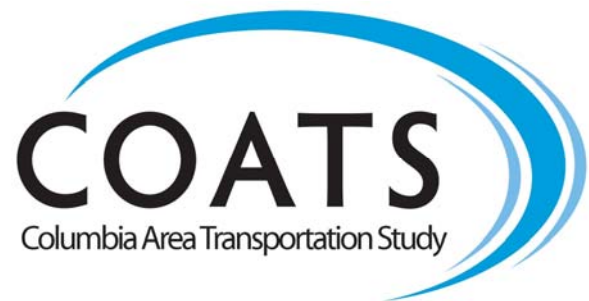


COLUMBIA AREA TRANSPORTATION STUDY

2020 – 2027

TRANSPORTATION IMPROVEMENT PROGRAM



ADOPTED: JUNE 25, 2020



CMCOG fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. For more information or to obtain a Title VI Complaint Form, please visit our website at: www.centralmidlands.org, or call 803.376.5390.

*COLUMBIA AREA
TRANSPORTATION STUDY*

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*TRANSPORTATION
IMPROVEMENT
PROGRAM*



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2020 - 2027

TRANSPORTATION IMPROVEMENT PROGRAM

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

Revision #	Approval Date	Public Review & Comment
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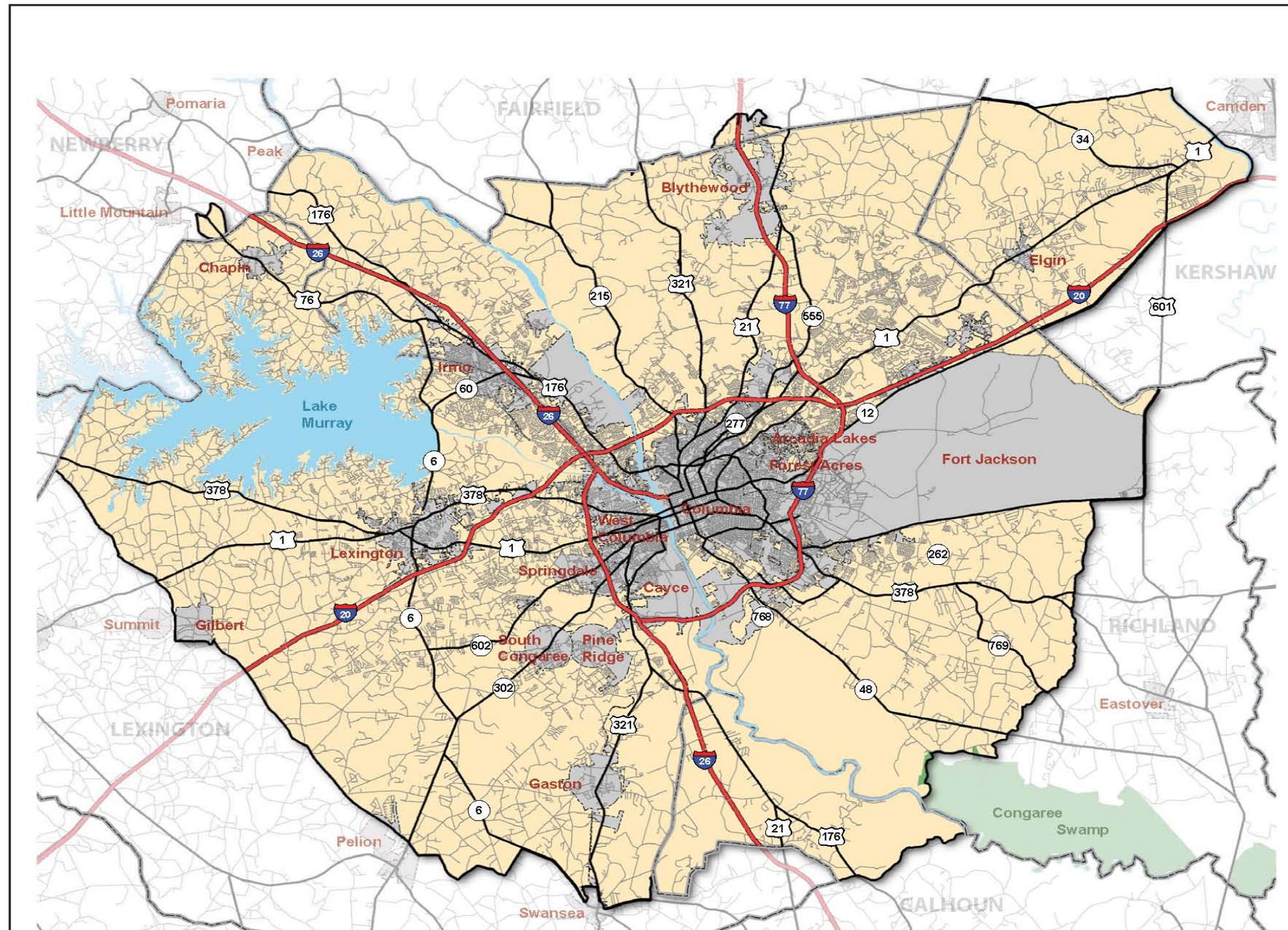
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**COLUMBIA AREA TRANSPORTATION STUDY
2020 – 2027 TRANSPORTATION IMPROVEMENT PROGRAM**

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- 2010 COATS MPO Boundary
- Municipal Boundary
- County Boundary



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COLUMBIA AREA TRANSPORTATION STUDY

METROPOLITAN PLANNING ORGANIZATION

2020 - 2027 TRANSPORTATION IMPROVEMENT PROGRAM - PURPOSE

The Central Midland Council of Governments (CMCOG) is the designated Metropolitan Planning Organization (MPO) responsible for carrying out the urban transportation planning process for the Columbia Area Transportation Study (COATS). The COATS MPO study area boundary, which appears in Figure 1, includes large portions of Richland and Lexington Counties and small portions of Calhoun, Newberry, Fairfield, and Kershaw Counties. The primary responsibilities of any MPO is to: 1) develop a Long Range Transportation Plan, which is, at a minimum, a 25-year transportation vision for the metropolitan area; 2) develop a Transportation Improvement Program, which is the agreed-upon list of specific projects for which federal funds are anticipated; and 3) develop a Unified Planning Work Program (UPWP), which identifies in a single document the annual transportation planning activities that are to be undertaken in support of the goals, objectives and actions established in the Long-Range Transportation Plan.

As the MPO, CMCOG provides the forum for cooperative decision making in developing regional transportation plans and programs to meet changing needs. It is composed of elected and appointed officials representing local, state and federal governments or agencies having interest or responsibility in comprehensive transportation planning.

MPO STRUCTURE

To facilitate and encourage maximum interaction among these groups and the local community, the CMCOG has an adopted committee structure. The Policy Committee (CMCOG Board of Directors), as the official decision-making body, establishes the policies for the overall conduct of the CMCOG, is responsible for the adoption of plans and programs and approves study recommendations. The Executive Committee is made up of Policy Committee members and provides oversight of transportation planning activities. The Transportation Subcommittee, which is established by the Policy Committee, provides a forum for discussion and resolution of relevant issues and monitors technical activities including the development of the UPWP and the Transportation Improvement Program (TIP) for recommendation to the Policy Committee. In addition, the Transportation Subcommittee directs and considers for recommendation to the Policy Committee all major studies and planning activities.

The Technical Committee, which is established by the Policy Committee, is composed of the professional/technical representatives of the member governments and public agencies having indirect responsibility for transportation planning and/or implementation. Their primary responsibility is to monitor all technical activities including the bi-annual development of a draft UPWP and triennial development of a draft TIP for recommendation to the Transportation

Subcommittee. They also consider for recommendation to the Transportation Subcommittee for further discussion and revision before submittal to the Policy Committee for final endorsement of all major studies and planning activities.

LONG RANGE TRANSPORTATION PLAN (LRTP)

The Fixing America's Surface Transportation Act (FAST Act) mandates that the MPO have a Long Range Transportation Plan (LRTP) which includes environmental, social and intermodal considerations. The LRTP must also provide a financially constrained 25-year vision of future transportation improvements.

The COATS 2040 LRTP was adopted in August 2015 and must be updated every 5 years to reflect changing conditions and new planning principals. The 2015 update established goals and objectives, which form the basis for the initial evaluation of projects submitted for the TIP. The process of undertaking major transportation studies, identifying short and long-range needs and targeting major growth areas in the COATS area for intensive study has strengthened subsequent programming for the TIP. The entire planning/programming/implementation process is clear-cut and involves input by federal, state and local governments and the public in the early planning stages, and carries through into TIP programming.

TRANSPORTATION IMPROVEMENTS PROGRAM (TIP)

The 2020 - 2027 TIP for the COATS area is a eight-year program of transportation capital projects together with an eight-year estimate of transit capital and maintenance requirements. While the TIP is usually approved triennially, the document may be amended throughout the year. Federal regulations, as well as the Metropolitan Planning Regulations mandates that a TIP comprise the following:

1. Identify transportation improvement projects recommended for advancement during the program years. The projects required are those located within the study area and receiving and Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) funds;
2. Identify the criteria and process for prioritization for inclusion of projects in the TIP and any changes from past TIPs;
3. Groups improvements of similar urgency and anticipated staging into appropriate staging periods;
4. Include realistic estimates of total costs and revenue for the program period;
5. Include a discussion of how improvements recommended from the Long Range Transportation Plan and Congestion Management Plan were merged into the plan;
6. List major projects from previous TIPs that were implemented and identify and major delays in planned implementation;

The TIP may also include regional highway projects that are being implemented by the State, City and County for which federal funding is requested.

There are seven pieces of federal legislation that significantly affect this TIP and the planning and programming of transportation projects. These include ISTEA, TEA-21, SAFETEA-LU, MAP-21, FAST Act, The Americans with Disabilities Act of 1990 (ADA), and the Clean Air Act Amendments of 1990 (CAAA).

The majority of the projects in the TIP are aimed at increasing the efficiency and safety of the existing transportation systems rather than construction of new facilities. This, in part, reflects:

1. Transportation policies to implement low-cost Transportation System Management (TSM) alternatives where feasible;
2. The limited funding resources available to meet the costs of new construction and improvements;
3. The increased concerns over congestion, the environment and air quality;
4. The enhancement of freight movement and economic development;
5. The interest of bicyclist and pedestrians; and
6. The preservation of neighborhoods.

The TIP contains all Federal Highway Administration and Federal Transit Administration transportation projects in the Columbia Metropolitan Area, which are expected to use federal, state, and local funds within the next eight-years. The projects in this TIP are programmed utilizing the following twelve (12) funding categories:

1. Coronavirus Aid, Relief, and Economic Security Act (CARES Act)
2. Congestion Mitigation Air Quality (CMAQ)
3. Federal Aid Special Appropriation (Earmarks)
4. FTA Section 5307 Capital
5. FTA Section 5309 Discretionary
6. FTA Section 5310 Enhance Mobility for Seniors
7. FTA Section 5339 Bus and Bus Facilities
8. Highway Bridge Replacement and Rehabilitation (HBRR)
9. Interstate Discretionary (ID)
10. Interstate Maintenance (IM)
11. National Highway System (NHS)
12. Surface Transportation Block Grant Program

With each program, the proposed projects represent priority regional needs identified through the comprehensive transportation planning process. The projects are identified in the tables following this narrative.

Project Screening Process

A requirement of the FAST Act Legislation is that all projects included in the TIP be subject to a systematic selection process. To meet this mandate, the CMCOG staff conducts an extensive screening process for all projects submitted for TIP funding. The CMCOG staff evaluates the projects proposals comparing the projects to the eight Planning Factors and the COATS LRTP Goals, Objectives, and Performance Measures.

Title VI Compliance

Investments made in the TIP must be consistent with federal Title VI requirements. Title VI prohibits discrimination on the basis of race, color, or national origin in programs and activities receiving federal financial assistance. Public outreach to and involvement of individuals in low income and minority communities covered under Title VI of the Civil Rights Act and subsequent Civil Rights Restoration Act, and series of federal statues enacted pertaining to environmental justice, are critical to regional planning and programming decisions. The fundamental principles of environmental justice include:

- Avoiding, minimizing or mitigating disproportionately high and adverse health or environmental effects on minority and low-income populations;
- Ensuring full and fair participation by all potentially affected communities in the transportation decision-making process; and
- Preventing the denial, reduction or significant delay in the receipt of benefits by minority populations and low-income communities.
- The decision process by which new projects are selected for inclusion in the TIP must consider equitable solicitation and selection of project candidates in accordance with federal Title VI requirements.

The COATS Title VI Plan appears on our website at www.centralmidlands.org.

ACT 114

In June 2007, state legislation was passed in South Carolina to restructure and reform SCDOT. Among the numerous provisions, Section 57-1-370 addresses the STIP development in an effort to establish a consistent process for identifying highway improvement projects. Subsection (B) (8) of this section states, “the commission shall establish a priority list of projects to the extent permitted by federal laws or regulations, taking into consideration at least the following criteria: (1) financial viability including a life cycle analysis of estimated maintenance and repair costs over the expected life of the project; (2) public safety; (3) potential for economic development; (4) traffic volume and congestion; (5) truck traffic; (6) the pavement quality index; (7) environmental impact; (8) alternative transportation solutions; and (9) consistency with local land use plans.” The MPO Policy Committee ensures that priorities from each plan consider the nine criteria prior to solicitation for public comment.

Financial Constraint

The TIP must be financially constrained, meaning that the amount of funding programmed must not exceed the amount of funding estimated to be available. In developing the 2020 - 2027 TIP, COATS has taken into consideration the transportation funding revenues expected to be available during the eight years of the TIP (Federal FY 2019 - 2020 through FY 2026 - 2027), and has found the 2020 - 2027 TIP to be financially constrained.

Should an action occur in the future that significantly affects the funding of programmed projects in the TIP, COATS along with its partners and the project sponsors would review the actual impact to the TIP. Appropriate action, such as a possible TIP amendment, addressing the funding of the affected projects would be taken at that time.

TIP Period

The number of years of programming included in the TIP varies by fund source. All eight years of programming in the 2020 - 2027 TIP, Fiscal Years (FYs) 2019-20 through 2023-24, will be officially adopted by the State as part of the Statewide Transportation Improvement Plan. In the case of some projects, carryover funding from prior TIPs is included and noted as “prior year carryover funding.” In addition, estimated funding for projects in future years (the estimated-out years of FY 2024-25 through 2026-27) is included for information.

Public Participation Process

Engaging the public early and often in the planning process is critical to the success of any transportation plan or program, and it is required by numerous State and Federal laws. Such legislation underscores the need for public participation, calling on MPOs such as the CMCOG to provide citizens, affected public agencies, representatives of transportation agencies, private providers of transportation and other interested parties with a reasonable opportunity to participate and comment on transportation plans and programs. A copy of the entire Public Participation Process for the 2020 - 2027 TIP can be found on our website at www.centralmidlands.org.

Transportation Systems Management (TSM)

The rising cost of construction and operation of new facilities coupled with federal funding levels and the social and environmental concerns of the population have led to greater emphasis on Transportation Systems Management (TSM) planning activities. The COATS TSM includes various programs and actions that are relatively low cost to implement, which realize short-term objectives, and which strive to maximize the use of existing transportation resources and to promote the efficient movement of people and goods. In general, the highway projects included in the TIP are increasing capacity, traffic operational improvements or infrastructure maintenance projects.

Public Transportation

In general, the transit projects included in the TIP are operational and capital projects that will maintain transit operations and reduce operating costs within the urbanized area. Emphasis has been placed on those projects that will increase the efficiency and effectiveness of the existing levels and quality of transit service provided within the urbanized area. With the passage of the ADA of 1991, progress was accelerated toward a comprehensive demand responsive transit network and the development of accessible line service. The Central Midlands Regional Transit Authority (CMRTA) has a fully compliant plan, which has been accepted by the FTA.

TIP AMENDMENT PROCESS AND PROCEDURES

Changes to the TIP

From time to time circumstances dictate that changes be made to the TIP following its triennial adoption. Federal regulations permit changes to the TIP if the procedures for doing so are consistent with federal requirements for TIP development and approval. These changes, or amendments, are not routine. CMCOG will consider such amendments when the circumstances prompting the change are compelling, and the change will not adversely affect air quality conformity regulations.

Proposed changes will be reviewed by CMCOG staff before any actions are considered. All changes must follow CMCOG policies on the Public Participation Process and Federal Air Quality Conformity. Changes must be consistent with the LRTP, must not adversely affect the timely implementation of Transportation Systems Management (TSM) projects, must maintain the financial constraint of the TIP, must be consistent with federal Title VI requirements, and must not adversely affect the air quality conformity finding of the TIP. Proposed additions or changes to projects must also be consistent with the rules of the particular funding program involved.

Once new projects proposed for funding are identified, and the funding committed, staff initiates the process to amend the projects and project funding in the TIP. All rules for amending new projects in the TIP are followed (Public Participation Process, Title VI requirements, LRTP consistency, air quality conformity, financial constraint, implementation of TSM projects, etc.).

When CMCOG is not involved in the programming decision associated with a project, staff relies on project sponsors to initiate a TIP amendment. If CMCOG is aware of new funding (i.e. Federal appropriations, one-time state funding programs, etc), staff may alert sponsors of the funding commitment and request that an amendment be initiated that more fully documents the project scope and funding commitment. However, generally it is up to the project sponsor to initiate amendment requests to add new funding, or make necessary adjustments to project scope, cost and schedule, as conditions warrant.

All regionally significant transportation projects and all transportation projects requiring a federal action must be included in the TIP. These projects may be added to the TIP at any time, as long as procedures for doing so are consistent with federal requirements for TIP development and approval.

TYPES OF TIP AMENDMENTS

Federal and State policies distinguish between two types of TIP amendments: Minor Amendments and Major Amendments. These types of amendments differ based on the magnitude of the proposed change and the level of review required by various federal, state and local agencies. As a general rule, significant changes to the cost, scope and schedule of a project listing requires a Major Amendment, whereas minor changes in fund sources, description, lead agency, project limits, etc. may be processed through minor amendments. Major Amendments must be approved by the Policy Committee, the South Carolina Department of Transportation (SCDOT), Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). Approval of minor amendments has been delegated to CMCOG Transportation Director and the SCDOT Office of Planning.

Proposed amendments to the Federal TIP, other than Minor Amendments, must be developed in accordance with the provisions of 23 CFR 450.326 and/or 23 CFR 450.216, and approved by the federal agencies in accordance with 23 CFR 450.220. In general terms, these regulations state the TIP may be modified at any time consistent with the procedures agreed to by the cooperating parties for developing the TIP and all other federal requirements in 23 CFR part 450 concerning the development, public participation, and federal agencies approval of the TIP.

Regardless of the type of change, all modifications must be consistent with the LRTP, must maintain the financial constraint of the TIP, must be consistent with federal Title VI requirements, and consider the affect on the air quality conformity finding of the TIP and timely implementation of TSM projects.

Minor Amendment

Minor Amendments are changes that revise project descriptions and funding source. Other types of changes that can be made through a Minor Amendment are changes to a project's lead agency, changes that split or combine more than one project, and changes to required information for grouped project listings. They take about 30 days to process and need to be approved by CMCOG's Transportation Director and the SCDOT Office of Statewide Planning.

The following changes may be made through a Minor Amendment, as long as the change occurs within the approved timeframe of the TIP, and the change does not adversely affect the timely implementation of TSM projects and air quality conformity finding of the TIP:

- Change in project sponsor or implementing agency
- Splitting or combining projects

- Change or clarification of project description-as long as the change does not significantly alter the original project intent as identified through the environmental process or impact the air quality conformity determination. Changes in project limits must be within 10 percent of the total project length, not to exceed a total of 2 miles
- Funding changes in adherence to SCDOT Policy regarding a STIP/TIP corrections
- Redirection of funds between existing phases-as long as a phase is not added or deleted

Because minor changes do not add or delete projects and do not adversely affect the timely implementation of TSM projects and air quality conformity finding of the TIP, new determinations of air quality conformity are not necessary. Federal public involvement procedures required by 23 CFR 450.316 is not necessary for minor changes.

Major Amendment

Major Amendments are changes other than Minor amendments as described. Major Amendments usually take about 90 days to process and need to be approved by the COATS Policy Committee, SCDOT, FHWA and FTA. Adding or deleting a project or changes in funding are considered to be Major Amendments.

Proposed amendments to the TIP, other than Minor Amendments, must be developed pursuant to all federal guidelines. In general terms, these regulations state the TIP may be modified at any time consistent with the procedures agreed to by the cooperating parties for developing the TIP and all other federal requirements in 23 CFR part 450 concerning the development, public participation, and federal agencies approval of the TIP.

The interagency consultation or coordination requirements of 23 CFR 450.216(c) and 23 CFR 450.22 will be followed for all Major Amendments to the TIP. In some instances, it may be necessary to perform the air quality conformity analysis to evaluate impacts to the TIP, prior to approval of an amendment.

All changes that do not fall within the category of a Minor Amendment are processed as Major Amendments. The following changes are examples of changes made through a Major Amendment:

- Adding or deleting project(s)
- Funding changes in adherence to SCDOT Policy requiring a STIP/TIP amendment
- Adding or deleting a project phase
- Significant changes in project scope, so as to alter the original intent of the project.

These amendment classifications and procedures are consistent with the Statewide TIP Guidelines South Carolina Department of Transportation (SCDOT), Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). It is intended that COATS TIP Amendment Process and Procedures follow and adhere to the provisions of the Statewide TIP Guidelines. The COATS TIP Amendment Process & Procedures appears in Appendix C.

TIP Amendment Request Submittal

To request a TIP amendment, a project sponsor must submit an amendment proposal, requesting to amend the TIP. COATS programming staff will review the submitted request for compliance with federal regulations, state statutes and regional policies, including funding completeness, impacts to air quality, financial constraint and for compliance with other federal, state and regional requirements before approving the submitted application or amendment. If the proposal is found not to conform to the funding program guidelines or is inconsistent with the financial constraint of the TIP or if the proposal violates the region's air quality conformity analysis, or adversely impact the timely implementation of TSM projects, the proposal may not be processed.

Projects that impact air quality may need to be further reviewed by the South Carolina Department of Health and Environmental Control and SCDOT. Generally, changes that require a new air quality conformity analysis will need to wait until the next TIP update.

Proposed additions or changes to projects contained in the TIP must also conform to the amendment rules of the funding program involved (e.g. if the project is funded with guideshare funds, it must also conform to the federal and state amendment guidelines before it can be processed).

RELATIONSHIP OF THE TIP TO OTHER FEDERAL AND STATE TRANSPORTATION PROGRAMS

Just as each metropolitan region is required to develop a TIP, each state is required to develop a Statewide Transportation Improvement Program (STIP) pursuant to federal regulations. The STIP includes all federally funded transportation projects from throughout the State. In South Carolina, MPO TIPs are included in the STIP without modification once approved by the relevant Metropolitan Planning Organization (COATS, in the case of the Columbia Metropolitan Area) and after the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) make their required financial constraint and air quality findings. Projects must be in the STIP before funding authorities, such as FTA, FHWA, or the South Carolina Department of Transportation (SCDOT); can “obligate” funds (i.e., commit funds to contract) and therefore, before sponsors can actually spend any of these monies.

Current SCDOT Timeline for Processing STIP Amendments

Step 1 – Commission approves draft list of projects and grants permission to initiate 21-day public comment period. The public comment period typically starts the day after the Commission meeting (Commission generally meets on the 3rd Thursday on each month)

Step 2 - A draft STIP Revision including the list of new projects is submitted to management following the completion of the 21-day comment period to review and approve as an action item for the next scheduled Commission meeting. The Commission is provided a summary report of all substantive public comments pertaining to the revision.

Step 3 – The STIP revision is approved by the Commission at their next scheduled meeting and sent to FHWA and FTA for final approval.

SCDOT's Public Notification Process for STIP Revisions

The Communications Office distributes a press release announcing the proposed STIP revision to print, TV, and radio media. The press release directs interested parties to three options for viewing the STIP revision, including the SCDOT website, the ten Councils of Governments offices, or the seven SCDOT District Engineering Offices. In addition, e-mail notification of the STIP revision is sent directly to stakeholders who have been identified or requested direct announcement (See Public Participation Plan for list of media and stakeholders).

Process for MPOs to include/revise Statewide Program Projects in TIPs

The COATS MPO will allow all statewide program projects identified as Interstate Improvements, Interstate Maintenance, Bridge Replacement, Bridge Jackings, Interchange Improvements, Pavement Management, and Safety to be included in MPO TIPs as administrative corrections. This approach is based on the fact that Systems Preservation and Safety activities are consistent with Statewide and MPO long-range plan goals and objectives. The MPO may provide the Policy Committee notification of the administrative correction at the next scheduled meeting or as determined appropriate. The MPO will be notified of any maintenance projects that will require road closures or detours during the construction phase. Notification will be provided during the NEPA process as the project scope is defined.

Any proposed capacity projects included in statewide programs will be provided to the MPO policy committee for consideration prior to any STIP action. The MPO should also determine that the capacity project is included in their long-range plan. If the MPO is satisfied that SCDOT's public involvement process is sufficient, the MPO may initiate a TIP change to include the project(s) following the public comment period. All substantive comments received from SCDOT's public involvement process will be shared with the MPO. The MPO may also choose to supplement SCDOT's public comment process to satisfy local public participation requirements.

Revisions of statewide program projects already included in the MPO TIP and the STIP may involve changes to budgets, termini, schedules, or project scope. Based on the extent of the change, SCDOT will determine if the revision should require additional public comment and approval of the MPO Policy Committee.

The Planning Office will notify the MPO of proposed actions involving new statewide program projects following the Commission's approval of the draft list(s) – (Step 1). Revisions to statewide program projects already included in the MPO TIP and STIP will be communicated to the MPO once the change has been determined necessary by the Director of Preconstruction.

Revised Process for TIP and STIP Statewide Program Project Approvals

To ensure the proper sequence of statewide program project approvals within MPO study areas, all STIP revisions submitted to FHWA and FTA for final approval will only include projects that have been incorporated in local MPO TIPs, either by administrative correction or formal policy committee approval. Statewide program projects that have not been included in MPO TIPs will be withheld from the STIP until such time that the MPO has taken the necessary steps to incorporate the project(s) in the TIP.

FAST ACT PERFORMANCE NARRATIVE

PERFORMANCE MEASURE 1 – SAFETY (PM-1)

COATS has adopted SCDOT's statewide safety targets for all public roads. The latest five-year average safety statistics for COATS (2012-2016) indicate 90 fatalities, a 1.35 fatality rate, 257.2 serious injuries, a 3.86 serious injury rate, and 43.2 fatality/serious injuries for non-motorized users.¹

The top factors for fatal and serious injury collisions in the COATS area are Driving at Night, Roadway Departure, and Unrestrained Motor Vehicle Occupants. Based on a 2017 traffic safety audit² of COATS conducted by SCDOT's Highway Safety Program, 1507 fatal and serious injury collisions occurred in the COATS area. Additional factors for fatal and serious injury collisions having a 20% or higher rate include:

1. Young Drivers (31% higher);
2. Intersection crashes (28% higher) and
3. Impaired Driving (23% higher)
4. Too Fast for Conditions (23% higher)

COATS is currently completing system upgrades for three (3) roadway corridors totaling approximately 13 miles, six (6) intersection improvements, installing thirty-five (35) adaptive signals, and implementing a downtown signal systems project.

More than half of crashes in COATS (79%) occurred on Primary Roads (US and Secondary Routes). However, these crashes cover only half 50% (2,760.5) of the total COATS mileage. The three (3) areas with the highest engineering priorities include:

1. Road Departure (39%)
2. Intersections (21%)
3. Access Management (19%)

¹ Fatality Rate and Serious Injury Rate are per 1 million vehicle miles traveled.

A total of 584 fatal and serious injury crashes have occurred through roadway departure. Approximately 77% of these crashes encountered fixed objects. While all projects include a consideration of safety in the design process, SCDOT ensures that widening projects such as Hardscrabble Road, Leesburg Road, and Columbia Avenue will have paved shoulders and adequate clear zones. Fifty (50%) percent of the fixed objects crashes involves trees. Enhance signing and markings will be included at major intersections and rumble strips or another type of friction will be provided along the shoulders. Projects within the COATS MPO that will help improve safety are: Hardscrabble Road which is currently under construction; Leesburg Road which is ready to be let for construction; and Columbia Avenue which is currently in the design stage.

A total of 315 fatal and serious injury crashes have occurred at intersections in the COATS region. Though 34% of all intersection crashes occur on six corridors, the COATS MPO has funded 35 adaptive signals that will have an impact on three of those corridors (US 378, SC 6, US 1). The SCDOT Safety Office has also installed three roundabouts in the COATS region. These roundabouts will produce a 66% reduction in total crashes and 100% reduction in fatal crashes.

A total of 290 fatal and serious injury crashes have occurred through access management. Fifty-five (55%) percent of those crashes have been rear end collisions. The COATS MPO has addressed access management with the completion of intersection improvement projects at Old Orangeburg Road & Bill Williamson Court, Harbison Boulevard & Park Terrance/Columbiana Entrance, US 1 & Oak Drive and US 378 & Fairlane Drive/Summer Place Drive.

As a result, it is expected that the projects completed will contribute to reducing the total number and rate of fatalities and serious injuries in the COATS MPO with a positive benefit to the statewide metrics. Continuous long-term safety performance for COATS will be influenced by changes in population and employment locations as well as travel demand management strategies in conjunction with our congestion management plan and our metropolitan transportation plan.

PERFORMANCE MEASURE 2 – SYSTEM CONDITION (PM-2)

Pavement Quality

COATS has adopted the statewide pavement targets for the non-interstate NHS system. The statewide 2016 baseline for pavement condition on the non-interstate NHS system is 10.3% Good Condition and 2.6% Poor Condition. The statewide 4-year target for pavement condition on the non-interstate NHS system is 21.1% Good Condition and 4.6% Poor Condition.

Based on SCDOT's FY 2018 TAMP data, COATS falls below both the Good and Poor Condition targets, with non-interstate NHS system Pavement Quality at 2.7% in Good Condition and 12.3% in Poor Condition. Based on SCDOT processes and timelines for selecting pavement improvement projects including reconstruction, rehabilitation, and preservation, COATS has 13 miles of resurfacings along three road widening projects that will have a positive impact on non-

² Data utilized in this review was from calendar years 2012-2016.

interstate NHS pavements. COATS also works closely with the County Transportation Committees and SCDOT to identify additional projects on an annual basis. As well, the COATS

MPO will continue to coordinate with Richland County whose penny sales tax program will invest millions of dollars on non-interstate NHS system resurfacing and road improvement projects.

COATS has also adopted statewide 4-year targets for Interstate pavement conditions of 71.0% in Good Condition and 3.0% in Poor Condition. COATS falls below the statewide Good Condition targets according to the FY 2018 TAMP, with 69.7% of Interstate NHS highways within the MPO considered to be in Good Condition. COATS exceeds the statewide Poor Condition target with 1.0% of Interstate highways considered to be in Poor Condition. This trend is expected to continue with the billion dollars being invested by SCDOT into the Carolina Crossroads project and resurfacing and widening projects along I-77 (I-26 to I-20) and I-26 (Irmo to Little Mountain) respectively.

Bridge Condition

COATS has adopted the statewide Bridge Condition targets for NHS bridges. The statewide baseline for bridges on the non-interstate NHS system is 41.6% Good Condition and 4.2% in Poor Condition. The statewide 4-year target for Bridge Condition on the non-interstate NHS system is 42.7% Good Condition and 6.0% Poor Condition.

Based on SCDOT's FY 2018 TAMP data, COATS exceeds the Good Condition target but falls below the Poor Condition target, with non-interstate NHS system bridge condition at 68.8% in Good Condition and 7.2% in Poor Condition.

SCDOT and COATS have programmed for replacement, eleven (11) NHS bridges within the MPO boundary. Of these eleven bridge replacement projects, four (4) are expected to be completed within the 2018-2021 TAMP performance period. As a result, COATS activities would have a positive impact on achieving the 2 and 4-year statewide bridge targets within this time-frame.

PERFORMANCE MEASURE 3 – RELIABILITY (PM-3)

COATS has adopted SCDOT's statewide reliability targets for person miles traveled on the Interstate NHS system. The state baseline for this category 94.8% reliable, and the 4-year state target is 90% reliable. Based on SCDOT's final FY 2018 TAMP data, COATS is above the statewide baseline and the state goal, with Interstate NHS roadways current 95.4% reliable. Interstate reliability is expected to continue in the COATS area with the I-20 widening and reconstruction project; I-26 widening project, and the resurfacing of I-77.

COATS has adopted SCDOT's statewide reliability targets for person miles traveled on the non-interstate NHS system. The state baseline for this category is 89.8% reliable, and the 4-year state target is 81% reliable. Based on SCDOT's final FY 2018 TAMP data, COATS is below the

statewide baseline with NHS roadways current 81.3% reliable. Resurfacing of portions of US 378 [both east and west of Columbia] and US 601 [next to Fort Jackson] will improve COATS non-interstate NHS reliability.

For the NHS system, the COATS area includes two (2) intersections improvement [US 378 and SC 6 in the Town of Lexington]; US 378 and Harmon Road –S-86 and one (1) signal upgrade [US 378 and St Peters Church Road/Charter Oak Road- S-204] that are either under construction or in pre-construction that are anticipated to have a positive impact on COATS' NHS reliability within the 4-year target timeframe.

CONCLUSION

The proactive cooperation of the CMCOG member governments and the CMCOG Staff will continue to contribute to better transportation infrastructure and mobility in Columbia Metropolitan Area. With the completion of the projects contained in the TIP, the region can look forward to improved connectivity between modes, improved air quality and mobility, as well as improved infrastructure.

2020 – 2027 TIP

FINANCIAL SHEETS

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.

2020 - 2027 MPO GUIDESHARE PROJECTS SUMMARY SHEET - SIGNAL SYSTEM IMPROVEMENTS (Part 1 of 3)

Policy Committee Action: June 25, 2020
Amended Action: August 27, 2020

COATS PIN #	Priority	Project Type	Jurisdiction	Project name		Previous Obligations	Funding (in 1,000s)							Other Sources of Funding	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	COST TO		
							2020	2021	2022	2023	2024	2025	2026				2027	COMPLETE (2028+)	Funding
		Signals	COATS MPO	Columbia Communications Upgrade Signal System Improvements	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	750	0	0	0	0	0	0	0	0	0	0	0		
					Total	750	0	0	0	0	0	0	0	0	0	0	0		
0036771		Signals	COATS MPO	Downtown Columbia Signal System Improvements Phase I	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	104	0	0	0	0	0	0	0	0	0	0	0		
					Total	104	0	0	0	0	0	0	0	0	0	0	0		
P027476		Signals	COATS MPO	Two Notch Road Signal Systems Improvements	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	145	0	0	0	0	0	0	0	0	0	0	0		
					Total	145	0	0	0	0	0	0	0	0	0	0	0		
P028100		Signals	Lexington County	US 378/Corley Mill Road Signal Systems Improvements	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	263	0	0	0	0	0	0	0	0	0	0	0		
					Total	263	0	0	0	0	0	0	0	0	0	0	0		
P027390		Signals	Town of Lexington	Adaptive Signals Phase I Signals 1 thru 19 of a total 35	PE	475	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	1,637	0	0	0	0	0	0	0	0	0	0	0		
					Total	2,112	0	0	0	0	0	0	0	0	0	0	0		
P028102		Signals	Town of Lexington	Adaptive Signals Phase II Signals 20 thru 35 of a total 35	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	459	0	0	0	0	0	0	0	0	0	0	0		
					Constr	2,645	0	0	0	0	0	0	0	0	0	0	0		
					Total	3,104	0	0	0	0	0	0	0	0	0	0	0		
P0277797		Signals	COATS MPO	Downtown Columbia Signal System Improvements Phase II	PE	240	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	240	0	0	0	0	0	0	0	0	0	0	0		
				TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	0	0	0	0	0	0	0	0	0	0	0	0		
				Total Signal Systems	PE	715	0	0	0	0	0	0	0	0	0	0	0		
					ROW	459	0	0	0	0	0	0	0	0	0	0	0		
					Constr	5,544	0	0	0	0	0	0	0	0	0	0	0		
					Guideshare - Signal Systems	Subtotal	6,718	0	0	0	0	0	0	0	0	0	0		

KEY: PE - Preliminary Engineering ROW - Right of Way Constr - Construction

2020 - 2027 MPO GUIDESHARE PROJECTS SUMMARY SHEET - INTERSECTION IMPROVEMENTS (Part 2 of 3)

Policy Committee Action: June 25, 2020
Amended Action: August 27, 2020

COATS PIN #	Priority	Project Type	Jurisdiction	Project name	Previous Obligations	Funding (in 1,000s)								Other Sources of Funding	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	COST TO			
						2020	2021	2022	2023	2024	2025	2026	2027				COMPLETE (2028+)	Funding		
0041507		Intersection	Lexington County	Old Orangeburg Road at Bill Williamson Court	PE	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	170	0	0	0	0	0	0	0	0	0	0	0	0			
				Constr	1,600	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	1,770	0	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
0041502		Intersection	Richland County	Leesburg Road at Patricia Drive	PE	700	0	0	0	0	0	0	0	0	0	0	0			
				ROW	1,266	15	0	0	0	0	0	0	0	0	0	15	0	0		
				Constr	0	0	700	700	700	0	0	0	0	0	0	2,100	2,100	0	STBGP	
				Constr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	AC	
Total					1,966	15	700	700	700	0	0	0	0	0	2,115	2,100				
			TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Constr	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
			TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Constr	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Local	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total					0	0	0	0	0	0	0	0	0	0	0	0		STBGP		
	Intersection		CLOSED PROJECTS	PE	75	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	50	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Constr	911	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	1,036	0	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
		COATS MPO	Operational/Safety/ Maintenance Improvements	PE	0	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Constr	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
			Total Intersections	PE	775	0	0	0	0	0	0	0	0	0	0	0	0			
				ROW	1,486	15	0	0	0	0	0	0	0	0	0	15	0	0		
				Constr	2,511	0	700	700	700	0	0	0	0	0	0	2,100	2,100	0		
				Guideshare - Intersections	Subtotal	4,772	15	700	700	700	0	0	0	0	0	0	2,115	2,100		

KEY: PE - Preliminary Engineering ROW - Right of Way Constr - Construction

2020 - 2027 MPO GUIDESHARE PROJECTS SUMMARY SHEET (Part 3 of 3)

Policy Committee Action: June 25, 2020
Amended Action: November 2, 2020

PIN #	COATS Priority	Project Type	Jurisdiction	Project name		Previous Obligations	2020	2021	2022	Funding (in 1,000s)		2025	2026	2027	Other Sources of Funding	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	COST TO COMPLETE (2028+)	Funding
26215		Widening	Lexington County	SC 6 (I-20 to SC 602)	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	0	0	0	0	0	0	0	0	0	0	0	0		27 In 7 Bonding Program & STBGP
0022875 / 0022874		Widening	Lexington County	SC 602 Extension Platt Spring Road Widen to 5 Lanes	PE	1,897	-38	0	0	0	0	0	0	0	0	-38	0		
					ROW	7,956	-472	0	0	0	0	0	0	0	0	-472	0		
					Constr	16,376	0	0	0	0	0	0	0	0	0	0	0		
					Total	26,229	-510	0	0	0	0	0	0	0	0	-510	0		27 In 7 Bonding Program & STBGP
0039333		Widening	Richland County	*Hardscrabble Road	PE	4,000	0	0	0	0	0	0	0	0	0	0	0		
					ROW	16,126	0	0	0	0	0	0	0	0	0	0	0		
				Widen to 5 Lanes	Constr	33,980	6,667	0	0	0	0	0	0	0	0	6,667	0		
					RC Penny	27,239	0	0	0	0	0	0	0	0	0	0	0		Richland County Penny Sales Tax
					Total	81,345	6,667	0	0	0	0	0	0	0	0	6,667	0		STBGP
P039032		Widening	Richland County	**Leesburg Road Farmount to Lower Richland	PE	4,365	0	0	0	0	0	0	0	0	0	0	0		
					ROW	4,347	1,370	0	0	0	0	0	0	0	0	1,370	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		AC
				Widen to 5 Lanes	Constr	225	0	14,082	14,082	14,082	0	0	0	0	0	42,246	42,246		STBGP
					RC Penny	0	0	4,000	0	0	0	0	0	0	0	4,000	4,000		Richland County Penny Sales Tax
					Total	8,937	1,370	18,082	14,082	14,082	0	0	0	0	0	47,616	46,246		
0042383		Widening	Lexington County	Columbia Avenue (S-48)	PE	2,800	1,500	0	0	0	0	0	0	0	0	1,500	0		
					ROW	0	0	5,000	5,000	0	0	0	0	0	0	10,000	10,000		
				Widen to 5 Lanes	Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	8,175	8,175	8,175	8,175	0	0	0	24,525	32,700		
					Total	2,800	1,500	5,000	13,175	8,175	8,175	8,175	0	0	0	36,025	42,700		STBGP
0041846		Safety	City of Columbia	Bluff Road Sidewalk	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	1,000	0	0	0	0	0	0	0	0	0	0	0		
					RC CTC	800	0	0	0	0	0	0	0	0	0	0	0		Richland County CTC
					RC Penny	3,710	0	0	0	0	0	0	0	0	0	0	0		Richland County Penny Sales Tax
					Total	5,510	0	0	0	0	0	0	0	0	0	0	0		STBGP
P027229		Interchange	Lexington County	I-26 Exit 119	PE	4,700	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	1,700	0	0	0	0	0	0	0	0	1,700	0		
					Constr	0	0	0	0	10,000	10,000	10,000	10,000	0	0	20,000	40,000		
				CMCOG Rural Program	Local	0	4,000	0	0	0	0	0	0	0	0	4,000	0		CMCOG Rural Program
					Total	4,700	5,700	0	0	10,000	10,000	10,000	10,000	0	0	25,700	40,000		STBGP
P037873		Safety	City of Columbia	Assembly Street Phase II	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	3,000	0	0	0	0	0	0	3,000	3,000		
				Richland County CTC	Tax	0	0	0	9	0	0	0	0	0	0	9	9		Richland County CTC
					Total	0	0	0	3,009	0	0	0	0	0	0	3,009	3,009		STBGP
P029873		Safety	City of Columbia	South Main Street	PE	0	115	0	0	0	0	0	0	0	0	115	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	5,885	0	0	0	0	0	0	0	0	5,885	0		STBGP
					Local	0	443	0	0	0	0	0	0	0	0	443	0		University of South Carolina
					SCDOT TAP	604	1,108	0	0	0	0	0	0	0	0	1,108	0		SCDOT TAP Program
					Earmark	0	3,785	0	0	0	0	0	0	0	0	3,785	0		Federal Earmark
					Administration	0	767	0	0	0	0	0	0	0	0	767	0		Department of Administration
					RC Penny	0	362	0	0	0	0	0	0	0	0	362	0		Richland County Penny
					Total	604	12,465	0	0	0	0	0	0	0	0	12,465	0		
				Leesburg Road Demolition & Structures	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	190	0	0	0	0	0	0	0	0	0	0	0		
					Local	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	190	0	0	0	0	0	0	0	0	0	0	0		STBGP
				TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Local	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
				TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	0	0	0	0	0	0	0	0	0	0	0		
					Local	0	0	0	0	0	0	0	0	0	0	0	0		
					Total	0	0	0	0	0	0	0	0	0	0	0	0		STBGP
				CLOSED PROJECTS	PE	8,976	0	0	0	0	0	0	0	0	0	0	0		
					ROW	23,352	0	0	0	0	0	0	0	0	0	0	0		
					Constr	159,304	0	0	0	0	0	0	0	0	0	0	0		
					Total	191,632	0	0	0	0	0	0	0	0	0	0	0		STBGP
				Total Roadways	PE	28,228	1,577	0	0	0	0	0	0	0	0	1,577	0		
				Total Roadways	ROW	53,726	2,613	5,000	5,000	0	0	0	0	0	0	12,613	10,000		
				Total Roadways	Constr	219,130	12,552	14,782	25,957	32,957	18,175	18,175	10,000	0	0	104,423	120,046		
				Guideshare - Roadways	Subtotal	301,084	16,742	19,782	30,957	32,957	18,175	18,175	10,000	0	0	118,613	130,046		
				COATS MPO	Debt Service	PE	0	0	0	0	0	0	0	0	0	0	0		
					ROW	0	0	0	0	0	0	0	0	0	0	0	0		
					Constr	0	3,399	3,404	1,284	1,284	0	0	0	0	0	9,371	5,972		
					Total	0	3,399	3,404	1,284	1,284	0	0	0	0	0	9,371	5,972		
				Guideshare (Total - \$153,600)		0	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	0	96,000	134,400		
				Carryover Available		0	34,188	33,247	29,261	16,220	1,179	2,204	3,229	12,429	0	114,095	97,769		
				Additional or Transferred Funds		0	0	0	0	0	0	0	0	0	0	0	0		
				Guideshare Subtotal		0	20,141	23,186	32,241	34,241	18,175	18,175	10,000	0	0	127,984	136,018		
				Balance (Available Funds)		0	33,247	29,261	16,220	1,179	2,204	3,229	12,429	31,629	0	82,111	96,151		

* Please note \$27 million will be added to the construction phase of this project from the Richland County Sales Tax. This funding is also shown in the non-federal appropriations section of this document.

** Please note \$4 million will be added to the construction phase of this project from the Richland County Sales Tax. This funding is also shown in the non-federal appropriations section of this document.

***Please be advised that the base year obligations carryover balance may be adjusted to allow this guideshare sheet to equal the same carryover balances as shown on SCDOT's Quarterly Financial Statement.

KEY: PE - Preliminary Engineering ROW - Right of Way Constr - Construction

Policy Committee Action: June 25, 2020
Amended Action: October 26, 2020

*Please note that the AC Funded Amount is not calculated in the final total.

KEY: PE- Preliminary Engineering ROW - Right-of-Way Constr - Construction

2020 - 2027 PROJECTS EXEMPT FROM GUIDESHARE SUMMARY SHEETS (INTERSECTIONS & SAFETY PROJECTS)

Policy Committee Action: June 25, 2020
Amended Action: October 26, 2020

PIN #	Project name		Previous Obligations	Funding (In Actual Dollar Amounts)					TIP COST			SCDOT STIP		Remaining	
				2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)	Cost (2028+)	Funding
P039379	US 21 (Charleston Hwy & S-1258 (Old Wire Road) Intersection Improvement Lexington County	PE	0	200,000	0	0	0	0	0	0	0	200,000	0	0	HSP
		ROW	0	0	100,000	0	0	0	0	0	0	100,000	100,000	0	
		Constr	0	0	0	2,000,000	0	0	0	0	0	2,000,000	2,000,000	0	
		Total	0	200,000	100,000	2,000,000	0	0	0	0	0	2,300,000	2,100,000	0	
P037895	S-10 Harden St Bike/Ped Safety Project/RSA City of Columbia	PE	0	100,000	0	0	0	0	0	0	0	100,000	0	0	HSP
		ROW	0	0	50,000	0	0	0	0	0	0	50,000	50,000	0	
		Constr	0	0	0	750,000	0	0	0	0	0	750,000	750,000	0	
		Total	0	100,000	50,000	750,000	0	0	0	0	0	900,000	800,000	0	
P0380277	US 21 Blossom Street Bike/Ped Safety Project/RSA City of Columbia	PE	0	250,000	0	0	0	0	0	0	0	250,000	0	0	HSP
		ROW	0	0	50,000	0	0	0	0	0	0	50,000	50,000	0	
		Constr	0	0	0	1,500,000	0	0	0	0	0	1,500,000	1,500,000	0	
		Total	0	250,000	50,000	1,500,000	0	0	0	0	0	1,800,000	1,550,000	0	
P039375	SC 16 (Marshall/Academy St) & S-228 (Colonial Drive) Intersection Improvement City of Columbia	PE	0	50,000	0	0	0	0	0	0	0	50,000	0	0	HSP
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	200,000	0	0	0	0	0	0	200,000	200,000	0	
		Total	0	50,000	200,000	0	0	0	0	0	0	250,000	200,000	0	
	S-63 Alpine Road & S-1026 Old Percival Road Intersection Improvement Richland County	PE	0	0	0	0	0	0	0	0	0	0	0	0	NHS
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	1,000,000	0	0	0	0	0	0	0	0	0	0	0	
		Total	1,000,000	0	0	0	0	0	0	0	0	0	0	0	
P038034	I-20 Safety Improvements Kershaw County	PE	50,000	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	6,000,000	0	0	0	0	0	0	0	0	0	0	0	
		Total	6,050,000	0	0	0	0	0	0	0	0	0	0	0	
P029011	S-492 Zimacrest Drive & S-2892 Browning Road Intersection Improvement Richland County	PE	0	0	0	0	0	0	0	0	0	0	0	0	NHS
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	0	0	0	0	0	0	0	0	0	0	0	
P037189	US 1 (S-1720 Atrium Way to S-2271 Risdon Way) Intersection Improvement Richland County	PE	300,000	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	50,000	0	0	0	0	0	0	50,000	50,000	0	
		Constr	0	0	1,000,000	0	0	0	0	0	0	1,000,000	1,000,000	0	
		Total	300,000	0	1,050,000	0	0	0	0	0	0	1,050,000	1,050,000	0	
P037186	US 1 (S-1508 Ermine Rd to S-741 Alexandria St.) Intersection Improvement Richland County	PE	300,000	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	396,000	0	0	0	0	0	0	396,000	396,000	0	
		Constr	0	0	3,500,000	0	0	0	0	0	0	3,500,000	3,500,000	0	
		Total	300,000	0	3,896,000	0	0	0	0	0	0	3,896,000	3,896,000	0	
P030243	SC-12 Percival Road & S-1196 E. Boundary St. Intersection Improvement Richland County	PE	150,000	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	950,000	0	0	0	0	0	0	0	950,000	0	0	
		Total	150,000	950,000	0	0	0	0	0	0	0	950,000	0	0	
P030242	S-73 Fish Hatchery Rd & S-719 (Busbee Rd) Intersection Improvement Lexington County	PE	250,000	0	0	0	0	0	0	0	0	0	0	0	NHS
		ROW	50,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	1,025,000	0	0	0	0	0	0	0	1,025,000	0	0	
		Total	300,000	1,025,000	0	0	0	0	0	0	0	1,025,000	0	0	
P030244	SC-555 Farrow Road & S-1274 N. Brickyard Road Intersection Improvement Richland County	PE	200,000	0	0	0	0	0	0	0	0	0	0	0	Local
		ROW	75,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	1,600,000	0	0	0	0	0	0	0	1,600,000	0	0	
		Local Constr	0	883,950	0	0	0	0	0	0	0	883,950	0	0	
P029660	S-408 (Old Cherokee Rd) to S-204 (St Peters Rd) Intersection Improvement Lexington County	PE	0	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	900,000	0	0	0	0	0	0	900,000	900,000	0	
		C-Funds R/W	0	125,010	0	0	0	0	0	0	0	125,010	0	0	
P029661	S-485 (Old Cherokee Rd) to S-408 (Pilgrim Church Rd) Intersection Improvement Lexington County	PE	200,000	0	0	0	0	0	0	0	0	0	0	0	HSP
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	1,915,200	0	0	0	0	0	0	1,915,200	1,915,200	0	
		C-Funds R/W	0	1,210,200	0	0	0	0	0	0	0	1,210,200	0	0	
	Subtotal Exempt Subtotal Exempt Subtotal Exempt	PE	1,450,000	600,000	0	0	0	0	0	0	0	600,000	0	0	Local
		ROW	125,000	0	646,000	0	0	0	0	0	0	646,000	646,000	0	
		Constr	7,000,000	3,575,000	7,515,200	4,250,000	0	0	0	0	0	15,340,200	11,765,200	0	
		Total	8,575,000	4,175,000	8,161,200	4,250,000	0	0	0	0	0	16,586,200	12,411,200	0	

KEY: PE - Preliminary Engineering ROW - Right-of-Way Constr - Construction

2020 - 2027 PROJECTS EXEMPT FROM GUIDESHARE SUMMARY SHEETS (FEDERAL APPROPRIATIONS)

Policy Committee Action: June 25, 2020

Amended Action:

PIN #	Project name		Previous Obligations	Funding (in Actual Dollar Amounts)					2026	2027	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Remaining Cost (2028+)	Funding
				2020	2021	2022	2023	2024						
	Harden Street Phase II - Omnibus Bill	PE	0	0	0	0	0	0	0	0	0	0	0	
	100% Federal - No Match Required	ROW	0	0	0	0	0	0	0	0	0	0	0	
		Constr	950,000	0	0	0	0	0	0	0	0	0	0	
	Total		950,000	0	0	0	0	0	0	0	0	0	0	FY 2009 OMNIBUS BILL
	Harden Street Reconfiguration (City of Columbia)	PE	0	0	0	0	0	0	0	0	0	0	0	
	FY 2010 Appropriation Earmark	ROW	0	0	0	0	0	0	0	0	0	0	0	
	100% Federal - No Match Required	Constr	500,000	0	0	0	0	0	0	0	0	0	0	
	Total		500,000	0	0	0	0	0	0	0	0	0	0	FY 2010 DEFENSE APPROPRIATION BILL
	Seamless City Revitalzation Project (North Main Street TIGER Grant)	PE	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	
		Constr	10,000,000	0	0	0	0	0	0	0	0	0	0	
	City of Columbia Matching Funds	Match	2,500,000	0	0	0	0	0	0	0	0	0	0	City of Columbia
	Total		12,500,000	0	0	0	0	0	0	0	0	0	0	TIGER
	Subtotal Federal Project Appropriations	PE	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Federal Project Appropriations	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Federal Project Appropriations	Constr	11,450,000	0	0	0	0	0	0	0	0	0	0	
	Federal Project Appropriations	Total	11,450,000	0	0	0	0	0	0	0	0	0	0	

2020 - 2027 PROJECTS EXEMPT FROM GUIDESHARE SUMMARY SHEETS (RECREATIONAL TRAILS)

Policy Committee Action: June 25, 2020

Amended Action:

PIN #	Project name		Previous Obligations	Funding (in Actual Dollar Amounts)					2026	2027	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Remaining Cost (2028+)	Funding
				2020	2021	2022	2023	2024						
	Owens Field Park Pump Track	PE	0	0	0	0	0	0	0	0	0	0	0	
	Sponsor - City of Columbia	ROW	0	0	0	0	0	0	0	0	0	0	0	
	FY 2019 Recreational Trails Program	Constr	95,900	0	0	0	0	0	0	0	0	0	0	
		Local	23,975	0	0	0	0	0	0	0	0	0	0	City of Columbia
	Total		119,875	0	0	0	0	0	0	0	0	0	0	SCPRT
	Riverwalk Phase IV	PE	0	0	0	0	0	0	0	0	0	0	0	
	Sponsor - City of Cayce	ROW	0	0	0	0	0	0	0	0	0	0	0	
	FY 2013 Recreational Trails Program	Constr	77,000	0	0	0	0	0	0	0	0	0	0	
		Local	19,000	0	0	0	0	0	0	0	0	0	0	City of Cayce
	Total		96,000	0	0	0	0	0	0	0	0	0	0	SCPRT
	Lower Saluda River Blue Trail	PE	0	0	0	0	0	0	0	0	0	0	0	
	Sponsor - Irmo Chapin Recreation Dept.	ROW	0	0	0	0	0	0	0	0	0	0	0	
	FY 2013 Recreational Trails Program	Constr	77,000	0	0	0	0	0	0	0	0	0	0	
		Local	19,000	0	0	0	0	0	0	0	0	0	0	Irmo Chapin Recreation Department
	Total		96,000	0	0	0	0	0	0	0	0	0	0	SCPRT
	Taylor Street Trail	PE	0	0	0	0	0	0	0	0	0	0	0	
	Sponsor - City of Columbia	ROW	0	0	0	0	0	0	0	0	0	0	0	
	FY 2014 Recreational Trails Program	Constr	99,000	0	0	0	0	0	0	0	0	0	0	
		Match	25,000	0	0	0	0	0	0	0	0	0	0	City of Columbia
	Total		124,000	0	0	0	0	0	0	0	0	0	0	SCPRT
	Subtotal Recreational Trails	PE	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Recreational Trails	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Recreational Trails	Constr	348,900	0	0	0	0	0	0	0	0	0	0	
	Recreational Trails	Total	348,900	0	0	0	0	0	0	0	0	0	0	

Please note that the Grand Total Amounts do no include the local match totals because these are non-federal funds.

KEY:

PE- Preliminary Engineering

ROW - Right-of-Way

Constr - Construction

2020 - 2027 PROJECTS EXEMPT FROM GUIDESHARE SUMMARY SHEETS (BRIDGE PROJECTS)

Policy Committee Action: June 25, 2020
Amended Action: September 1, 2020

PIN #	Project name		Previous Obligations	Funding (In Actual Dollar Amounts)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Remaining Cost (2028+)	Funding
				2020	2021	2022	2023	2024	2025	2026				
P037966	S-1388 Frick Road over Horse Creek	PE	350,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	50,000	0	0	0	0	0	0	50,000	0	0	
	Richland County	Constr	0	0	1,195,000	0	0	0	0	0	1,195,000	1,195,000	0	
	Total		350,000	50,000	1,195,000	0	0	0	0	0	1,245,000	1,195,000	0	STBGP
P038688	S-2375 Grand Street over Smith Branch	PE	350,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	50,000	0	0	0	0	50,000	50,000	0	
	Richland County	Constr	0	0	0	0	0	1,300,000	0	0	1,300,000	1,300,000	0	
	Total		350,000	0	0	50,000	0	1,300,000	0	0	1,350,000	1,350,000	0	STBGP
P038689	S-985 Lake Shore Drive over Unnamed Stream	PE	425,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	350,000	0	0	0	0	350,000	350,000	0	
	Richland County	Constr	0	0	0	0	0	1,350,000	0	0	1,350,000	1,350,000	0	
	Total		425,000	0	0	350,000	0	1,350,000	0	0	1,700,000	1,700,000	0	STBGP
	Folk over North Branch	PE	1,000,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	50,000	0	0	0	0	50,000	50,000	0	
	Lexington County	Constr	0	0	0	0	4,000,000	0	0	0	4,000,000	4,000,000	0	
	Total		1,000,000	0	0	50,000	4,000,000	0	0	0	4,050,000	4,050,000	0	STBGP
	US 21 over Southern & SCL RR (Blossom St)	PE	5,360,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	7,500,000	0	0	0	0	7,500,000	7,500,000	0	
	Richland County	Constr	0	0	0	0	0	0	0	0	0	0	0	
	Total		5,360,000	0	0	7,500,000	0	0	0	0	7,500,000	7,500,000	0	STBGP
P030421	US 176 over SCL Railroad	PE	3,020,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	500,000	0	0	0	0	500,000	500,000	0	
	Richland County	Constr	0	0	0	0	11,659,340	0	0	0	11,659,340	11,659,340	0	
	Total		3,020,000	0	0	500,000	11,659,340	0	0	0	12,159,340	12,159,340	0	NHP
	SC 277 NB over I-77	PE	1,043,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Richland County	Constr	35,341,000	0	0	0	0	0	0	0	0	0	0	
	Total		36,384,000	0	0	0	0	0	0	0	0	0	0	NHP
	S-734/S-3017 (Congaree National Park)	PE	0	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement & Road Construction	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Richland County	Constr	154,000	0	0	0	0	0	0	0	0	0	0	
	Total		154,000	0	0	0	0	0	0	0	0	0	0	FEDERAL LANDS
P030419	I-126 over SCL Railroad	PE	5,340,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	2,000,000	0	0	0	0	2,000,000	2,000,000	0	
	Richland County	Constr	0	0	0	0	33,929,380	0	0	0	33,929,380	33,929,380	0	
	Total		5,340,000	0	0	2,000,000	33,929,380	0	0	0	35,929,380	35,929,380	0	Bridges/Interstate/NHS/NHP
0040440	S.C.L. Railroad	PE	0	0	0	0	0	0	0	0	0	0	0	
	US 1 (BR-102)	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Richland County	Constr	0	0	13,320,000	0	0	0	0	0	13,320,000	13,320,000	0	
	Total		0	0	13,320,000	0	0	0	0	0	13,320,000	13,320,000	0	Bridges/Interstate/NHS/NHP
P029072	S.C.L. Railroad	PE	1,811,000	0	0	0	0	0	0	0	0	0	0	
	SC 555 (BRP-09)	ROW	0	0	1,338,000	0	0	0	0	0	1,338,000	1,338,000	0	
	Richland County	Constr	0	0	8,035,000	0	0	0	0	0	8,035,000	8,035,000	0	
	Total		1,811,000	0	9,373,000	0	0	0	0	0	9,373,000	9,373,000	0	STBGP
P029073	US 21 over Congaree Creek	PE	0	0	0	0	0	0	0	0	0	0	0	
	US 21 (BRP-23)	ROW	0	0	50,000	0	0	0	0	0	50,000	50,000	0	
	Lexington County	Constr	0	0	0	6,750,000	0	0	0	0	6,750,000	6,750,000	0	
	Total		0	0	50,000	6,750,000	0	0	0	0	6,800,000	6,800,000	0	NHP
	US 1 over I-20	PE	765,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Lexington County	Constr	65,960,000	0	0	0	0	0	0	0	0	0	0	
	Total		66,725,000	0	0	0	0	0	0	0	0	0	0	NHP
	US 378 over Twelve Mile Creek	PE	2,270,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	2,000,000	0	0	0	0	0	0	2,000,000	0	0	
	Lexington County	Constr	0	0	11,785,000	0	0	0	0	0	11,785,000	11,785,000	0	
	Total		2,270,000	2,000,000	11,785,000	0	0	0	0	0	13,785,000	11,785,000	0	NHP
	Horse Creek - US 378 (BR-73)	PE	0	0	0	0	0	0	0	0	0	0	0	
	Hollow Creek - US 378 (BR-90)	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Lexington County	Constr	18,806,000	0	0	0	0	0	0	0	0	0	0	
	Total		18,806,000	0	0	0	0	0	0	0	0	0	0	NHP
0012506	I-26 over 302	PE	1,527,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Lexington County	Constr	0	10,000,000	16,674,000	16,674,000	16,674,000	0	0	0	60,022,000	50,022,000	0	
	Total		1,527,000	60,021,000	16,674,000	16,674,000	16,674,000	0	0	0	110,043,000	50,022,000	0	NHP
P030488	I-26 over Southern Railway	PE	3,613,000	0	0	0	0	0	0	0	0	0	0	
	I-26 over US 1 Bridge Replacements	ROW	0	0	0	0	0	0	0	0	0	0	0	
	Lexington County	Constr	0	0	10,000,000	42,984,000	42,984,000	42,984,000	0	0	138,952,000	138,952,000	0	
	Total		3,613,000	0	128,952,000	42,984,000	42,984,000	42,984,000	0	0	267,904,000	267,904,000	0	NHP
	Lorick Road S-1436 over North Branch	PE	1,000,000	0	0	0	0	0	0	0	0	0	0	
	Bridge Replacement	ROW	0	0	0	50,000	0	0	0	0	50,000	50,000	0	
	Richland County	Constr	0	0	0	0	0	0	0	0	0	0	0	
	Total		1,000,000	0	0	50,000	0	0	0	0	50,000	50,000	0	NHP
P030340	US 1 over SCL Railroad Bridge Replacement	PE	1,200,000	0	0	0	0	0	0	0	0	0	0	
	Kershaw County	ROW	0	362,500	0	0	0	0	0	0	362,500	0	0	
	Constr	0	0	0	10,315,500	0	0	0	0	0	10,315,500	10,315,500	0	
	Total		1,200,000	362,500	0	10,315,500	0	0	0	0	10,678,000	10,315,500	0	NHP
	Subtotal Bridge Projects	PE	29,074,000	0	0	0	0	0	0	0	0	0	0	
	Subtotal Bridge Projects	ROW	0	2,412,500	1,388,000	10,500,000	0	0	0	0	14,300,500	11,888,000	0	
	Subtotal Bridge Projects	Constr	120,261,000	10,000,000	61,009,000	76,723,500	109,246,720	45,634,000	0	0	302,613,220	292,613,220	0	
	Bridge Projects	Total	149,335,000	12,412,500	62,397,000	87,223,500	109,246,720	45,634,000	0	0	316,913,720	304,501,220	0	

*Please note that the AC Funded Amount is not calculated in the final total.

KEY: PE- Preliminary Engineering ROW - Right-of-Way Constr - Construction

2020 - 2027 PROJECTS EXEMPT FROM GUIDESHARE SUMMARY SHEETS (NON-FEDERAL INTERSECTION IMPROVEMENTS)

Policy Committee Action: June 25, 2020
Amended Action:

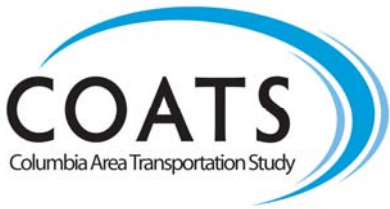
PIN #	Project name		Previous	Funding (in Actual Dollar Amounts)							TIP COST	SCDOT STIP	Remaining	Funding	
			Obligations	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)		Cost (2028+)
	*Clemson Rd @ Rhame Rd./	PE	0	0	0	0	0	0	0	0	0	0	0	0	
	North Springs Rd. Intersection	ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	1,400,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		1,400,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	*Broad River Road @ Rushmore Rd	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	900,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		900,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	*Farrow Rd @ Pisgah Church Rd	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	2,400,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		2,400,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	*North Springs Rd. @ Risdon Way	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	900,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		900,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	*Summit Pkwy @ Summit Ridge Rd	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	700,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		700,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	*Kennerly Rd. @ Coogler Rd/	PE	0	0	0	0	0	0	0	0	0	0	0	0	
	Steeple Ridge Rd.	ROW	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Build	Constr	1,400,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		1,400,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Clemson RD @ Sparkleberry Ln.	PE	1,050,000	0	0	0	0	0	0	0	0	0	0	0	
	(to Mallet Hill Rd)	ROW	3,700,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	6,940,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		11,690,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Bull St. @ Elmwood Avenue	PE	300,000	0	0	0	0	0	0	0	0	0	0	0	
		ROW	300,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	2,200,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		2,800,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	North Main St. @ Monticello Rd.	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	0	0	0	0	0	0	0	0	0	0	
	Total		0	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Hardscrabble Rd. @ Kelly Mill Rd/	PE	0	0	0	0	0	0	0	0	0	0	0	0	
	Rimer Pond Rd.	ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	0	0	0	0	0	0	0	0	0	0	
	Total		0	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Garners Ferry Rd. @ Harmon Rd.	PE	150,000	0	0	0	0	0	0	0	0	0	0	0	
		ROW	100,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	750,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		1,000,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	North Springs Rd @ Harrington Rd.	PE	120,000	0	0	0	0	0	0	0	0	0	0	0	
		ROW	200,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	680,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		1,000,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Screaming Eagle Rd @ Percival Rd.	PE	242,000	0	0	0	0	0	0	0	0	0	0	0	
		ROW	100,000	0	0	0	0	0	0	0	0	0	0	0	
		Constr	1,658,000	0	0	0	0	0	0	0	0	0	0	0	
	Total		2,000,000	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	TBA	PE	0	0	0	0	0	0	0	0	0	0	0	0	
		ROW	0	0	0	0	0	0	0	0	0	0	0	0	
		Constr	0	0	0	0	0	0	0	0	0	0	0	0	
	Total		0	0	0	0	0	0	0	0	0	0	0	0	Richland County Penny Sales Tax
	Subtotal Non-Fed Intersection Improvements	PE	1,862,000	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Non-Fed Intersection Improvements	ROW	4,400,000	0	0	0	0	0	0	0	0	0	0	0	
	Subtotal Non-Fed Intersection Improvements	Constr	19,928,000	0	0	0	0	0	0	0	0	0	0	0	
	Non-Fed Intersection Improvements	Subtotal	26,190,000	0	0	0	0	0	0	0	0	0	0	0	

KEY: PE- Preliminary Engineering ROW - Right-of-Way Constr - Construction

Policy Committee Action: June 25, 2020
Amended Action:

KEY: PE- Preliminary Engineering ROW - Right-of-Way Constr - Construction

Please note that the Grand Total Amounts do no include the non-federal appropriations totals because these are non-federal funds.



MPO ENHANCEMENT PROJECTS

City of West Columbia Projects

Policy Committee Action: June 25, 2020
Amended Action:

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)								TIP COST	SCDOT STIP	Match	Funding	
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)			
ID	West Columbia	Meeting Street and State Street Area Impr	Federal	180,000	0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		FY 18	State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	95,468	0	0	0	0	0	0	0	0	0	0			
				275,468	0	0	0	0	0	0	0	0	0	0			
ID	West Columbia	Center Street Sidewalk & Crosswalk	Federal	143,200	0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Project Development	Local	35,800	0	0	0	0	0	0	0	0	0	0			
				179,000	0	0	0	0	0	0	0	0	0	0			
ID	West Columbia	B Avenue Bike Lanes	Federal	80,782	0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		FY 16	State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Pending Closure	Local	20,195	0	0	0	0	0	0	0	0	0	0			
				100,977	0	0	0	0	0	0	0	0	0	0			
		TBA	Federal	0	0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
			State	0	0	0	0	0	0	0	0	0	0	0			
			Local	0	0	0	0	0	0	0	0	0	0	0			
				0	0	0	0	0	0	0	0	0	0	0			
		Sub-Total West Columbia	Federal	403,982	0	0	0	0	0	0	0	0	0	0	0		
		Sub-Total West Columbia	State	0	0	0	0	0	0	0	0	0	0	0			
		Sub-Total West Columbia	Local	151,463	0	0	0	0	0	0	0	0	0	0			
		Sub-Total West Columbia	Total	555,445	0	0	0	0	0	0	0	0	0	0			

Town of Irmo Projects

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)								TIP COST	SCDOT STIP	Match	Funding
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)		
ID	Irmo	Palmettowood Parkway Sidewalk	Federal	114,440	0	0	0	0	0	0	0	0	0	0	0	
		FY 12 Amended FY 14 & FY 15	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 11/10/15	Local	28,610	0	0	0	0	0	0	0	0	0	0	0	
		Total		143,050	0	0	0	0	0	0	0	0	0	0	0	80/20
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	0	
			State	0	0	0	0	0	0	0	0	0	0	0	0	
			Local	0	0	0	0	0	0	0	0	0	0	0	0	
		Total		0	0	0	0	0	0	0	0	0	0	0	0	80/20
		Sub-Total Irmo	Federal	114,440	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Irmo	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Irmo	Local	28,610	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Irmo	Total	143,050	0	0	0	0	0	0	0	0	0	0	0	

MPO ENHANCEMENT PROJECTS

City of Cayce Projects

Policy Committee Action: June 25, 2020

Amended Action:

PIN #	Jurisdiction	Project name		Prior Funding	Funding (in Actual Dollar Amounts)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Match	Funding
					2020	2021	2022	2023	2024	2025	2026	2027			
ID	Cayce	Julius Felder Sidewalk Project Phase III	Federal	313,882	0	0	0	0	0	0	0	0	0	0	
		FY 16 & FY 18 (2 Projects Combined)	State	0	0	0	0	0	0	0	0	0	0	0	
		Status: Preliminary Engineering	Local	78,650	0	0	0	0	0	0	0	0	0	0	
		Total		392,532	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	Cayce	Frink Street Sidewalk Project	Federal	180,000	0	0	0	0	0	0	0	0	0	0	
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0	
		Status: Preliminary Engineering	Local	86,408	0	0	0	0	0	0	0	0	0	0	
		Total		266,408	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	Cayce	Julius Felder Sidewalk Project II-B	Federal	178,589	0	0	0	0	0	0	0	0	0	0	
		FY 15	State	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 10/9/18	Local	44,647	0	0	0	0	0	0	0	0	0	0	
		Total		223,236	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	Cayce	Julius Felder Sidewalk Project	Federal	290,000	0	0	0	0	0	0	0	0	0	0	
		FY 13 & FY 15 (2 Projects Combined)	State	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 10/9/18	Local	92,497	0	0	0	0	0	0	0	0	0	0	
		Total		382,497	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	
			State	0	0	0	0	0	0	0	0	0	0	0	
			Local	0	0	0	0	0	0	0	0	0	0	0	
		Total		0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		Sub-Total Cayce	Federal	962,471	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Cayce	State	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Cayce	Local	302,202	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Cayce	Total	1,264,673	0	0	0	0	0	0	0	0	0		

Town of Springdale Projects

PIN #	Jurisdiction	Project name		Prior Funding	Funding (in Actual Dollar Amounts)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Match	Funding
					2020	2021	2022	2023	2024	2025	2026	2027			
ID	Springdale	Kitty Hawk Drive Sidewalk	Federal	434,170	0	0	0	0	0	0	0	0	0	0	
		FY 14 & FY 18	State	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 5/14/19	Local	108,542	0	0	0	0	0	0	0	0	0	0	
		Total		542,712	0	0	0	0	0	0	0	0	0	80/20	STBGP
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	
			State	0	0	0	0	0	0	0	0	0	0	0	
			Local	0	0	0	0	0	0	0	0	0	0	0	
		Total		0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		Sub-Total Springdale	Federal	434,170	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Springdale	State	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Springdale	Local	108,542	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Springdale	Total	542,712	0	0	0	0	0	0	0	0	0		

MPO ENHANCEMENT PROJECTS

Town of Lexington Projects

Policy Committee Action: June 25, 2020

Amended Action:

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)							TIP COST	SCDOT STIP	Match	Funding	
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)			(2021 - 2027)
ID	Lexington Town	Augusta Highway Sidewalk Phase 2	Federal	145,000	0	0	0	0	0	0	0	0	0	0	0	
		FY 14	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 11/14/17	Local	70,296	0	0	0	0	0	0	0	0	0	0	0	
		Total		215,296	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	Lexington Town	S. Church Street Sidewalk Phase 4	Federal	290,000	0	0	0	0	0	0	0	0	0	0	0	
		FY 14 & FY 15	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 11/14/17	Local	137,359	0	0	0	0	0	0	0	0	0	0	0	
		Total		427,359	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
ID	Lexington Town	Augusta Highway Sidewalk Project	Federal	205,560	0	0	0	0	0	0	0	0	0	0	0	
		FY 13	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Let for Construction - 11/14/17	Local	0	0	0	0	0	0	0	0	0	0	0	0	
		Total		205,560	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	0	
		State	0	0	0	0	0	0	0	0	0	0	0	0		
		Local	0	0	0	0	0	0	0	0	0	0	0	0		
Total			0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP	
		Sub-Total Lexington Town	Federal	640,560	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Lexington Town	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Lexington Town	Local	207,655	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Lexington Town	Total	848,215	0	0	0	0	0	0	0	0	0	0	0	

Lexington County

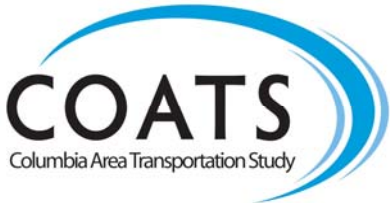
PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)								TIP COST	SCDOT STIP	Match	Funding
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)		
ID	Lexington County (LPA)	Bush River Road Sidewalk Project	Federal	145,000	0	0	0	0	0	0	0	0	0	0		
		FY 11	State	0	0	0	0	0	0	0	0	0	0	0		
		Status: Re-Advertising	Local	96,666	0	0	0	0	0	0	0	0	0	0		
		Total		241,666	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0		
			State	0	0	0	0	0	0	0	0	0	0	0		
			Local	0	0	0	0	0	0	0	0	0	0	0		
		Total		0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
		Sub-Total Lexington County	Federal	145,000	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Lexington County	State	0	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Lexington County	Local	96,666	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Lexington County	Total	241,666	0	0	0	0	0	0	0	0	0	0		

MPO ENHANCEMENT PROJECTS

City of Columbia Projects

Policy Committee Action: June 25, 2020
Amended Action: August 14, 2020

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)							TIP COST	SCDOT STIP	Match	Funding	
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)			(2021 - 2027)
ID	Columbia (LPA)	Downtown Bicycle Connectivity	Federal	136,425	0	0	0	0	0	0	0	0	0	0	0	
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Project Development	Local	90,950	0	0	0	0	0	0	0	0	0	0	0	
		Total		227,375	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
ID	Columbia (LPA)	Greenview Sidewalk Project	Federal	168,951	0	0	0	0	0	0	0	0	0	0	0	
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Project Development	Local	112,634	0	0	0	0	0	0	0	0	0	0	0	
		Total		281,585	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
ID	Columbia (LPA)	Maxcy, Mildred, & Sulton St Sidewalks	Federal	105,046	0	0	0	0	0	0	0	0	0	0	0	
		FY 14	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Participation Agreement	Local	70,031	0	0	0	0	0	0	0	0	0	0	0	
		Total		175,077	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
ID	Columbia (LPA)	Mast Arms on Main Street	Federal	294,974	0	0	0	0	0	0	0	0	0	0	0	
		FY 12	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Project Development	Local	255,283	0	0	0	0	0	0	0	0	0	0	0	
		Total		550,257	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
ID	Columbia (LPA)	Accessibility and Landscaping on Main St.	Federal	97,620	0	0	0	0	0	0	0	0	0	0	0	
		FY 12	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Status: Project Development	Local	65,080	0	0	0	0	0	0	0	0	0	0	0	
		Total		162,700	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	0	
			State	0	0	0	0	0	0	0	0	0	0	0	0	
			Local	0	0	0	0	0	0	0	0	0	0	0	0	
		Total		0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
		Sub-Total Columbia	Federal	803,016	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Columbia	State	0	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Columbia	Local	593,978	0	0	0	0	0	0	0	0	0	0	0	
		Sub-Total Columbia	Total	1,396,994	0	0	0	0	0	0	0	0	0	0		



MPO ENHANCEMENT PROJECTS

Richland County

Policy Committee Action: June 25, 2020
Amended Action:

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)							TIP COST		SCDOT STIP		Match	
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)			
ID	Richland County (LPA)	Clemson Road Shared- Use Path	Federal	180,000	0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	2,359,936	0	0	0	0	0	0	0	0	0	0			
		Total	2,539,936	0	0	0	0	0	0	0	0	0	0	0			
ID	Richland County (LPA)	Alpine Road Shared-Use Path	Federal	180,000	0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
		FY 17	State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	2,354,466	0	0	0	0	0	0	0	0	0	0			
		Total	2,534,466	0	0	0	0	0	0	0	0	0	0	0			
ID	Richland County (LPA)	Broad River Road Neighborhood Improvements FY 16	Federal	180,000	0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
			State	0	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	1,109,349	0	0	0	0	0	0	0	0	0	0			
		Total	1,289,349	0	0	0	0	0	0	0	0	0	0	0			
	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	0	60/40	STBGP
			State	0	0	0	0	0	0	0	0	0	0	0			
			Local	0	0	0	0	0	0	0	0	0	0	0			
		Total	0	0	0	0	0	0	0	0	0	0	0	0			
		Sub-Total Richland County	Federal	540,000	0	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Richland County	State	0	0	0	0	0	0	0	0	0	0	0			
		Sub-Total Richland County	Local	5,823,751	0	0	0	0	0	0	0	0	0	0			
		Sub-Total Richland County	Total	6,363,751	0	0	0	0	0	0	0	0	0	0			

Kershaw County

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)							TIP COST	SCDOT STIP	Match		
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)		(2021 - 2027)	
ID	Kershaw County	Wildwood Lane Sidewalk 2018	Federal	180,000	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		FY 18	State	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	60,000	0	0	0	0	0	0	0	0	0			
		Total	240,000	0	0	0	0	0	0	0	0	0	0			
ID	Kershaw County	Wildwood Lane Sidewalk	Federal	180,000	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
		FY 17	State	0	0	0	0	0	0	0	0	0	0			
		Status: Preliminary Engineering	Local	100,000	0	0	0	0	0	0	0	0	0			
		Total	280,000	0	0	0	0	0	0	0	0	0	0			
ID	TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	80/20	STBGP
			State	0	0	0	0	0	0	0	0	0	0			
			Local	0	0	0	0	0	0	0	0	0	0			
		Total	0	0	0	0	0	0	0	0	0	0	0			
		Sub-Total Kershaw County	Federal	360,000	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Kershaw County	State	0	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Kershaw County	Local	160,000	0	0	0	0	0	0	0	0	0	0		
		Sub-Total Kershaw County	Total	520,000	0	0	0	0	0	0	0	0	0	0		

MPO TAP Program Appointments

PIN #	Jurisdiction	Project name		Prior	Funding (in Actual Dollar Amounts)							TIP COST	SCDOT STIP	
				Funding	2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)
	COATS MPO	TAP Program Annual Apportionments	Federal	3,954,637	900,800	0	0	0	0	0	0	0	900,800	0
		FY 2015 TAP Appointment (\$717,679)	State	0	0	0	0	0	0	0	0	0	0	
		FY 2016 TAP Appointment (\$717,679)	Local	0	0	0	0	0	0	0	0	0		
		FY 2017 TAP Appointment (\$717,679)												
		FY 2018 TAP Appointment (\$900,800)												
		FY 2019 TAP Appointment (\$900,800)												
		FY 2020 TAP Appointment (\$900,800)												
		Total		3,954,637	900,800	0	0	0	0	0	0	900,800	0	STBGP
		TAP Program Annual Apportionments	Federal	3,954,637	900,800	0	0	0	0	0	0	0	900,800	0
		TAP Program Annual Apportionments	State	0	0	0	0	0	0	0	0	0	0	
		TAP Program Annual Apportionments	Local	0	0	0	0	0	0	0	0	0		
		TAP Program Annual Apportionments	Total	3,954,637	900,800	0	0	0	0	0	0	900,800	0	STBGP

*The federal / local match requirements has been provided for each project.
Funding focus for FY 2019 & 2020 TAP Apportionments will be used to complete previously approved active projects.

MPO TRANSIT PROJECTS

Section 5307 (Large Urban Formula Program)

Policy Committee Action: June 25, 2020
Amended Action: August 27, 2020

Agency	Project name		Previous Obligations	Funding (In Actual Dollars)					2025	2026	2027	TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Funding
				2020	2021	2022	2023	2024						
CMRTA	Operations (50/50 Match)	Federal	2,737,557	1,500,000	1,500,000	51,543	0	0	0	0	0	3,051,543	1,551,543	
	Fixed Route Costs in Lexington/Richland Co.	State	0	0	0	0	0	0	0	0	0	0	0	
	Transit Operations (FFY 2016 - \$1,000,000)	Local	0	0	0	0	0	0	0	0	0	0	0	
	Crime Prevention/Security (FFY 2019 - \$45,557)													
	Vanpool (FFY 2019 & 2020 - \$192,000)													
	Transit Operations (FFY 2020 - \$1,500,000)													
	Transit Operations (FFY 2021 - \$1,500,000)													
	Crime Prevention/Security (FFY 2021 - \$51,543)													
Total			2,737,557	1,500,000	1,500,000	51,543	0	0	0	0	0	3,051,543	1,551,543	Section 5307/Local/CMRTA
CMRTA	Capital Projects (80/20 Match)	Federal	5,061,034	200,000	1,530,000	0	0	0	0	0	0	1,730,000	1,530,000	
	GPS Real Time Tracking (FFY 2015 - \$464,000)	State	0	0	0	0	0	0	0	0	0	0	0	
	Camera System & Bus Shelters (FFY 2015 - \$758,200)	Local	0	0	0	0	0	0	0	0	0	0	0	
	ADP Software (FFY 2016 - \$200,000)													
	ADP Hardware (FFY 2016 - \$200,000)													
	Replace bus washer (FFY 2016 - \$60,000)													
	Employee Education/Training (FFY 2016 - \$209,442)													
	Purchase 16 New Fareboxes (FFY 2016 - \$252,160)													
	Update CMRTA Website (FFY 2016 - \$40,000)													
	Bike Program (FFY 2019 - \$240,000)													
	FTA Grant SC-90-X257 Concrete Pads (FFY 2019 - \$900,608)													
	FTA Grant SC-90-X274 Bus Shelters (FFY 2019 - \$1,536,624)													
	ADP Software (FFY 2020 - \$200,000)													
	Replace A/C at Administration Facility (FFY 2021 - \$360,000)													
	ADP Hardware (FFY 2021 - \$920,000)													
	ADP Software (FFY 2021 - \$250,000)													
Total			5,061,034	200,000	1,530,000	0	0	0	0	0	0	1,730,000	1,530,000	Section 5307/Local/CMRTA
CMRTA	Capitla Projects - Vehicles (80/20)	Federal	6,823,135	1,356,667	1,341,852	5,102,662	0	0	0	0	0	7,801,181	6,444,514	
	Non-Fixed Route ADA Paratransit (FFY 2016 - \$972,364)	State	0	0	0	0	0	0	0	0	0	0	0	
	Non-Fixed Route ADA Paratransit (FFY 2019 - \$455,572)	Local	0	0	0	0	0	0	0	0	0	0	0	
	Replace 35-FT Bus and 7 Propane Buses (FFY 2016 - \$836,000)													
	Replace 35-FT Buses (85/15 Match) (FFY 2020 - \$464,571)													
	Small Urban/Rural Transfer (FFY 2019 - \$1,640,500),													
	2 to 5 Forty-Foot Expansion Buses (FFY 2015 - \$1,312,120)													
	Rehab/Rebuild (8) 35-FT Buses (FFY 2020 - \$200,000)													
	Rehab/Rebuild 35-FT Buses -Add Wraps (FFY 2020 - \$80,000)													
	Rehab/Renovate Bus Yard (FFY 2020 - \$372,912)													
	Staff Cars (FFY 2020 - \$87,408)													
	ICAM & HSCR Partnership Grant (FFY 2018 & 2019 - \$249,912)													
	Human Trafficking Awareness Grant (FFY 2020 - \$151,776)													
	Purchase Replacement 35-FT Buses (85/15 Match) (FFY 2021 - \$875,394)													
	Purchase Expansion Trolleys (85/15 Match) (FFY 2021 - \$357,000)													
	Purchase Replacement 18 Passenger Van (FFY 2021 - \$109,458)													
	Purchase Expansion (7) 40-FT Bus (85/15 Match) (FFY 2021 - \$2,976,553)													
	Purchase Replacement (5) 40-FT Bus (85/15 Match) (FFY 2021 - \$2,126,109)													
Total			6,823,135	1,356,667	1,341,852	5,102,662	0	0	0	0	0	7,801,181	6,444,514	Section 5307/Local/CMRTA
CMRTA	Preventive Maintenance (80/20 Match)	Federal	2,750,087	717,723	327,907	0	0	0	0	0	0	1,045,630	327,907	
	FFY 2015 - \$1,060,000	State	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2016 - \$972,364	Local	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2020 - \$717,723													
	FFY 2021 - \$327,907													
Total			2,750,087	717,723	327,907	0	0	0	0	0	0	1,045,630	327,907	Section 5307/Local/CMRTA
CMCOG	CARES ACT	Federal	0	0	14,145,748	0	0	0	0	0	0	14,145,748	14,145,748	MAP 21/FAST ACT
	The COMET Operations (FY 2021 - \$13,595,748)	State	0	0	0	0	0	0	0	0	0	0	0	
	SWRTA - Lugoff - Elgin Connector Pilot Route (FY 2021 - \$550,000)	Local	0	0	0	0	0	0	0	0	0	0	0	
Total			0	0	14,145,748	0	0	0	0	0	0	14,145,748	14,145,748	Section 5307/Local
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0	
		State	0	0	0	0	0	0	0	0	0	0	0	
		Local	0	0	0	0	0	0	0	0	0	0	0	
Total			0	0	0	0	0	0	0	0	0	0	0	CARES Act
Total Section 5307		Federal	17,371,813	3,774,390	18,845,507	5,154,205	0	0	0	0	0	27,774,102	23,999,712	
Total Section 5307		State	0	0	0	0	0	0	0	0	0	0	0	
Total Section 5307		Local	0	0	0	0	0	0	0	0	0	0	0	
Total Section 5307			17,371,813	3,774,390	18,845,507	5,154,205	0	0	0	0	0	27,774,102	23,999,712	

MPO TRANSIT PROJECTS

Section 5339 (Bus and Bus Facilities)

Policy Committee Action: June 25, 2020

Amended Action:

Agency	Project name		Previous Obligations	Funding (In Actual Dollars)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Funding
				2020	2021	2022	2023	2024	2025	2026	2027		
CMRTA	FFY 2018 Funds - Capital	Federal	0	0	632,576	0	0	0	0	0	0	632,576	632,576
	Rehab/Renovate Bus Terminal on Assembly & Sumter (\$388,928)	State	0	0	0	0	0	0	0	0	0	0	0
	Rewrap buses purchased in 2020 (\$80,000)	Local	0	0	0	0	0	0	0	0	0	0	0
	Install 3 bus shelters (\$163,648)												
	Total		0	0	632,576	0	0	0	0	0	0	632,576	632,576
Section 5339													
CMRTA	FFY 2017 Funds - Capital	Federal	0	425,653	0	0	0	0	0	0	0	425,653	0
	Purchase and install nine (9) bus shelters (\$425,653)	State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	425,653	0	0	0	0	0	0	0	425,653	0
Section 5339													
	FFY 2013, 2014, 2015, 2016 Funds – Capital	Federal	1,646,158	0	0	0	0	0	0	0	0	0	0
	FFY 2016 - Purchase and install eight (8) bus shelters (\$382,699)	State	0	0	0	0	0	0	0	0	0	0	0
	FFY 2015 - Purchase New Automated Passenger Counters (\$399,037)	Local	0	0	0	0	0	0	0	0	0	0	0
	FFY 2014 - Purchase New Fareboxes (\$425,655)												
	FFY 2013 - Purchase Diesel Bus (\$438,767)												
	Total		1,646,158	0	0	0	0	0	0	0	0	0	0
Section 5339													
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Section 5339													
Total Section 5339		Federal	1,646,158	425,653	632,576	0	0	0	0	0	0	1,058,229	632,576
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total Section 5309	Total	1,646,158	425,653	632,576	0	0	0	0	0	0	1,058,229	632,576

Section 5316 (Designated Recipient JARC Formula Funds)

Policy Committee Action: June 25,2020

Amended Action:

Agency	Project name		Prior Year(s)	Funding (In Actual Dollars)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Funding
				2020	2021	2022	2023	2024	2025	2026	2027		
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Designated Recipient (DR) Section 5316													
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Designated Recipient (DR) Section 5316													
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Total DR Section 5316		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total DR Section 5316	Total	0	0	0	0	0	0	0	0	0	0	0

Section 5317 (Designated Recipient New Freedom Formula Funds)

Policy Committee Action: June 25, 2020

Amended Action:

Agency	Project name		Previous Obligations	Funding (In Actual Dollars)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Funding
				2020	2021	2022	2023	2024	2025	2026	2027		
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Designated Recipient (DR) Section 5317													
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Designated Recipient (DR) Section 5317													
TBA		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total		0	0	0	0	0	0	0	0	0	0	0
Designated Recipient (DR) Section 5317													
Total DR Section 5317		Federal	0	0	0	0	0	0	0	0	0	0	0
		State	0	0	0	0	0	0	0	0	0	0	0
		Local	0	0	0	0	0	0	0	0	0	0	0
	Total DR Section 5317	Total	0	0	0	0	0	0	0	0	0	0	0

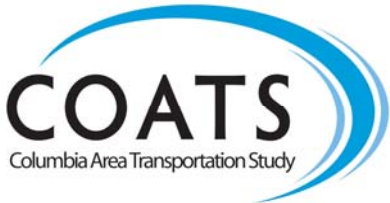
MPO TRANSIT PROJECTS

Section 5310 (Enhanced Mobility for Seniors and Individuals with Disabilities)

Policy Committee Action: June 25, 2020

Amended Action:

Agency	Project name		Previous Obligations	Funding (In Actual Dollars)							TIP COST (2020 - 2024)	SCDOT STIP (2021 - 2027)	Funding
				2020	2021	2022	2023	2024	2025	2026			
CMCOG/COATS	CMCOG	Federal	23,936	35,286	24,810	0	0	0	0	0	0	24,810	
	Program Administration	State	0	0	0	0	0	0	0	0	0	0	
	FY 19 - Admin (\$23936)	Local	0	0	0	0	0	0	0	0	0	0	
	FY 20 - Admin (\$35,286)												
	FY 21 - Admin (\$24,810)												
Total			23,936	35,286	24,810	0	0	0	0	0	60,096	24,810	Designated Recipient (DR) Section 5310
CMCOG/COATS	Large Urban Program FY 2021 Projects	Federal	0	0	412,723	0	0	0	0	0	412,723	412,723	
	MIRCI - ADA Passenger Vehicle - (80/20) - Capital (\$39,723)	State	0	0	0	0	0	0	0	0	0	0	
	Babcock Center - ADA Passenger Vehicles - (80/20) Capital (\$48,000)	Local	0	0	0	0	0	0	0	0	0	0	
	Senior Resources - Senior Wheels - (50/50) Operating (\$25,000)												
	CMRTA Purchase of Service (Free Fares) - (80/20) - Operations (\$275,000)												
Total			0	0	412,723	0	0	0	0	0	412,723	412,723	Designated Recipient (DR) Section 5310
CMCOG/COATS	Large Urban Program FY 2020 Projects	Federal	0	390,203	0	0	0	0	0	0	390,203	0	
	Irmo Chapin Recreation - ADA Passenger Vehicle - (80/20) Capital (\$38,203)	State	0	0	0	0	0	0	0	0	0	0	
	Babcock Center - ADA (2) Passenger Vehicles - (80/20) Capital (\$102,000)	Local	0	0	0	0	0	0	0	0	0	0	
	CMRTA Purchase of Service - (50/50) - Operations (\$94,500)												
	CMRTA Mobility Management - (80/20) - Capital (\$155,500)												
Total			0	390,203	0	0	0	0	0	0	390,203	0	Designated Recipient (DR) Section 5310
CMCOG/COATS	Large Urban Program FY 2019 Projects	Federal	390,582	0	0	0	0	0	0	0	0	0	
	MIRCI - ADA Passenger Vehicle - (80/20) - Capital (\$39,723)	State	0	0	0	0	0	0	0	0	0	0	
	Senior Resources - ADA Passenger Vehicle - (80/20) Capital (\$45,395)	Local	0	0	0	0	0	0	0	0	0	0	
	CMRTA Purchase of Service - (80/20) - Capital (\$36,000)												
	CMRTA Mobility Management - (80/20) - Capital (\$175,107)												
Total			390,582	0	0	0	0	0	0	0	0	0	Designated Recipient (DR) Section 5310
TBA		Federal	0	0	0	0	0	0	0	0	0	0	
		State	0	0	0	0	0	0	0	0	0	0	
		Local	0	0	0	0	0	0	0	0	0	0	
Total			0	0	0	0	0	0	0	0	0	0	Designated Recipient (DR) Section 5310
TBA		Federal	0	0	0	0	0	0	0	0	0	0	
		State	0	0	0	0	0	0	0	0	0	0	
		Local	0	0	0	0	0	0	0	0	0	0	
Total			0	0	0	0	0	0	0	0	0	0	Designated Recipient (DR) Section 5310
Total DR Section 5310		Federal	414,518	425,489	437,533	0	0	0	0	0	863,022	437,533	
Total DR Section 5310		State	0	0	0	0	0	0	0	0	0	0	
Total DR Section 5310		Local	0	0	0	0	0	0	0	0	0	0	
Total DR Section 5310			414,518	425,489	437,533	0	0	0	0	0	863,022	437,533	



MPO TRANSIT PROJECTS

Federal & State Program Apportionments (Sections 5307, 5339, 5310, CARES Act, SCDOT)

Policy Committee Action: June 25, 2020

Amended Action:

Agency	Project name		Previous Obligations	Funding (In Actual Dollars)							TIP COST	SCDOT STIP	Funding	
			2020	2021	2022	2023	2024	2025	2026	2027	(2020 - 2024)	(2021 - 2027)		
CMCOG	Section 5307 Planned Future Obligations	Federal	4,188,852	4,555,743	4,699,759	5,154,206	5,399,496	0	0	0	0	19,809,204	15,253,461	
	FFY 2016 Section 5307 (\$4,188,852)	State	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2017 Section 5307 (\$4,555,743)	Local	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2018 Section 5307 (\$4,699,759)													
	FFY 2019 Section 5307 (\$5,154,206)													
	FFY 2020 Section 5307 (\$5,399,496)													
	Total		4,188,852	4,555,743	4,699,759	5,154,206	5,399,496	0	0	0	0	19,809,204	15,253,461	Apportionments
CMCOG	Section 5310 Planned Future Obligations	Federal	414,518	425,489	437,533	459,599	488,640	0	0	0	0	1,811,261	1,385,772	
	FFY 2016 Section 5310 (\$414,518)	State	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2017 Section 5310 (\$425,489)	Local	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2018 Section 5310 (\$437,533)													
	FFY 2019 Section 5310 (\$459,599)													
	FFY 2020 Section 5310 (\$488,640)													
	Total		414,518	425,489	437,533	459,599	488,640	0	0	0	0	1,811,261	1,385,772	Apportionments
CMCOG	Section 5339 Planned Future Obligations	Federal	382,699	425,653	632,576	584,990	626,271	0	0	0	0	2,269,490	1,843,837	
	FFY 2016 Section 5339 (\$382,699)	State	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2017 Section 5339 (\$425,653)	Local	0	0	0	0	0	0	0	0	0	0	0	
	FFY 2018 Section 5339 (\$632,576)													
	FFY 2019 Section 5339 (\$584,990)													
	FFY 2020 Section 5339 (\$626,271)													
	Total		382,699	425,653	632,576	584,990	626,271	0	0	0	0	2,269,490	1,843,837	Apportionments
CMCOG	South Carolina Department of Transportation Columbia Urbanized Area Apportionment - (FY 2020 - \$519,078)	Federal	0	0	0	0	0	0	0	0	0	0	0	
		State	0	519,078	0	0	0	0	0	0	0	519,078	0	
		Local	0	0	0	0	0	0	0	0	0	0	0	
	Total		0	0	0	0	0	0	0	0	0	519,078	0	Apportionments
CMCOG	CARES Act Obligation	Federal	0	0	14,145,748	0	0	0	0	0	0	14,145,748	14,145,748	
		State	0	0	0	0	0	0	0	0	0	0	0	
		Local	0	0	0	0	0	0	0	0	0	0	0	
	Total		0	519,078	0	0	0	0	0	0	0	519,078	0	Apportionments
	Total Federal & State Program Appointments	Federal	4,986,069	5,406,885	19,915,616	6,198,795	6,514,407	0	0	0	0	38,035,703	32,628,818	
	Total Federal & State Program Appointments	State	0	519,078	0	0	0	0	0	0	0	519,078	0	
	Total Federal & State Program Appointments	Local	0	0	0	0	0	0	0	0	0	0	0	
	Total Section 5309	Total	4,986,069	5,925,963	19,915,616	6,198,795	6,514,407	0	0	0	0	38,554,781	32,628,818	

APPENDIX A

TIP AMENDMENT PROCESS AND PROCEDURES

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

"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 TIP AMENDMENT PROCESS AND PROCEDURES

Step 1

Amendment requests are due to COATS by the close of business on the second Monday of each month. Amendments should be received two weeks before the Technical Committee Meeting.

Step 2

A 21-day public comment period for proposed amendments will begin. Public comments will be received concurrent with the COATS Planning Process.

Step 3

Proposed amendments along with public comments will be presented to the Technical Committee for review and approval on the fourth Tuesday of each month.

Step 4

Proposed amendments along with public comments will be presented to the Transportation Subcommittee the second Thursday of each month.

Step 5

Proposed amendments along with public comments will be presented to the Executive Committee and the COATS Policy Committee on the fourth Thursday of each month. (Except for July & November)

Step 6

If the Executive Committee meets in July and/or November without a Board meeting, amendments approved by the Executive Committee will be ratified at the next Board meeting.

Step 7

If a significant change is made to an amendment after the public comment period ends, the T.I.P. will be advertised for an additional 21-day public comment period after the Policy Committee has taken action.

All approved TIP amendments will be sent to SCDOT for review and inclusion into the Statewide Transportation Improvement Program.

APPENDIX B

ACT 114 PRIORITIZATION REQUIREMENTS

FOR TRANSPORTATION PLANNING

IN THE

COLUMBIA METROPOLITAN PLANNING AREA

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

ACT 114 PRIORITIZATION REQUIREMENTS

Project Prioritization Requirements pursuant to SC Code of Laws, Section 57-1-370 (B)(8):

“...the Commission shall establish a priority list of projects to the extent permitted by federal laws or regulations, taking into consideration at least the following criteria:

- a. Financial viability
- b. Public safety
- c. Potential for economic development
- d. Traffic volume and congestion
- e. Truck traffic
- f. The pavement quality index
- g. Environmental impact
- h. Alternative transportation solutions; and
- i. Consistency with local land use plans.”

SCDOT Act 114 Project Prioritization Process:

- (1) The SCDOT Commission established prioritization criteria for each program category within six months of passage of Act 114.
- (2) Promulgation of State Regulation 63-10(C)(3) established a methodology for application of criteria and required the State Highway Engineer to establish the weight to be used for each criteria, as well as a ranking process (outlined through SCDOT Engineering Directives). The methodology and application of the criteria is provided as a recommendation to the Commission for approval.
- (3) Engineering Directives outlining weights for criteria were put into place in early 2009 and updated as necessary
- (4) Staff applies the criteria to prioritize projects lists, which are then submitted to the Commission for approval. Projects from these lists are then presented to the Commission for inclusion in the STIP as funding is available.

Project Type	Criteria and Weighting
Bridge Replacements	<p><u>75% based on the Following Data Collected:</u></p> <ul style="list-style-type: none"> • Structural Condition • Traffic Status • Average Daily Traffic • Average Daily Truck Traffic Percentage • Detour Length <p><u>25% based on Engineering Judgment in the Following Areas:</u></p> <ul style="list-style-type: none"> • District maintenance capabilities, frequency of repairs, effectiveness of repairs, funding availability, including contracts • Coordination with other SCDOT projects • Additional engineering review of rehab vs. replacement options • Current and future economic/industrial development • Route continuity and river basin upgrades • Improved emergency services and emergency evacuation routes • Strategic and network planning for current and future needs • Environmental impacts • Current and future housing developments • New schools and/or changes in bus routes
Interstate Mainline Capacity Projects (Widenings)	<p>Volume to Capacity - 30%</p> <p>Public Safety - 20%</p> <p>Truck Traffic - 10%</p> <p>Pavement Condition - 10%</p> <p>Financial Viability - 10%</p> <p>Environmental Impacts - 10%</p> <p>Economic Development - 10%</p>
Interstate Interchange Projects	<p><u>80% based on the Following Data Collected:</u></p> <ul style="list-style-type: none"> • Passenger Vehicle Travel Time • Truck Vehicle Travel Time • Passenger Vehicle Delay • Passenger Vehicle Distance • Truck Vehicle Distance • Truck Vehicle Time • Truck Detour Distance • Design-related Fatal Crashes • Design-related Personal Injury Crashes • Design-related Personal Damage Crashes • Other Fatal Crashes • Other Personal Injury Crashes • Other Personal Damage Crashes <p>Economic Development – 10%</p> <p>Environmental Impacts – 10%</p>
Resurfacing Projects (Non-interstate)	<p>Pavement Condition</p> <p>Average Daily Traffic</p> <p>Average Daily Truck Traffic</p> <p>Pavement Maintenance Costs</p> <p>Location and Significance to Communities/Local Businesses</p>

Source: SCDOT, Office of Secretary of Transportation
Date: December 2013

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2020 – 2027 TIP

GLOSSARY AND LIST OF ABBREVIATIONS

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.

GLOSSARY AND LIST OF ABBREVIATIONS

ADA - Americans with Disabilities Act - Significant civil rights legislation passed in 1990 that prohibits discrimination against all individuals with disabilities. With certain statutory exceptions, public and private entities providing fixed route or demand responsive transportation services must acquire accessible vehicles or provide equivalent service to individuals with disabilities.

ADA Plan – CMRTA’s plan to address the transit requirements of the Americans with Disabilities Act by defining participant eligibility for the Dial-A-Ride-Transit (DART) program and providing wheelchair lifts for fixed route service.

Appropriation - Legislation that allocates budgeted funds from general revenues to programs that have been previously authorized by other legislation. The amount of money appropriated may be less than the amount authorized.

Apportionment - At the federal level, approval by the Office of Management and Budget for an agency to spend funds appropriated by Congress. The public reporting of the OMB approved apportionment, detailing the amount of transit formula funding available to each urbanized area or designated recipient, is done by the FTA and is commonly referred to as "the apportionment".

Authorization - Federal legislation that creates the policy and structure of a program including formulas and guidelines for awarding funds. Authorizing legislation may set an upper limit on program spending or may be open ended, as in "such sums as may be necessary". General revenue funds to be spent under an authorization must be appropriated by separate legislation.

AVL - Automatic Vehicle Locator - An automatic tracking system which employs advanced technology to locate transit vehicles.

CAAA - Clean Air Act Amendments of 1990 - Landmark legislation passed by Congress that renews the Federal Clean Air Act and makes significant program changes. For the transportation sector, changes include a definition of conformity and requirement for the formulation by EPA and DOT of regulations regarding conformity, and requirements for the use and development of clean fuels and vehicles.

Capital costs - Non-recurring or infrequently recurring cost of long-term assets, such as land, guideways, stations, buildings, and vehicles. The costs often include related expenses; for example, depreciation and property taxes.

Collectors - provide a lower degree of mobility than arterials. They are designed for travel at lower speeds and for shorter distances. They are typically two-lane roads that collect and distribute traffic to and from the arterial system.

Conformity Analysis - A determination made by the MPOs and the US DOT that transportation plans and programs in non-attainment or maintenance areas meet the "purpose" of the SIP (see definition below), which is to reduce pollutant emissions to meet air quality standards.

CMS - Congestion Management System - A systematic process which provides information regarding transportation system performance to decision-makers for selecting and implementing cost-effective strategies to manage new and existing facilities for the purpose of alleviating congestion and enhancing the mobility of persons and goods.

CMAQ - Congestion Mitigation and Air Quality Program - A funding program created in the ISTEA for projects and activities which reduce congestion and improve air quality in regions not yet attaining federal air quality standards-

CMCOG – Central Midlands Council of Governments - The regional transportation planning and programming agency for the Lexington, Richland, Fairfield, and Newberry County area. CMCOG was created in 1969 as the Metropolitan Planning Organization for the Columbia urbanized area (Inclusive of portions of Lexington, Richland, Kershaw, and Calhoun Counties).

Consultation - "One party confers with another identified party and, prior to taking action(s), considers that party's view."

Cooperation - "Actions taken are subject to the concurrence of the identified parties."

Coordination - "The comparison of the transportation plans, programs, and schedules of one agency with related plans, programs and schedules of other agencies or entities with legal standing, and the subsequent adjustment of plans, programs and schedules to maintain consistency and reduce or resolve possible omissions, duplications, or conflicts."

Corridor - Any major transportation route, which includes parallel limited access - highways, major arterials, rail or transit lines. With regard to traffic incident management, a corridor may include more distant transportation routes, which can serve as viable alternatives to each other in the event of accidents.

Emissions Budget - The part of the SIP (see definition below), which identifies the allowable emissions levels, mandated by the NAAQS for certain pollutants emitted from - mobile, stationary, and area sources. The emissions levels are used for meeting emission – reduction milestones, attainment, or maintenance demonstration.

Emissions Inventory - A complete list of sources and amounts of pollutant emissions within a specific area and time interval. Part of the SIP.

Enhancements - ISTEA defines transportation enhancement activities for the purpose of funding under the Surface Transportation Program as "the provision of facilities for pedestrians and bicycles, acquisition of scenic easements and scenic or historic sites, scenic or historic highway programs, landscaping and other scenic beautification, historic preservation, rehabilitation and operation of historic transportation buildings, structures, facilities and canals, preservation of abandoned railway corridors including the conversion and use thereof for pedestrian or bicycle trails, control and removal of outdoor advertising, archaeological planning and research, and mitigation of water pollution due to highway runoff."

Exempt - Non-exempt Projects - Transportation projects which will not change the operating characteristics of a roadway are exempt from the Transportation Improvement Plan conformity analysis. Conformity analysis must be completed on projects that affect the distance, speed, or capacity of a roadway.

Federal Action - "Any activity engaged in by a department, agency, or instrumentality of the federal government, or any activity that a department, agency, or instrumentality of the federal government supports in any way, provides financial assistance for, license, permits or approves."

Federal-Aid Highways - Those highways eligible for assistance under Title 23 of the United States Code, as amended, except those functionally classified as local or rural minor collectors.

FHWA - Federal Highway Administration - The federal agency responsible for the approval of transportation projects that affect the defined federal highway system. Administratively, it is under US DOT and is the sister agency of FTA.

Fixing America's Surface Transportation Act or "FAST Act" - On December 4, 2015, President Obama signed the [Fixing America's Surface Transportation \(FAST\) Act](#) (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains our focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

FTA - Federal Transit Administration - The federal department of mass transportation, which is under US DOT (formerly called the Urban Mass Transit Administration or UMTA). The FTA is the sister agency of FHWA.

FY - Fiscal Year - SCDOT fiscal years, used in documents like the STIP, run from October 1st to September 30th. CMCOG also operates on a July 1st to June 30th fiscal year.

FFY - Federal Fiscal Year - Federal fiscal years, used in federally mandated documents, operate from October 1st to September 30th.

Freeway - A divided highway for through traffic that has full access control and grade separations at all intersections.

Functional Classification - The grouping of streets and highways into classes, or systems according to the character of service that they are intended to provide. Facilities are divided according to the degree they provide access to places vs. mobility between places. The recognition that individual roads do not serve travel independently and most travel involves movement through a network of roads is basic to functional classification.

HOV - High Occupancy Vehicle - Also called a multiple-occupant vehicle (MOV). Any passenger vehicle that meets or exceeds certain predetermined number of passengers. For designation of dedicated freeway lanes, a responsible jurisdiction may define an HOV as a vehicle containing two or more occupants, with federal approval. A definition of three or more occupants requires no additional federal approvals.

HPMS - Highway Performance Monitoring System - The system used by FHWA to provide information to Congress, the States, and the public on the extent and physical condition of the nation's highway system, its use, performance, and needs. The system includes an inventory of the nation's highways including traffic volumes.

Highway Safety - The reduction of traffic accidents, and deaths, injuries and property damage resulting there from, on public roads.

I & M - Inspection and Maintenance Program - An emissions testing and inspection program, implemented by states in non-attainment areas, to ensure that the catalytic or other emissions control devices on in-use vehicles are properly maintained.

IVHS (ITS) - Intelligent Vehicle and Highway System - ISTEA established the IVHS a.k.a. ITS (Intelligent Transportation Systems). Program to enhance the capacity, efficiency, and safety of the federal-aid highway system and to serve as an alternative to additional physical capacity. Automated highways and vehicles are one component of this approach. IVHS (ITS) is defined to include the development of application of electronics, communications or information processing (including advanced traffic management systems, commercial vehicle control systems, advanced public transportation systems, satellite vehicle tracking systems, and advanced vehicle communications systems) used singly or in combination to improve the efficiency and safety of surface transportation systems.

Intermodal facility - A transportation element that accommodates and interconnects different modes of transportation. Intermodal facilities include, but are not limited to, highway elements, coastal, inland and Great Lakes ports, canals, pipeline farms, airports, marine and/or rail

terminals, truck terminals, and intercity bus terminals. Intermodal transportation facilities serve intrastate, interstate, and international movement of goods and people.

ISTEA - Intermodal Surface Transportation Efficiency Act of 1991 - Legislation passed by Congress in December 1991 that provides for a major restructuring of the highway program. Key components of the Act include a greatly increased flexibility in the programming of projects, a level playing field between highway and transit projects with a consistent 80/20 matching ratio, ties to the Federal Clean Air Act and Americans with Disabilities Acts, and an emphasis on maintenance of the existing system and operational improvements.

Interstate Maintenance - ISTEA establishes a funding category for maintenance of the Interstate system that specifically limits the use of these funds for capacity increasing projects that are not high occupancy vehicle lanes or auxiliary (merging) lanes. Eligible activities include reconstruction of bridges, interchanges and overcrossings along existing Interstate routes, including the acquisition of right-of-way where necessary and preventative maintenance. Projects are selected by SCDOT and are included in COATS TIP.

JARC – The Job Access Reverse Commute (JARC) program was established as part of the Transportation Equity Act for the 21st Century (TEA-21) to address the unique transportation challenges that welfare recipients and low-income individuals face in finding and keeping jobs. JARC began as a discretionary grant program, but transitioned to a formula-based program under the Safe, Accountable, Flexible, Efficient Transportation Equity Act, A Legacy for Users (SAFETEA-LU). FY 2006 marks the first year of the restructured JARC program, now also known as Section 5316.

LOS - Level of Service - A measure of congestion, which compares actual or projected traffic volume with the maximum capacity of the intersection or road in question. LOS can also be applied to other transportation services as an indication of the quality and quantity of transportation service provided.

LRTP - Long-Range Transportation Plan - A comprehensive long-range (20-30 year) plan for the transportation system of the region, updated every five years by the MPO. The LRTP includes goals, objectives, and policies, and recommends transportation improvements. The financial scenarios are developed: one fiscally constrained to existing revenue sources only; the other reflects a funding plan for a "desired" set of transportation improvements.

Maintenance - Legally, maintenance activities are non-containment activities that preserve the function of the existing transportation system.

Maintenance Area - "Any geographical region of the United States that the EPA has designated (under Section 175A of the FCAA) for transportation related pollutant(s) for which a national ambient air quality standard exists." This designation is used after non-attainment areas reach attainment.

Major metropolitan transportation investment - Proposed regulations put forward by USDOT would define a major metropolitan transportation investment as a "project that involves new construction or extension of a controlled access principle arterials, or the capacity expansion of a controlled access principal arterial by a least one lane (or an equivalent increase in capacity through access control or technological improvement) or construction or extension of a busway, high occupancy vehicle (HOV) facility, or fixed guideway transit facility, or adding lanes to a busway or adding tracks to fixed guideway transit facility, or a substantial increase in service on a fixed guideway." This definition is significant for projects subject to analysis by the MPO in its planning process.

MAB - Metropolitan Area Boundary - The boundary of the metropolitan planning and programming area.

MAP-21 - Moving Ahead for Progress in the 21st Century Act (P.L. 112-141) - Signed into law by President Obama on July 6, 2012. Funding surface transportation programs at over \$105 billion for fiscal years (FY) 2016 and 2014, MAP-21 is the first long-term highway authorization enacted since 2005. MAP-21 is a milestone for the U.S. economy and the Nation's surface transportation program. By transforming the policy and programmatic framework for investments to guide the system's growth and development, MAP-21 creates a streamlined and performance-based surface transportation program and builds on many of the highway, transit, bike, and pedestrian programs and policies established in 1991.

Metropolitan Planning Area - The area, established by the MPO and the Governor in accordance with ISTEA regulations, in which the federally mandated metropolitan planning process must be carried out.

MPO - Metropolitan Planning Organization - A federally required transportation planning body responsible for the Long Range Transportation Plan (LRTP) and the Transportation Improvement Program (TIP) in its region. COATS is the MPO for the Columbia urbanized area.

Mobile Sources - Mobile sources of air pollutants include motor vehicles, aircraft, seagoing vessels, and other transportation modes. The mobile source related pollutants of greatest concern are carbon monoxide (CO), transportation hydrocarbons (HC), nitrogen oxides (NOx), and particulate matter (PM-10). Mobile sources are subject to a different set of regulations than are stationary and area sources of air pollutants.

NAAQS - National Ambient Air Quality Standards - The standards set by EPA for various pollutants known to cause health related problems, including ozone and its precursors (nitrous oxides and hydrocarbons), carbon monoxide, lead, sulfur dioxide, and particulate matter (PM-10).

New Freedom – The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. Lack of adequate transportation is a primary barrier to work for individuals with disabilities. The 2000 Census showed that only 60 percent of people

between the ages of 16 and 64 with disabilities are employed. The New Freedom formula grant program seeks to reduce barriers to transportation services and expand the transportation mobility options available to people with disabilities beyond the requirements of the Americans with Disabilities Act (ADA) of 1990.

NHS - National Highway System - ISTEA established a 155,000-mile NHS to provide an interconnected system of principal arterial routes to serve major travel destinations and population centers, international border crossings, as well as ports, airports, public transportation facilities, and other intermodal transportation facilities. The NHS must also meet national defense requirements and serve interstate and inter-regional travel. Designation of the actual routes in the system is a cooperative process whereby the states (SCDOT) propose the NHS to the U.S. Secretary of Transportation. Congressional approval by November is required. Eligible projects of NHS funding include new construction, reconstruction, and rehabilitation of highways, operational improvements, mass transit projects in an NHS corridor, safety improvement, transportation planning, traffic management and control, parking facilities, carpool projects, and bicycle and pedestrian projects. In areas that do not meet federal clean air standards, up to 100% of NHS funding is transferable to the STP upon request of the state.

Network Level Analysis - An analysis pertaining to policy, system planning, programmatic, or budgeting issues for the whole inventory of facilities (usually bridge and pavement) or a subset thereof.

Non-attainment Area - "Any geographic region of the United States that the EPA has designated as non-attainment for (a) transportation related pollutant(s) for which a national ambient air quality standard exists." Levels of non-attainment are: marginal, moderate, major, and severe.

OA - Obligation Authority - The authority granted by USDOT for the states to obligate appropriated federal funds. OA is generally less than appropriated amounts, with the difference used to finance the federal deficit.

Paratransit - Forms of transportation services that are more flexible and personalized than conventional fixed route, fixed schedule service, but not including such exclusive services as charter bus trips. The vehicles are usually low- or medium-capacity highway vehicles, and their service offered is adjustable in various degrees to individual user's desires. Its categories are public, which is available to any user who pays a predetermined fare (such as taxis), and semipublic, which is available only to people of a certain group, such as the elderly, employees of a company, or residents of a neighborhood.

PMS - Pavement Management System - A systematic process that collects and analyzes pavement information used as input in selecting cost-effective strategies for providing and maintaining pavements in a serviceable condition.

PE - Preliminary Engineering - The phase of project implementation that occurs after programming, but before right-of-way acquisition and construction. It includes environmental analysis and preliminary design.

Principle Arterial - The functional classification system at the federal level defines principal arterials for rural areas, urbanized area, and small urban areas. (Note: other definitions of principal arterials exist.) In urbanized areas, the principal arterial system carries the major portion of trips entering and leaving the urban area, as well as the majority of through movements desiring to bypass the central city. Significant intra-area travel, such as between major inner city communities, or between major suburban centers, as well as continuity for all rural arterials which intercept the urban boundary are also included. 40-65% of the VMT (see definition below) is accounted for on this system. Because of the nature of travel served by the principal arterials system, almost all fully and partially controlled access facilities will be part of this functional system, however; this system is not restricted to controlled access routes.

Privatization - The contracting of public services or selling public assets to private industry.

Programming - The inclusion of a candidate project in an officially endorsed TIP or STIP. The decision to program a project is based on an evaluation of its merits compared to other candidate actions. Programming is a commitment to the future implementation of the project, contingent upon the completion of required environmental analysis and available funding.

PIN - Project Identification Number - Unique number assigned by SCDOT to identify projects in the capital program.

Project Selection - After the programming process is complete, projects are selected for the obligation of federal funds based on readiness, for inclusion in the annual element of the TIP/STIP.

Responsible Agency - The agency that has agreed to be responsible for the state and local share of a federally funded project.

SAFETEA-LU – Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users of 2003 - On August 10, 2005 the President signed into law the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). This new law establishes extensive new resources and opportunities to advance highway safety throughout the country in a comprehensive, strategic manner. The Office of Safety is very encouraged by the opportunity this legislation offers for saving lives and reducing injuries on our Nation's highways.

SCDHEC – South Carolina Department of Health and Environmental Control - The state environmental protection agency responsible for air quality planning matters, particularly the adoption of the SIP (see definition below).

SCDOT – South Carolina Department of Transportation - The state transportation agency that is the owner/operator and maintainer of the state highway system. SCDOT is organized into a Central Office, which deals with statewide issues, and regional offices.

SOV - Single Occupancy Vehicle - Vehicles that contain only one occupant.

SIP - State Implementation Plan - An air quality plan mandated by the Federal Clean Air Act (FCAA), submitted by the South Carolina DHEC, Bureau of Air Quality. The SIP contains procedures to monitor, control, maintain, and enforce compliance with federal air quality standards.

STBG – Surface Transportation Block Grant Program - The FAST Act converts the long-standing Surface Transportation Program into the Surface Transportation *Block Grant* Program acknowledging that this program has the most flexible eligibilities among all Federal-aid highway programs and aligning the program's name with how FHWA has historically administered it. [FAST Act § 1109(a)]. The STBG promotes flexibility in State and local transportation decisions and provides flexible funding to best address State and local transportation needs.

STIP - Statewide Transportation Improvement Program - "A staged multi-year program of transportation projects that are capital and non-capital, highway and transit, metropolitan and non-metropolitan, federally funded and non-federally funded."

STP- Surface Transportation Program - One of the key capital programs created in the ISTEA, it provides flexibility in expenditures of funds for highways, transit, pedestrian, and bicycle facilities.

3C - "Three C" = continuing, comprehensive, and cooperative - This term refers to the requirements set forth in the Federal Highway Act of 1962 that transportation projects in urbanized areas be based on a "continuing, comprehensive transportation planning process carried out cooperatively by states and local communities." ISTEA's planning requirements broaden the framework for such a process to include consideration of important social, environmental and energy goals, and to involve the public in the process at several key decisionmaking points.

TEA-21 – Transportation Equity Act for the 21st Century – On June 9, 1998, the President signed into law PL 105-178, the Transportation Equity Act for the 21st Century (TEA-21) authorizing highway, highway safety, transit and other surface transportation programs for the next 6 years. Subsequent technical corrections in the TEA 21 Restoration Act have been incorporated; thus, the material presented here reflects the combined effects of both Acts and the two are jointly referred to as TEA-21. This legislation builds on the initiatives established in the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), which was the last major authorizing legislation for surface transportation. This new Act combines the continuation and improvement of current programs with new initiatives to meet the challenges of improving safety as traffic continues to increase at record levels, protecting and enhancing communities and the

natural environment as we provide transportation, and advancing America's economic growth and competitiveness domestically and internationally through efficient and flexible transportation.

TCM - Transportation Control Measure - A measure intended to reduce pollutant emissions from motor vehicles. Examples of TCMs include programs to encourage ride sharing or public transit usage, and city or county trip reduction ordinances.

TDM - Transportation Demand Management - A set of strategies to reduce the demand for transportation including, but not limited to, employer trip reduction, ride sharing, incorporation of flexible work schedules, and land use strategies to cluster development.

TIP - Transportation Improvement Program - "A staged multi-year program of transportation projects for a metropolitan planning area, excluding planning and research activities." A spending plan for federal funding expected to flow to the region from all sources for transportation projects of all types. By federal law, COATS prepares the TIP triennially with the cooperation of local governments, transit operators, and the South Carolina Department of Transportation. The TIP officially covers a five-year period.

TMA - Transportation Management Area - As defined by ISTEA; a TMA is designated by the Secretary of Transportation for all urbanized areas over 200,000 with boundaries contiguous to that of the MPO. TMA's must include a congestion management system (CMS) in their planning process and are responsible for project selection under the STP program.

TSM - Transportation Systems Management - an approach to congestion mitigation that seeks to identify improvements to new and existing facilities of an operational nature. These techniques are designed to improve traffic flow and safety through better management and operation of existing transportation facilities. Strategies include intersection improvements and signalization improvements, a freeway bottleneck removal program, and special events management strategies. These strategies are developed to reduce travel time and enhance system accessibility.

UPWP - Unified Planning Work Program - A federally required document annually produced by all MPOs that describes all metropolitan transportation and transportation related planning activities anticipated within the area during the new 1 or 2-year period regardless of funding source.

USDOT - United States Department of Transportation - The department of the federal government, which includes the Federal Highway Administration (FHWA) and the Federal Transit Administration. USDOT is headed by the Secretary of Transportation, cabinet-level.

Urbanized Area - An area with a population of 50,000 or more designated by the U.S. Census Bureau, within boundaries to be fixed by responsible state and local officials in cooperation with each other, subject to approval by the Secretary of Transportation.

VMT - Vehicle Miles Traveled - The sum of distances traveled by all motor vehicles in a specified region. Travel demand forecasting (modeling) is used to generate the average trip lengths for a region. The average trip length measure can be used in estimating vehicle miles of travel, which in turn is used in estimating gasoline usage or mobile source emissions of air pollutants.

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2020 – 2027 TIP

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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.

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