Communities & Scenario Planning	\$ 95,000.00								\$ 95,000.00	\$ 23,750.00	\$ 118,750.00
3G		Bike, Pedestrian, and Greenway Planning	\$ 25,000.00								\$ 25,000.00	\$ 6,250.00	\$ 31,250.00
3G-1		Complete Streets Economic Impact Analysis	\$ 200,000.00								\$ 200,000.00	\$ 50,000.00	\$ 250,000.00
3G-2		Regional Bike and Pedestrian Master Plans	\$ 30,000.00								\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
3G-3		Bike and Pedestrian Conceptual Design Plans	\$ 150,000.00								\$ 150,000.00	\$ 37,500.00	\$ 187,500.00
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	\$ 30,000.00								\$ 30,000.00	\$ 7,500.00	\$ 37,500.00
3I		Regional Transit ITS Architecture	\$ 20,000.00				\$ 200,000.00				\$ 220,000.00	\$ 5,000.00	\$ 225,000.00
3J		MPO Regional Initiatives	\$ 100,000.00								\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
3K		COATS MPO Resiliency Plan	\$ 40,000.00				\$ 200,000.00				\$ 240,000.00	\$ 10,000.00	\$ 250,000.00
3L		Section 5307 ARP Planning Projects	\$ 50,000.00								\$ 50,000.00	\$ 12,500.00	\$ 62,500.00
3L-1		Transit Development Long Range Plan	\$ 10,000.00					\$ 120,000.00			\$ 130,000.00	\$ 32,500.00	\$ 162,500.00
3L-2		Service and Fair Equity Analysis	\$ 10,000.00					\$ 120,000.00			\$ 130,000.00	\$ 32,500.00	\$ 162,500.00
3L-3		Transit Safety Action Plan	\$ 10,000.00					\$ 120,000.00			\$ 130,000.00	\$ 32,500.00	\$ 162,500.00
3M		Congestion Management Plan	\$ 50,000.00								\$ 50,000.00	\$ 12,500.00	\$ 62,500.00
3N		Regional Growth and Development Plan	\$ 50,000.00								\$ 50,000.00	\$ 12,500.00	\$ 62,500.00
3O		CMRTA Transit Planning	\$ 10,000.00					\$ 120,000.00			\$ 130,000.00	\$ 32,500.00	\$ 162,500.00
3P		Corridor Feasibility Studies	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3P-1		US 1 Corridor Feasibility Study	\$ 200,000.00								\$ 200,000.00	\$ 50,000.00	\$ 250,000.00
3P-2		Corley Mill Road/Andrew Corley Road Corridor Feasibility Study	\$ 200,000.00								\$ 200,000.00	\$ 50,000.00	\$ 250,000.00
3P-3		SC 6 Corridor Feasibility Study	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3P-4		US 76/176 Corridor Feasibility Study	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3P-5		Blythewood Road/US 21 Corridor Feasibility Study	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3Q		Traffic Signals Operational Assessment	\$ 10,000.00					\$ 120,000.00			\$ 130,000.00	\$ 32,500.00	\$ 162,500.00
3R		CARES Act Planning Initiatives	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3S		Site Selection Review and Development	\$ 10,000.00				\$ 250,000.00				\$ 260,000.00	\$ 2,500.00	\$ 262,500.00
3T		Regional Mobility Program	\$ 20,000.00						\$ -		\$ 20,000.00	\$ 5,000.00	\$ 25,000.00
3U		Regional Freight Plan	\$ 120,000.00						\$ 200,000.00		\$ 320,000.00	\$ 80,000.00	\$ 400,000.00
3V		Regional Gateways Project	\$ 10,000.00								\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
3W		On Call Public Participation Consultant	\$ 50,000.00						\$ 30,000.00		\$ 80,000.00	\$ 20,000.00	\$ 100,000.00
3X		On Call Translation Services	\$ 35,000.00					\$ 10,000.00			\$ 45,000.00	\$ 11,250.00	\$ 56,250.00
3Y		Riverbanks Land Use and Transportation Plan	\$ 10,000.00				\$ 150,000.00				\$ 160,000.00	\$ 2,500.00	\$ 162,500.00
3Z		Interstate System Access Change Request	\$ 100,000.00								\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
Total			\$ 2,235,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,050,000.00	\$ 1,205,000.00	\$ -	\$ 4,490,000.00	\$ 860,000.00	\$ 5,350,000.00
4		Transportation Improvement Program (TIP)											
4A		TIP Development and Maintenance	\$ 75,000.00								\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
Total			\$ 75,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000.00	\$ 18,750.00	\$ 93,750.00
5		Other Activities											
5A		Miscellaneous Activities and Special Technical Assistance	\$ 37,800.00								\$ 37,800.00	\$ 9,450.00	\$ 47,250.00
Total			\$ 37,800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,800.00	\$ 9,450.00	\$ 47,250.00
Grand Total			\$ 2,687,800.00	\$ -	\$ -	\$ -	\$ -	\$ 1,050,000.00	\$ 1,205,000.00	\$ -	\$ 4,942,800.00	\$ 973,200.00	\$ 5,916,000.00
UPWP Grand Total											\$ 5,916,000.00	equals	\$ 5,916,000.00

Compliance with the Complete Street waiver will require a minimum of \$67,195 to be spent on complete street initiatives. Projects highlighted in yellow shall qualify for the complete streets waiver with federal and state approval.

2024 & 2025 UPWP TABLE 3 - IJJA TASK MATRIX														
ID	SUB-ID	Category	PLANNING FACTORS										Estimated Completion Date	*Tracking Schedule
			Economic Viability	Safety	Security	Accessibility and Mobility	Environment, Energy Conservation, Economic Development	Integration and Connectivity	System Management and Operation	System Preservation	Local Planned Growth, Housing, Economic Development			
1		Program Administration and Support												
1A		General Administration	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
1B		Professional Services	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
1C		Public Participation	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
1D		UPWP Maintenance and Development	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
2		Short-Range Transportation Planning												
2A		Data Collection, Compilation, and/or Analysis	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
2B		Transportation Projects Implementation	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
2C		Geographic Information System (GIS)	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3		Long-Range Transportation Planning												
3A		Air Quality and Conformity	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3B		Columbia East Traffic Improvement Area Plan	X	X	X	X	X	X	X	X	X	X	June-24	Technical Memos
3C		Long-Range Transportation Plan	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3D		Rail, Truck and Transit Planning	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
	3D - 1	Regional Commuter Rail Feasibility Study	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3D - 2	Charlotte/Columbia Alternative Analysis	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
3E		Travel Demand Modeling	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3F		Sustainable Communities & Scenario Planning	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3G		Bike, Pedestrian, and Greenway Planning	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
	3G - 1	Complete Streets Economic Impact Analysis	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3G - 2	Regional Bike and Pedestrian Master Plans	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3G - 3	Bike and Pedestrian Conceptual Design Plans	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
3H		Environmental Mitigation, Agency Consultation, and Safety & Security	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3I		Regional Transit ITS Architecture	X	X	X	X	X	X	X	X	X	X	October-24	PL Quarterly Report
3J		MPO Regional Initiatives	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3K		COATS MPO Resiliency Plan	X	X	X	X	X	X	X	X	X	X	November-24	PL Quarterly Report
3L		Section 5307 ARP Planning Projects	X	X	X	X	X	X	X	X	X	X	December-24	FTA Quarter Report
	3L-1	Transit Development Long Range Plan	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3L-2	Service and Fair Equity Analysis	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3L-3	Transit Safety Action Plan	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
3M		Congestion Management Plan	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
3N		Regional Growth and Development Plan	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3O		CMRTA Transit Planning	X	X	X	X	X	X	X	X	X	X	June-24	FTA Quarter Report
3P		Corridor Feasibility Studies	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
	3P - 1	US 1 Corridor Feasibility Study	X	X	X	X	X	X	X	X	X	X	September-24	Technical Memos
	3P - 2	Corley Mill Road/Andrew Corley Road Corridor Feasibility Study	X	X	X	X	X	X	X	X	X	X	September-24	Technical Memos
	3P - 3	SC 6 Corridor Feasibility Study	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3P - 4	US 76/176 Corridor Feasibility Study	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
	3P - 5	Blythewood Road/US 21 Corridor Feasibility Study	X	X	X	X	X	X	X	X	X	X	December-24	Technical Memos
3Q		Traffic Signals Operational Assessment	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3R		CARES Act Planning Initiatives	X	X	X	X	X	X	X	X	X	X	December-24	FTA Quarter Report
3S		Site Selection Review and Development	X	X	X	X	X	X	X	X	X	X	December-24	FTA Quarter Report
3T		Regional Mobility Program	X	X	X	X	X	X	X	X	X	X	December-24	PL Quarterly Report
3U		Regional Freight Plan	X	X	X	X	X	X	X	X	X	X	October-24	Technical Memos
3V		Regional Gateways Project	X	X	X	X	X	X	X	X	X	X	December-24	PL Quarterly Report
3W		On Call Public Participation Consultant	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3X		On Call Translation Services	X	X	X	X	X	X	X	X	X	X	June-24	PL Quarterly Report
3Y		Riverbanks Land Use and Transportation Plan	X	X	X	X	X	X	X	X	X	X	March-24	Technical Memos
3Z		Interstate System Access Change Request	X	X	X	X	X	X	X	X	X	X	December-24	PL Quarterly Report
4		Transportation Improvement Program (TIP)												
4A		TIP Development and Maintenance	X	X	X	X	X	X	X	X	X	X	October-24	PL Quarterly Report
5		Other Activities												
5A		Miscellaneous Activities and Special Technical Assistance	X	X	X	X	X	X	X	X	X	X	June-24	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.

2024 & 2025 UPWP TABLE 4 - FEDERAL PLANNING EMPHASIS AREAS MATRIX										
TASK			TACKLING THE CLIMATE CRISIS	EQUITY AND JUSTICE40	COMPLETE STREETS	PUBLIC INVOLVEMENT	STRAHNET AND DOD COORDINATION	FLMA COORDINATION	PEL	TRANSPORTATION PLANNING DATA
ID	SUB-ID	Category								
1		Program Administration and Support								
1A		General Administration								
1B		Professional Services								
1C		Public Participation								
1D		UPWP Maintenance and Development								
2		Short-Range Transportation Planning								
2A		Data Collection, Compilation, and/or Analysis								
2B		Transportation Projects Implementation								
2C		Geographic Information System (GIS)								
3		Long-Range Transportation Planning								
3A		Air Quality and Conformity								
3B		Columbia East Traffic Improvement Area Plan								
3C		Long-Range Transportation Plan								
3D		Rail, Truck and Transit Planning								
	3D - 1	Regional Commuter Rail Feasibility Study								
	3D - 2	Charlotte/Columbia Alternative Analysis								
3E		Travel Demand Modeling						YES		
3F		Sustainable Communities & Scenario Planning								
3G		Bike, Pedestrian, and Greenway Planning			YES					
	3G - 1	Complete Streets Economic Impact Analysis			YES					
	3G - 2	Regional Bike and Pedestrian Master Plans			YES					
	3G - 3	Bike and Pedestrian Conceptual Design Plans			YES					
3H		Environmental Mitigation, Agency Consultation, and Safety & Security							YES	
3I		Regional Transit ITS Architecture								
3J		MPO Regional Initiatives								
3K		COATS MPO Resiliency Plan	YES							
3L		Section 5307 ARP Planning Projects								
	3L-1	Transit Development Long Range Plan			YES					
	3L-2	Service and Fair Equity Analysis		YES						
	3L-3	Transit Safety Action Plan			YES					
3M		Congestion Management Plan						YES		
3N		Regional Growth and Development Plan								
3O		CMRTA Transit Planning								
3P		Corridor Feasibility Studies								
	3P - 1	US 1 Corridor Feasibility Study				YES				
	3P - 2	Corley Mill Road/Andrew Corley Road Corridor Feasibility Study				YES				
	3P - 3	SC 6 Corridor Feasibility Study				YES				
	3P - 4	US 76/176 Corridor Feasibility Study				YES				
	3P - 5	Blythewood Road/US 21 Corridor Feasibility Study				YES				
3Q		Traffic Signals Operational Assessment								
3R		CARES Act Planning Initiatives								
3S		Site Selection Review and Development								
3T		Regional Mobility Program								
3U		Regional Freight Plan								
3V		Regional Gateways Project								
3W		On Call Public Participation Consultant		YES		YES				
3X		On Call Translation Services								
3Y		Riverbanks Land Use and Transportation Plan								
3Z		Interstate System Access Change Request								
4		Transportation Improvement Program (TIP)								
4A		TIP Development and Maintenance								
5		Other Activities								
5A		Miscellaneous Activities and Special Technical Assistance								

FY 2024 & 2025 UPWP

APPROVED UPWP AMENDMENTS

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

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

