



SUATS

Sumter Area Transportation Study

Metropolitan Planning Organization

UNIFIED PLANNING WORK PROGRAM

**Fiscal Years 2024 - 2025
(July 1, 2023 - June 20, 2025)**

Program Contact

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ABSTRACT

Title: **FY 2024 – FY 2025 Unified Planning Work Program,
Sumter Area Transportation Study**

Date: **June 2023**

Abstract: The SUATS FY 2024 - 2025 Unified Planning Work Program (UPWP) describes all urban transportation and transportation-related planning activities anticipated for the period from July 1, 2023 to June 30, 2025. It contains a discussion of the major transportation issues, goals and objectives in the SUATS MPO Study Area.

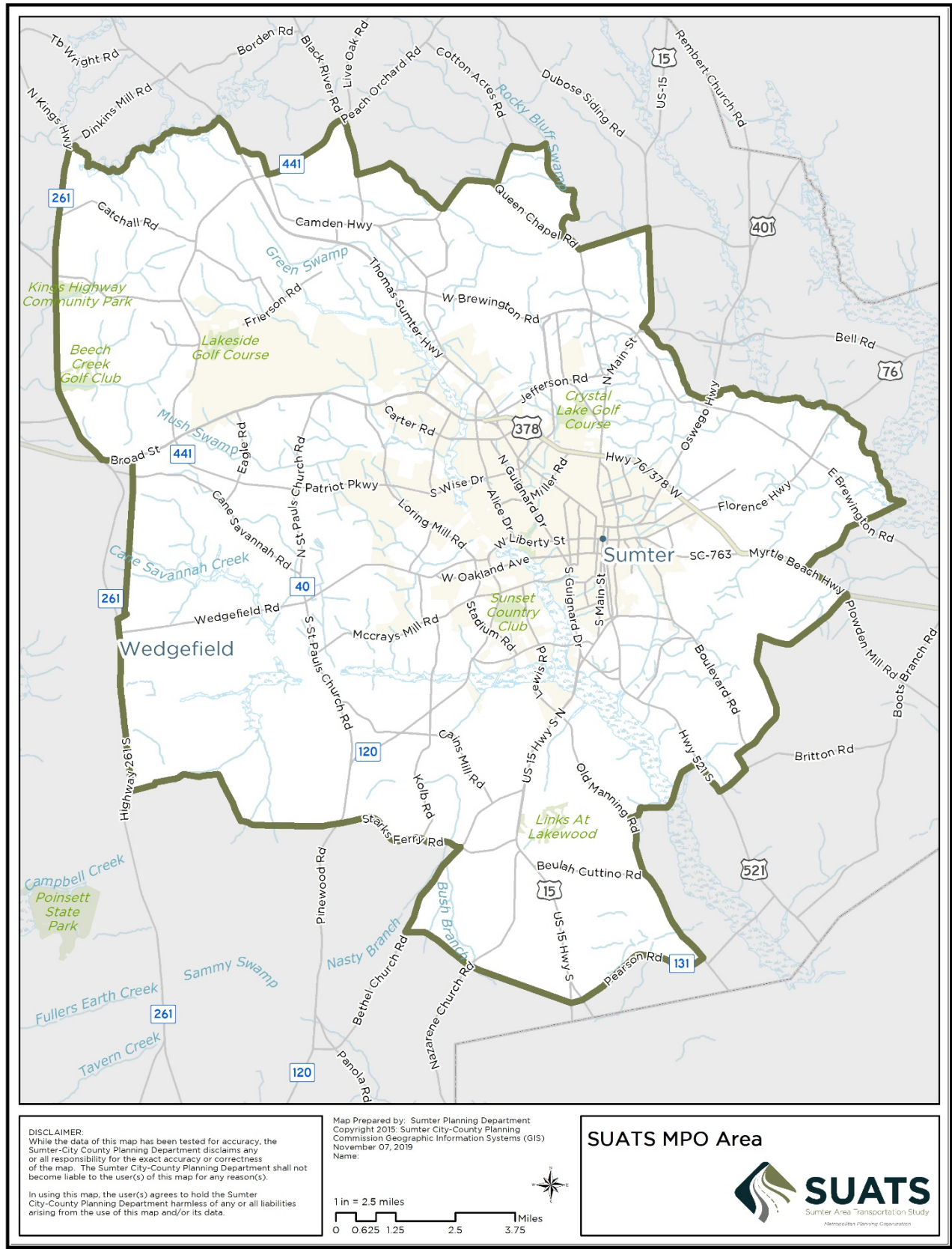
The UPWP consists of the following major tasks:

- Task 1 – Administration and Management
- Task 2 – Long Range Planning
- Task 3 – Short-Range Planning
- Task 4 - Transportation Improvement Program (TIP)
- Task 5 – Project Implementation and Monitoring
- Task 6- Modal Planning
 - A – Bicycle and Pedestrian
 - B – Transit
 - C – Intermodal Freight
- Task 7 – Transportation Data Collection and Analysis
- Task 8 – Land Use Monitoring and Analysis
- Task 9 - Public Involvement
- Task 10 – MPO Consultant Services

Specific details and activities for each major task are included.

Federal funding resources and budget summaries are included.

Acknowledgments: The Sumter Area Transportation Study (SUATS) Metropolitan Planning Organization (MPO), in cooperation with South Carolina Department of Transportation (SCDOT), the US Department of Transportation (Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)) and public transit operator Santee Wateree Regional Transit Authority (SWRTA) developed the this UPWP. The opinions, findings and conclusions expressed in this publication are those of the SUATS MPO and do not necessarily reflect the official views or policies of the SCDOT or the USDOT.



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SUATS MPO

Unified Planning Work Program

FY 2024- FY2025

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SECTION I: INTRODUCTION AND BACKGROUND

The Sumter Area Transportation Study (SUATS) is the Metropolitan Planning Organization (MPO) responsible for executing transportation planning for the Urbanized Area of Sumter County. The MPO's population is estimated at 85,708 based on the 2020 Census, with approximately half residing in the City of Sumter and the remainder in suburban areas surrounding the City (see map). This Work Program outlines the activities that SUATS will undertake in next two (2) fiscal years using federal transportation planning funds, along with local matching dollars.

Transportation is a dominant factor in every person's life. The reason we conduct transportation planning is to ensure that the transportation system will be able to meet the future mobility needs of people and provide for continued and sustainable growth and development.

Federal regulations require that all urban areas of 50,000 or more population develop and maintain a comprehensive, cooperative, and continuing (3-C's) transportation planning process. To accomplish this in Sumter, an agreement was made in 1966 between the City of Sumter, Sumter County and the South Carolina Department of Transportation (then called the South Carolina Department of Highways and Public Transportation) which established the Sumter Area Transportation Study (SUATS). With this agreement, Sumter became the fifth community in South Carolina designated as an MPO.

To properly evaluate economic potential, identify real and potential problems, and determine cost effective methods to achieve community goals, a viable planning program must be continued and strengthened over the future years. In recognition of this fact, Sumter City Council, in 1952, established a City Planning Commission and later, January 1, 1972, formed with the County a City-County Planning Commission under Act 487 of 1967. Part of the mission of this Commission was for the expressed purpose of preparing and keeping up to date the long range comprehensive and transportation plans for all portions of the City and County. The Sumter City-County Planning Department continues to serve as the support staff of the Sumter Area Transportation Study.

SUATS utilizes the ten (10) planning emphasis areas (PEA) outlined in current federal transportation legislation, as well as the additional planning factor established by the *Infrastructure Investment and Jobs Act (IIJA)*.¹² Increased participation from all shareholders, operational improvements, protection of existing corridors and improvements to bicycling, walking and transit facilities are all given greater emphasis. Our planning process emphasizes the importance of connectivity and managing access to tour corridors. Federal Transportation funding includes highway, motor vehicle safety, public transportation, freight, research, and other transportation related programs.

The objectives, methodology, products and anticipated milestones are outlined for each activity, as well as the level of staffing and funding that will be utilized for each category. Milestones may be specified by either year or quarter.

¹ Planning Emphasis Areas are contained in 23 USC 134(b) – *Metropolitan Transportation Planning*.

² *IIJA* added a new planning factor - Planning Factor (E): The metropolitan planning process shall provide for consideration of projects and strategies that promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns. (23 USC 134(b)(1)(E))

PLANNING EMPHASIS AREAS

The *Infrastructure Investment and Jobs Act (IIJA)* (Public Law 117-58) requires development of new policies while providing new direction in transportation.³ This work program presents several key planning issues facing the MPO.

While States are ultimately responsible for deciding how their formula and allocated funding is prioritized, FHWA as an agency, consistent with existing Administration policy, continues to support the following goals:

- Improving the condition, resilience, and safety of road and bridge assets consistent with asset management plans (including investing in preservation of those assets) [23 U.S.C 119];
- Promoting and improving safety for all road users, particularly vulnerable users, and supporting major actions and goals consistent with the U.S. Department of Transportation's January 2022 National Roadway Safety Strategy for safer people, safer roads, safer vehicles, safer speeds, and enhanced post-crash care [23 U.S.C. 148];
- Supporting accelerated project delivery and an efficient environmental review process through the One Federal Decision framework and by continuing to coordinate with other Federal partners to ensure that the benefits of projects are realized as soon as possible [23 USC 139];
- Making streets and other transportation facilities accessible to all users and compliant with the Americans with Disabilities Act [49 CFR 37];
- Addressing environmental impacts ranging from storm water runoff to greenhouse gas emissions [23 U.S.C. 175, 23 USC 176];
- Prioritizing infrastructure that is less vulnerable and more resilient to a changing climate [23 USC 101, 23 USC 119, 23 USC 176, 23 USC 520];
- Future-proofing our transportation infrastructure by accommodating new and emerging technologies like electric vehicle charging stations, renewable energy generation, and broadband deployment in transportation rights-of-way [sec. 11401 of BIL, 23 CFR 645]; and
- Reconnecting communities and reflecting the inclusion of disadvantaged and under-represented groups in the planning, project selection, and design process [sec. 11509 of BIL].

For SUATS, as performance-based planning standards continue to grow, the primary performance metric for the MPO will be safety. Increases in high density developments create continuous strain on the transportation network, and deterioration of existing infrastructure presents safety risks. Another continuing key issue for the SUATS MPO is providing a multimodal transportation network that can be financially sustained. Constant changes in the economy offer a tremendous challenge for SUATS. A greater emphasis on operational improvements and protection of existing corridors through access management offers that can significantly improve congestion and safety on our streets and roads at relatively low cost.

With growth, planning to reduce/mitigate congestion, greater demographic data development of the entire MPO area will be needed, and there will be greater need for GIS data. SUATS is also increasing emphasis on all modes of transportation in an effort to improve traffic flow, increase public involvement in the planning process, and provide alternatives for residents.

Planning Emphasis Area #1	Complete Streets
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SUATS will continue to review current policies, rules, and procedures to determine their impact on safety for all road users. This effort works to include provisions for safety in future transportation infrastructure, particularly those outside automobiles. A complete street is safe, and feels safe, for everyone using the street. SUATS will plan, develop, and operate streets and networks that prioritize safety, comfort, and access to destinations for people who use the street

³ The *Infrastructure Investment and Jobs Act (IIJA)* (Public Law 117-58) is the current Surface Transportation Legislation establishing funding and policy priorities for the United States. It provides \$550 billion over fiscal years 2022 through 2026 in new Federal investment in infrastructure, including in roads, bridges, and mass transit, water infrastructure, resilience, and broadband.

network, including pedestrians, bicyclists, transit riders, micro-mobility users, freight delivery services, and motorists. The goal is to provide an equitable and safe transportation network for travelers of all ages and abilities, including those from marginalized communities facing historic disinvestment.

This vision is not achieved through a one-size-fits-all solution – each complete street is unique and developed to best serve its community context and its primary role in the network. Based on 2019 data from the National Highway Traffic Safety Administration, 62% of motor vehicle crashes that resulted in pedestrian fatalities took place on arterial roads. Arterial roads tend to be designed for vehicle movement rather than mobility for non-motorized users and often lack convenient and safe crossing opportunities. They can function as barriers to a safe travel network for road users outside of vehicles. To be considered complete, these roads should include safe pedestrian facilities, safe transit stops (if present), and safe crossing opportunities on an interval necessary for accessing destinations. A safe and complete network for bicycles can also be achieved through a safe and comfortable bicycle facility located on the roadway, adjacent to the road, or on a nearby parallel corridor.

Planning Emphasis Area #2	Data Driven Transportation Planning
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To address the emerging topic areas of data sharing, needs, and analytics, SUATS incorporates data sharing and consideration into the transportation planning process, because data assets have value across multiple programs. Data sharing principles and data management can be used for a variety of issues, such as freight, bike and pedestrian planning, equity analyses, managing curb space, performance management, travel time reliability, connected and autonomous vehicles, mobility services, and safety. Developing and advancing data sharing principles allows for efficient use of resources and improved policy and decision-making.

Planning Emphasis Area #3	Support for Underserved and Disadvantaged Communities in Transportation Planning
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SUATS will work to support underserved and disadvantaged communities in transportation planning. This will help ensure public involvement in the planning process and that plans and strategies reflect various perspectives, concerns, and priorities from impacted areas. SUATS will develop strategies that: (1) improve infrastructure for non-motorized travel, public transportation access, and increased public transportation service in underserved communities; (2) plan for the safety of all road users, particularly those on arterials, through infrastructure improvements and advanced speed management; (4) offer reduced public transportation fares as appropriate; (5) target demand-response service towards communities with higher concentrations of older adults and those with poor access to essential services; and (6) consider equitable and sustainable practices while developing transit-oriented development including affordable housing strategies and consideration of environmental justice populations.

The term “underserved communities” refers to populations sharing a particular characteristic, as well as geographic communities, that have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life, as exemplified by the list in the preceding definition of “equity.” In addition, *Executive Order 14008* and *M-21-28* provides a whole-of-government approach to advancing environmental justice by stating that 40% of Federal investments flow to disadvantaged communities. SUATS will work with partners to review current and new MPO transportation plans to advance Federal investments to disadvantaged communities.

Planning Emphasis Area #4	Enhancing Public Involvement
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Early, effective, and continuous public involvement brings diverse viewpoints into the decision-making process. SUATS will work to increase meaningful public involvement in transportation planning by integrating Virtual Public Involvement (VPI) tools into the overall public involvement approach while ensuring continued public participation by individuals without access to computers and mobile devices. The use of VPI broadens the reach of information to the public and

makes participation more convenient and affordable to greater numbers of people. Virtual tools provide increased transparency and access to transportation planning activities and decision-making processes. Many virtual tools also provide information in visual and interactive formats that enhance public and stakeholder understanding of proposed plans, programs, and projects. Increasing participation earlier in the process can reduce project delays and lower staff time and costs.

Planning Emphasis Area #5	U.S. Department of Defense (DOD) Coordination / Strategic Highway Network (STRAHNET)
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SUATS works with Shaw Air Force Base in the transportation planning and project programming process to advance infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DoD facilities. According to the Declaration of Policy in *23 U.S.C. 101(b)(1)*, it is in the national interest to accelerate construction of the Federal-Aid Highway System, including the Dwight D. Eisenhower National System of Interstate and Defense Highways, because many of the highways (or portions of the highways) are inadequate to meet the needs of national and civil defense. The road networks that provide access and connections to these facilities are essential to national security. The 64,200-mile STRAHNET system consists of public highways that provide access, continuity, and emergency transportation of personnel and equipment in times of peace and war. It includes the entire 48,482 miles of the Dwight D. Eisenhower National System of Interstate and Defense Highways and 14,000 miles of other non-Interstate public highways on the National Highway System. The STRAHNET also contains approximately 1,800 miles of connector routes linking more than 200 military installations and ports to the primary highway system. Military facilities are often major employers in a region, generating substantial volumes of commuter and freight traffic on the transportation network and around entry points to the military facilities. Shaw Air Force Base is no exception, serving as a major economic driver in the SUATS MPO.

Planning Emphasis Area #6	Reducing Vulnerability and Enhancing Resiliency to a Changing Climate
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SUATS will work with FHWA, FTA, and SCDOT to ensure that regional transportation plans and infrastructure investments help achieve the national greenhouse gas reduction goals of 50-52% below 2005 levels by 2030, and net-zero emissions by 2050, and increase resilience to extreme weather events and other disasters resulting from the increasing effects of climate change. SUATS will use the transportation planning process to accelerate the transition toward electric and other alternative fueled vehicles, plan for a sustainable infrastructure system that works for all users, and undertake actions to prepare for and adapt to the impacts of climate change.

Planning Emphasis Area #7	Coordination with Federal Land Management Agencies (FLMA)
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SUATS will coordinate with appropriate FLMAs in the transportation planning and project programming process on infrastructure and connectivity needs related to access routes and other public roads and transportation services that connect to Federal lands. Through joint coordination, we focus on integration of transportation planning activities and develop cross-cutting State and local long range transportation plans, programs, and corridor studies, as well as the Office of Federal Lands.

SUATS will explore opportunities to leverage transportation funding to support access and transportation needs of FLMAs before transportation projects are programmed in the Transportation Improvement Program (TIP). SUATS will also involve FLMAs in the development of the metropolitan transportation plan and the TIP (*23 CFR 450.316(d)*). Additionally, the Tribal Transportation Program, Federal Lands Transportation Program, and the Federal Lands Access Program TIPs must be included in the STIP, directly or by reference, after FHWA approval in accordance with *23 U.S.C. 201(c)* (*23 CFR 450.218(e)*).

OTHER MODES OF TRANSPORTATION

PUBLIC TRANSIT

The Santee-Wateree Regional Transportation Authority, commonly referred to as SWRTA, is the designated public transportation provider for the SUATS area, and provides fixed-route and on-demand public transportation services. SWRTA also serves the four-county Santee-Lynches region, which includes Clarendon, Kershaw, Lee and Sumter Counties. Additionally, SWRTA provides transit services for Calhoun and Orangeburg Counties on a contract basis. SWRTA operates +/- 18 buses (capacity 20-40 persons), and 25 Paratransit vehicles (capacity 5-14 persons) to provide public transit and contract services to its primary service area (not including Orangeburg and Calhoun Counties).

SWRTA's operations are headquartered in the James E. Clyburn Intermodal Transportation Center, which opened in 2008 at 129 South Harvin Street in the City of Sumter.

As Sumter and the surrounding counties continue to attract economic opportunities to the area, SWRTA will play a vital role to enhance the economic growth in the region by providing alternative accessible public transportation services for employees. Moreover, public transit services in the region provide the general public essential and life enriching services that include medical, education, social, employment and recreation. Subsequently, SWRTA continues to explore ways to remain innovative in order to provide safe, efficient, reliable, coordinated and affordable public transportation services.

AIR TRANSPORTATION

The Sumter Airport (SMS), which is owned and operated by the County of Sumter, consists of approximately 650 acres located 3 miles northeast of the City of Sumter. Airport facilities consist of a main terminal, 30 T-hangars, 2 large corporate hangars, and an aircraft maintenance hangar. There is also a CAP (Civil Air Patrol) Composite Squadron located at the airport.

The airport has 2 runways; a 5500' x 100' paved runway and a 3200' x 120' turf runway. The primary paved runway is served by an ILS approach, 2 precision and 2 non-precision GPS approaches, as well as an NDB approach.

The airport serves as a major economic asset to the local business community. Another mission of the airport is to promote a general awareness of aviation and its overall importance to the area. The facility serves turboprops, corporate jets, and various other single and multi-engine aircraft. Flight training is also provided through the FBO (Fixed Base Operator).

STATUS OF COMMUNITY PLANNING

The City of Sumter and Sumter County both have adopted and maintain land use planning programs and future land use plans in accordance with the *South Carolina Local Government Planning Enabling Act of 1994, as amended*. The Sumter City-County Planning Commission was created by resolution in January 1971 and consists of a nine-member body appointed jointly by the City and County Councils. Land use planning for both local governments is implemented by and through the Sumter City-County Planning Commission. A 10-year Comprehensive Plan was adopted by both City and County Councils in December 2019 and is currently being utilized to inform land use policy.

The City and County's vision is to guide growth to create a world class image and a strong community character. This vision is accomplished through:

- Downtown Revitalization;
- Improving customer/citizen support through timely actions;
- Increasing citizen input opportunities through surveys, specific topic workshops and public meetings;
- Expansion of GIS & GPS usage throughout local government;
- Improvement to community functionality and appearance;

- Coordination and implementation of the Comprehensive Plan and the Long-Range Transportation Plan;
- Protection of key highway corridors through design and access management strategies;
- Emphasizing development of a truly walkable community through development of interconnected pedestrian infrastructure.

Since adoption of City and County Zoning and Development Standards Ordinances and a Comprehensive Plan adoption, improvements have been achieved through a series of ordinance amendments and updates in response to changing community needs and expectations. As growth and development patterns change with economic conditions and demographics, transportation has remained a focal point in the everyday planning process.

SUATS adopted a 2045 Long Range Transportation Plan (LRTP) in 2018 and the City of Sumter has carried out planning studies focused on downtown master planning and the Sumter housing market. A new LRTP with a horizon year of 2050 will be completed and adopted by the end of 2023.

ORGANIZATION AND MANAGEMENT

SUATS is comprised of two (2) committees. These committees are the Policy Committee, and the Technical Coordinating Committee (Study Team). The SUATS Policy Committee has been designated by the local governments and the Governor of South Carolina as the Metropolitan Planning Organization for the Sumter Urbanized Area.

The Policy Committee is made up of elected and appointed officials from local and state governmental agencies that are concerned with transportation planning in Sumter County. It serves as a forum for cooperative transportation decision-making, and establishes transportation-related policies in support of the area's overall goals and objectives. It reviews and approves all SUATS programs and studies, ensures that the SUATS transportation plans are current, and prioritizes transportation projects recommended in the planning process.

The Technical Coordinating Committee, also known as the Study Team, is made up of key government and stakeholder staff members who are involved in the technical aspects of transportation planning. It reviews and evaluates studies made by the staff and the public and prepares recommendations for the Policy Committee. The Technical Committee is entrusted with providing technical guidance and direction to SUATS.

The Sumter City-County Planning Commission is a joint planning agency established by the Sumter City and County Councils in January 1971. The Commission is made of 9 members (3 appointed by the City, 3 by the County, and three by both jurisdictions together). The City-County Planning Department implements planning and zoning functions, transportation planning, historic preservation, codes enforcement and project administration.

The Director of the Sumter City-County Planning Department serves as the de-facto SUATS Executive Director and leads the SUATS Technical Coordinating Committee (Study Team). The Sumter City-County Planning Department provides staff for all SUATS functions. The SUATS "study area" includes a +/- 200 square mile portion of Sumter County, South Carolina. This study area represents a 20-year growth projection of the urban area defined by the U.S. Census.

SECTION II: MEMBERSHIP

Policy Committee			
Name	Position	Organization	Membership Status
David P. Merchant	Mayor	City of Sumter	Voting Member
James T. McCain, Jr.	Council Chairman	Sumter County	Voting Member
<i>vacant</i>	Councilman	City of Sumter	Voting Member
James Byrd, Jr.	Councilman	Sumter County	Voting Member
J. Thomas McElveen, III	Senator	SC General Assembly	Voting Member
Hugh M. McLaurin, IV	Chairman	Sumter County Transportation Committee	Voting Member
J. David Weeks	Representative	SC General Assembly	Voting Member
G. Murrell Smith	Representative	SC General Assembly	Voting Member
Greg A. Thompson	Chairman	Sumter Development Board	Voting Member
James Munford	Chair	Sumter City-County Planning Commission	Voting Member
Deron McCormick	City Manager	City of Sumter	Ex Officio (non-voting)
Gary Mixon	County Administrator	Sumter County	Ex Officio (non-voting)
Col. Lawrence T. Sullivan	Base Commander	Shaw Air Force Base	Ex Officio (non-voting)
David E. "Gene" Branham	5 th District Commissioner	SCDOT	Ex Officio (non-voting)
John Barnwell Fishburne	6 th District Commissioner	SCDOT	Ex Officio (non-voting)

Bold denotes Committee Chair. Chairmanship rotates annually between City of Sumter and Sumter County.

Technical Review Committee (Study Team)		
Name	Position	Organization
Helen Roodman	Planning Director	Sumter City/County Planning Department
Jeff Derwort	Zoning Administrator	Sumter City/County Planning Department
Kyle Kelly	Senior Planner (Transportation)	Sumter City/County Planning Department
Michael Geddings	Public Services Director	City of Sumter
Karen Hyatt	Public Works Director	Sumter County
Robert Dickinson	Administrator	SCDOT District 1
Lori Campbell	Traffic Engineer	SCDOT District 1
Christina Lewis	Statewide Planning Director	SCDOT Planning Office
Mark Pleasant	Community Planner	Federal Highways Administration
Jack Blackwell	Project Manager, Pee Dee RPG	SCDOT
Ken Martin	Project Manager, Pee Dee RPG	SCDOT
<i>vacant</i>	Executive Director	Santee-Wateree Regional Transportation Authority
Ashley Nichols	Community Planner	Shaw Air Force Base
Chris Hardy	President	Greater Sumter Chamber of Commerce
Sam Myers	Chief of Operations	Sumter School District
Brian Jones	Transportation Supervisor	Sumter School District
Sandra Riley	Resident Maintenance Engineer	Sumter County SCDOT Maintenance Office
Wade Warr	Resident Construction Engineer	Sumter County SCDOT Construction Office
Jeff Parkey	Regional Planning Director	Santee-Lynches Council of Governments
Jake Whitmire	Regional Planner	Santee-Lynches Council of Governments
Cothea Scott	Regional Program Manager, Office of Public Transit	SCDOT
Doug Frate	Intermodal and Freight Programs Director	SCDOT
Johnathan Bryan	County Attorney	Sumter County
Howie Owens	Assistant City Manager	City of Sumter
Bobby Galloway	Purchasing Director	Sumter County
David Gray	Multimodal Planning Manager, Intermodal and Freight Programs	SCDOT
Diane Lackey	Multimodal Planning Manager, Intermodal and Freight Programs	SCDOT
Brian Rauschenbach	Economic Development Project Manager	TheLink Economic Development Alliance

Bold denotes Committee Chair

SECTION III: WORK AREAS

The Unified Planning Work Program (UPWP) is a work program comprised of tasks to achieve the overall goal of bringing effective transportation improvements to the SUATS planning area. Each task has its own objective and is identified with the source of staffing to carry out the task to produce final products.

This work program will cover two consecutive years (FY 2024 and FY 2025).

EMPHASIS AREAS

SUATS will continue to incorporate the Planning Emphasis Areas (PEA's) outlined in *23 USC 134(b)* into its transportation planning program:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized uses;
4. Increase the accessibility and mobility for people and freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvement and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve transportation system resiliency and reliability and reduce or mitigate the storm water impacts of the surface transportation system; and
10. Enhance travel and tourism.

Throughout the lifecycle of this UPWP, these factors are associated with the function and coordination of the multimodal transportation planning process.

UPWP	Planning Emphasis Areas (PEA)									
Task	1	2	3	4	5	6	7	8	9	10
1							*			
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	*	*
6-A	*	*	*	*	*	*	*	*	*	*
6-B	*	*	*	*	*	*	*		*	*
6-C	*	*	*	*	*	*	*	*	*	
7	*				*	*	*	*	*	*
8	*	*	*	*	*		*	*	*	
9	*			*		*				
10	*	*	*	*	*	*	*	*	*	*

Task 1 GENERAL ADMINISTRATION

OBJECTIVE: Effectively administer and manage the initiatives of the SUATS MPO, ensure compliance with federal and state requirements, and coordinate MPO activities with those of local and state agencies.

SCOPE/WORK ACTIVITIES: Correspondence, memoranda, agreements, agenda, recordkeeping and minutes produced by staff, as well as coordination with the Policy and Technical Committees.

The following specific work activities are expected to be performed:

- Arrange meetings, prepare and distribute meeting notices, agendas, and agenda materials.
- Record meeting minutes.
- Maintain financial records of revenues and expenditures.
- Prepare certification documentation, agreements, resolutions, and memoranda of understanding on behalf of SUATS.
- Monitor implementation of the current UPWP, amend as necessary to address performance goals and measures as released.
- Prepare application packages for various federal-aid transportation programs and attend professional conferences and training/professional development opportunities.
- Advise and inform participating agencies on programmatic details and expenditures.
- Purchase/maintain computer hardware, software, and upgrades.
- Purchase/maintain office equipment and supplies.
- Attend training seminars, conferences and workshops to enhance transportation planning skills and knowledge base;
- Prepare timesheets, annual, and quarterly reports documenting activities.

STAFFING: Sumter City-County Planning Department staff will be utilized.

Deliverable Product

2. UPWP amendments, if necessary
3. Quarterly and Final Progress Reports
4. MPO Resolutions
5. Grant Applications
6. Annual Audit

Expected Completion Date

- As Required
End of each Quarter
As Required
As Required
June 2024, June 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 16,012	\$ 20,000
Local	\$ 4,003	\$ 5,000
Total	\$ 20,015	\$ 25,000

Task 2 LONG RANGE PLANNING

OBJECTIVE: Provide comprehensive oversight of the various long-range planning documents and policies within the Sumter community that influence transportation to ensure that such policies are aimed towards meeting coordinated, unified goals and objectives.

SCOPE/WORK ACTIVITIES: All transportation-related documents will be reviewed and analyzed by staff to minimize duplication and potential policy conflict in transportation planning and implementation. SUATS will consider Planning Emphasis Areas outlined in *23 USC 134(b)* in all planning and project development to ensure the development of an effective 2050 Long Range Transportation Plan and implementation of the LRTP.

The following specific work activities are expected to be performed:

- Update LRTP for 2050 horizon year;
- Develop updated travel demand model for inclusion in LRTP update
- Continue regional cooperation and coordination with partner organizations;
- Include System Performance Report(s) in LRTP to reflect latest progress on TPM targets;
- Identify candidate projects for inclusion in the Transportation Improvement Program (TIP);
- Receive guidance and consultation from SCDOT and FHWA;
- Implement recommendations of the SUATS LRTP;
- Apply for federal transportation grants and other transportation funding programs if necessary;
- Identify alternative funding sources for unfunded SUATS projects in the LRTP, including coordination with County Transportation Sales Tax and County C-Fund Programs.
- Incorporate performance-based planning and programming principals into long-range plans.
- Update and revise Sumter City and County Land Development Ordinances related to transportation (site development standards, traffic impact study requirements, overlay districts, landscaping)

STAFFING: Sumter City-County Planning Department staff will be utilized. Consulting services may be obtained if required.

Deliverable Products

	<u>Estimated Completion Date</u>
1. Develop LRTP Update for 2050 horizon year	November 2023
2. LRTP Adopted	December 2023
3. LRTP Amended	As required
4. Complete 5-year Transportation Element Update for Sumter 2040 Comprehensive Plan	December 2024
5. Complete Shaw AFB/Sumter Joint Land Use Plan (JLUS) Update	June 2025
6. City Land Development Ordinance Updated	June 2025
7. County Land Development Ordinance Updated	June 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 24,000	\$ 17,904
Local	\$ 6,000	\$ 4,476
Total	\$ 30,000	\$ 22,380

Task 3 SHORT-RANGE PLANNING

OBJECTIVE: To identify short range projects, and provide coordinated transportation planning studies and traffic engineering analyses to maximize the efficiency of the transportation system.

SCOPE/WORK ACTIVITIES: Small area studies will be undertaken along congested, unsafe, and/or economically underutilized corridors and around priority intersections to identify deficient operating characteristics and recommend appropriate improvement options. In addition, staff will review and evaluate system performance data provided by SCDOT (including reliability, safety, pavement, bridges, and freight).

The following specific work activities are expected to be performed:

- Site plan reviews (transportation impacts/encroachments); complete streets review
- Thoroughfare and sub-area planning implementation.
- Corridor plan studies / preservation ordinances.
- Access Management studies; promotion of consistent standards.
- Intersection improvement studies.
- Traffic Operations / Commission Support.
- Traffic Calming programs.
- Performance management data evaluation

STAFFING: Sumter City-County Planning Department staff will be utilized. Consulting services may be obtained if required.

Deliverable Products

<u>Deliverable Products</u>	<u>Estimated Completion Date</u>
1. Corridor Studies (specific studies will be added via amendment)	As required
2. Traffic Calming Reports	As required
3. Sub Area Plans	As required
4. Site Plan and Subdivision Reviews for City of Sumter and Sumter County.	As required
5. Complete Pavement Marking Update Plan	June 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 16,000	\$ 25,600
Local	\$ 4,000	\$ 6,400
Total	\$ 20,000	\$ 32,000

Task 4 TIP DEVELOPMENT AND MAINTENANCE

OBJECTIVE: Develop and maintain a Transportation Improvement Plan (TIP) that accurately reflects transportation needs and priorities established by the SUATS Policy Committee.

SCOPE/WORK ACTIVITIES: The TIP will be updated on a regular basis, as new project information is collected and milestones reached. Staff will also work with SCDOT to ensure that the SUATS TIP remains consistent with the Statewide Transportation Improvement Program (STIP).

The following specific work activities are expected to be performed:

- Coordinate with SCDOT for guidance on the process, and requirements of FHWA/FTA and inclusion of TIP projects in the STIP.
- Developing methodologies to objectively evaluate projects following state and federal guidelines.
- Analyze proposed amendments and administrative corrections to the current TIP for policy implications, financial impact, and alignment with performance measures.
- Track status of project implementation and update projects listed as needed to maintain a historical record of projects within the current TIP.
- Obtain project cost estimates, as well as information on the status of approved TIP projects, including funding obligations, from SCDOT staff.
- Coordinate with SCDOT planning staff to obtain information from various departments and divisions of SCDOT, including Local Public Agency Administration (LPAA) staff, for maintenance of the adopted TIP.
- Make draft TIP/STIP amendments available for public comment in accordance with the Public Participation Plan.

STAFFING: Sumter City-County Planning Department staff will be utilized.

Deliverable Products

Estimated Completion Date

1. Develop FY2024-FY2033 TIP	April 2024
2. FY2024-FY2033 TIP Adopted	May 2024
3. TIP maintained/amended/updated	As required
4. Advertisement of TIP Amendments for public review	As required
5. Submittal of TIP Amendments to SCDOT for inclusion in the STIP	As required
6. Maintain GIS Maps of active projects	Ongoing
7. Distribute Annual List of Obligated Projects (ALoOP)	January 2024, January 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 8,000	\$ 12,000
Local	\$ 2,000	\$ 3,000
Total	\$ 10,000	\$ 15,000

Task 5 PROJECT IMPLEMENTATION AND MONITORING

OBJECTIVE: To implement previously approved and funded transportation projects that will address the planning factors of the FAST Act.

SCOPE/WORK ACTIVITIES: This task will address the MPO's required role in the implementation of transportation projects that staff either implements annually, or that will be implemented during the period of this UPWP. Projects that will be implemented include:

The following specific work activities are expected to be performed:

- Monitor progress and provide support for transportation projects funded by 2014 Sumter Penny for Progress Local Options Sales Tax Program, including:
 - N. Main Street Corridor Improvement
 - Manning Avenue Corridor Improvement
 - Manning Avenue Bridge Replacement
 - Washington St. Intersection Improvements
- Monitor progress and provide support for transportation projects funded by SUATS Guideshare Funds, including:
 - West Liberty Street Road Diet
 - Broad St. at Robert Dinkins Rd Intersection Improvement
 - Broad St. at N. Saint Paul's Church Rd. Intersection Improvement
 - Broad St. at Loring Mill Rd. Intersection Improvement
 - US-378 (Robert Graham Freeway) Operational Design Improvements
 - Lafayette Drive (US-15) Operational Design Improvements

STAFFING: Sumter City-County Planning Department staff will be utilized.

Deliverable Products

1. Project Status Reports to Policy Committee
2. Deliver Project Status Reports to City and County Councils

Estimated Completion Date

Ongoing
As Required

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 19,600	\$24,000
Local	\$ 4,900	\$6,000
Total	\$ 24,500	\$30,000

Task 6A BICYCLE AND PEDESTRIAN PLANNING

OBJECTIVE: Coordinate efforts to implement transportation improvements for bicycle and pedestrian modes of transportation, and assess needs based on existing use, census patterns, and areas of projected development.

SCOPE/WORK ACTIVITIES: Expected products will include feasibility studies for specific bicycle and pedestrian improvements, staff reports which incorporate comments from the technical review committee and/or planning staff and review of new development proposals to ensure compatibility with complete streets policies. This Task represents an increased emphasis on alternate means of mobility (cycling, walking and transit) in order to sustain our transportation infrastructure and community.

The following specific work activities are expected to be performed:

- Monitor and update regional pedestrian and bicycle plan to ensure facilities are designated and constructed as part of an integrated network;
- Develop project applications for Transportation Alternatives Program (TAP) funding consideration;
- Encourage developers to place bicycle and pedestrian infrastructure in new developments, as appropriate;
- Work with Sumter Penny for Progress Committee to develop local sales tax bicycle and pedestrian facilities projects;
- Ensure that all transportation projects conform to state and local Complete Streets policies;
- Advocate to local, regional, and state officials and members of the public on the needs and advantages of livability initiatives and active transportation facilities, including greenways, trails, and bicycle facilities;
- Work with statewide, and local agencies to obtain guidance, policy direction, and assistance to help improve accessible transportation offerings;

STAFFING: Sumter City-County Planning Department staff will be utilized. Consulting services may be obtained if required.

Deliverable Products

<u>Deliverable Products</u>	<u>Estimated Completion Date</u>
1. Monitor current sidewalk and bicycle lane networks and make recommendations for improvements, upon request	As required
2. Submittal of TAP Grant Applications	Twice Annually
3. Develop bicycle and pedestrian projects for future Sumter Local Option Sales Tax Referendum	November 2024
4. Evaluate pedestrian and bicycle facilities proposed in residential subdivision and commercial site plan developments	As required

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 32,500	\$ 32,500
Local	\$ 0	\$ 0
Total	\$ 32,500	\$ 32,500

Task 6B PUBLIC TRANSIT PLANNING

OBJECTIVE: Coordinate, expand, and enhance transit service in the SUATS study area and increase integration of transit in the transportation system's infrastructure.

SCOPE/WORK ACTIVITIES: Coordinate efforts to meet the need for public transportation and assist in monitoring public transportation routes to assess needs based on existing ridership, census patterns, and on areas of projected growth and development.

The following specific work activities are expected to be performed:

- Coordinate with local providers and assist in avoiding duplicated services.
- Work with planners and developers to investigate transit-oriented housing.
- Provide assistance for FTA grant applications, including purchase of services to improve ridership.
- Coordinate with SWRTA concerning recommendations and revisions to ridership and routing.
- Assist SWRTA to improve ridership by offering advice and identification of location needs for infrastructure such as installing bus stops and shelters or transit routes restructuring.
- Review and rank transit grant applications for priority of receiving funds in the SUATS area.
- Provide project support for implementation of the Santee-Lynches Regional Transit Framework Plan.
- Work with local planning agencies to create a model development guide for transit-focused developments.
- Collect, maintain, and update socio-economic and land use data for transit planning activities, and provide assistance with collection and/or analysis of usage data to support operational and service studies.
- Land use coordination for transit corridor implementation activities

STAFFING: Sumter City-County Planning Department staff will be utilized.

Deliverable Products

- | <u>Deliverable Products</u> | <u>Estimated Completion Date</u> |
|---|----------------------------------|
| 1. Technical Assistance to SWRTA, upon request | As required |
| 2. Monitor current fixed bus routes and make recommendations for improvements | As required |

Funding Source	FY2024	FY2025
FTA (5303)	\$ 18,500	\$ 20,000
Local	\$ 0	\$ 0
Total	\$ 18,500	\$ 20,000

Task 6C INTERMODAL FREIGHT PLANNING

OBJECTIVE: Identify and assess impact of concentrated areas of industrial and commercial development on the existing transportation system, and assess freight facilities and major freight routes within the SUATS area.

SCOPE/WORK ACTIVITIES: As part of all planning activities, SUATS will continue to coordinate with air, trucking and rail representatives to foster creation of efficient intermodal linkages identified as core elements in the Long Range Transportation Plan such as, but not limited to, the following

The following specific work activities are expected to be performed:

- Incorporate regional commodity flows and exchanges in freight logistics supply chains within the intermodal planning process;
- Attend training and conferences to increase staff capacity in multimodal planning.
- Study key freight access and transfer nodes, including interstate exits, truck freight corridors, and rail spurs
- Continued data monitoring and new industrial development surveillance;
- Integrate TRANSEARCH data into SUATS work products;
- Review and comment on SCDOT freight planning projects.
- Identify freight routes through a joint freight planning initiative with Santee-Lynches Regional Council of Governments and regional businesses;

STAFFING: Sumter City-County Planning Department staff will be utilized. Consulting services may be obtained if required.

Deliverable Products

1. Update industrial development locations map and database
2. Develop SUATS Priority Freight Network

Estimated Completion Date

As industry relocation occurs
June 2024

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 8,000	\$ 8,000
Local	\$ 2,000	\$ 2,000
Total	\$ 10,000	\$ 10,000

Task 7 DATA COLLECTION AND ANALYSIS

OBJECTIVE: Manage the data and software requirements necessary for maintaining and using SUATS GIS to support MPO planning activities (transportation, GIS layers, modeling, mapping, etc.), and Monitor the SUATS roadway system using data tools.

SCOPE/WORK ACTIVITIES: The SUATS GIS department routinely utilizes GIS technology for transportation planning and analysis. These efforts include but are not limited to: GIS coordination with member governments; spatial database inventorying, management and administration; vehicle traffic count analysis; environmental screening; demographics and research; Environmental Justice/Title VI compliance; and travel demand modeling.

Expected activities will be on-going maintenance of land use database accessible through the Geographic Information System (GIS) and census information completed with population and employment estimates.

The following specific work activities are expected to be performed:

- Continued updates and QA/QC of data layers generated in-house (e.g., population and employment forecasts, traffic counts, project lists, etc.);
- Continue to monitor regional growth trends by compiling data on population, employment, land use, environment, construction, economic indicators, transportation systems by appropriate units of geography such as Traffic Analysis Zone (TAZ).
- Maintain demographic and economic profiles of the region and subareas to support current programs and LRTP projects;
- Continue to refine and maintain the Sumter City and County web-based mapping tools for public use.
- Create GIS data to identify planned development locations and projected peak hour vehicle trips;
- Process SCDOT statewide traffic counts and develop appropriate traffic count maps and other forms of infographics for use by jurisdictions and the public.
- Continued coordination with member agencies to ensure that the most recent data is being used;
- Continued GIS support for various UPWP planning efforts.
- Cartography/Graphic support for visualization, public involvement, and scenario planning.
- Update and maintenance of GIS hardware and software components and associated Information Technology infrastructure and support as needed.

STAFF: Sumter City-County Planning Department staff will be utilized.

Deliverable Products

1. Publish traffic count maps and data analysis
2. Publish annual transportation data

Estimated Completion Date

January 2024, January 2025
January 2024, June 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 16,000	\$ 24,000
Local	\$ 4,000	\$ 6,000
Total	\$ 20,000	\$ 30,000

Task 8 LAND USE MONITORING AND ANALYSIS

OBJECTIVE: Monitor the Sumter area’s land use and development status, particularly high traffic producers such as new residential subdivisions, and commercial facilities such as shopping centers, in order to ensure coordination and compatibility with local transportation network plans.

SCOPE/WORK ACTIVITIES: Expected activities include maintenance of a land use database and various analytical and policy products that will assist the Sumter area in regulating land use in the context of transportation needs.

The following specific work activities are expected to be performed:

- Develop Corridor Design Guidelines for key economic investment corridors and implement zoning overlay districts.
- Update Highway Corridor Protection Zoning Overlay District Standards.
- Review Traffic Impact Studies for accuracy.
- Provide transportation analysis for Site Plan Reviews conducted by the Sumter City-County Planning Department.
- Work with SCDOT to regulate access management and connectivity for developments proposed by private sector.
- Compile and update databases for rezoning, conditional uses, subdivisions, site plans, and planned developments.
- Track growth and development throughout the study area using building permit submission data.
- Collect socioeconomic data, population, and employment to study growth trends and development.
- Complete annual report detailing location and type of developments.
- Invest in new databases, equipment, and software as necessary to monitor travel demand trends.
- Revisions/updates to City and/or County development ordinances as needed

STAFFING: Sumter City-County Planning Department staff will be utilized. Consulting services may be obtained if required.

Deliverable Products

<u>Deliverable Products</u>	<u>Estimated Completion Date</u>
1. Year End Sumter Planning Report	January 2024, January 2025
2. Maps for various land use applications	As needed
3. Update Highway Corridor Protection District Ordinance	June 2024
4. Develop Corridor Design Guidelines for North Main Street	December 2025
5. Develop Corridor Design Guidelines for Manning Avenue	March 2025
6. Develop Corridor Design Guidelines for West Liberty Street	June 2025

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 16,000	\$ 24,000
Local	\$ 4,000	\$ 6,000
Total	\$ 20,000	\$ 30,000

Task 9 PUBLIC INVOLVEMENT

OBJECTIVE: Actively seek citizen participation and involvement in SUATS updates and federally funded projects.

SCOPE/WORK ACTIVITIES:

The following specific work activities are expected to be performed:

- Update SUATS public information documents.
- Manage the public participation process for transportation projects, as required.
- Publicly advertise all meetings and planned projects in a timely manner.
- Seek public comments on all transportation-related documents.
- Prepare survey questionnaire forms and solicit public opinions on transportation related issues.
- Include public in workshops dealing with alternative modes of transportation.
- Devise strategies to reach and involve underserved populations in SUATS area.
- Hold public meeting to discuss the Transportation Planning Process, explain the public's role and solicit input.
- Increase use of visualization including maps, illustrations, and conceptual drawings.
- Implement measures outlined in Public Participation Plan.
- Post public notices, rent meeting space, and other associated expenses.
- Collect and report on Title VI nondiscrimination practices.
- Maintain website and social medial accounts.

STAFFING: Sumter City-County Planning Department staff will be utilized.

Deliverable Products

Estimated Completion Date

- | | |
|---|-------------|
| 1. Preparation of survey reports, if necessary | As required |
| 2. Meet with members of the public and community interest groups | Ongoing |
| 3. Prepare public display graphics, photos, maps and project descriptions | Ongoing |
| 4. Submit Quarterly Title VI Report to SCDOT | Quarterly |
| 5. Maintain SUATS Website | Ongoing |

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 14,400	\$ 16,000
Local	\$ 3,600	\$ 4,000
Total	\$ 18,000	\$ 20,000

Task 10 MPO CONSULTANT SERVICES

OBJECTIVE: To allow staff to utilize procured consultant services for specific engineering, planning, or other necessary services eligible for funding under the UPWP as needed in support of the various annual planning activities at SUATS.

SCOPE/WORK ACTIVITIES: This task provides access to expert professional services when required by staff in support of the various annual planning activities. Specifically, it allows SUATS to retain the services of procured consultants to assist with specific technical activities associated with a given project where current staff expertise and/or capacity may not be sufficient.

The following specific work activity examples include, but are not limited to:

- Annual Roadway and Transit Network Update
- Travel Demand Modeling
- Small Area Studies / Planning Analysis
- Freight Corridor Analysis
- Scenario Planning Applications
- Annual Socio-Economic & Land Use Update
- Implement Transportation Planning Activities as prescribed by law.
- Other skills that may be necessary to support the UPWP but may be currently absent at the staff level.

ACTIVE SPECIAL TRANSPORTATION STUDY PROJECTS (see project sheets on following pages):

Project Name	Total UPWP Funding	Source
Robert Graham Bypass Corridor Retrofit Feasibility Study	\$400,000	Guideshare
Corridor and Intersection Pavement Marking Upgrade Conceptual Design	\$60,000	UPWP
Travel Demand Model Update	\$120,000	UPWP

SCDOT and FHWA will have the opportunity to comment on requests for proposals prior to before soliciting for consulting services, in accordance with established LPA regulations.

STAFFING: Consultant work activities will be authorized and coordinated by SUATS Staff. Technical Team and Policy Committee members will be kept apprised of the consultant's work activities.

Deliverable Products

1. Final Study Documents and Associated Appendices

Estimated Completion Date

Based on schedule for each project

Funding Source	FY2024	FY2025
FHWA (PL)	\$ 88,000	\$ 56,000
Local	\$ 7,000	\$ 14,000
Total	\$ 95,000	\$ 70,000

LOCAL PUBLIC AGENCY (LPA)-ADMINISTERED TRANSPORTATION STUDY PROJECT

Project Name: Robert E. Graham Freeway Corridor Retrofit Feasibility Study

Project ID: P041937

Development of a plan to improve the US-378 corridor is recommended in the SUATS 2045 Long Range Transportation Plan. The Robert E. Graham Freeway (hereafter “US-378 Bypass”) is located at the northern boundary of the City of Sumter. One of the first bypass freeways built in South Carolina, the US-378 Bypass provides a freeway-style link between eastern and western Sumter County. Land uses along the Corridor include a regional commercial center, several multifamily apartment complexes, a county park, and other residential, commercial, and industrial land uses.

The project area extends from the intersection of Broad St. (US-378) and Camden Hwy (US-521) easterly to the intersection of the Robert E. Graham Freeway (US-378) and N. Main St. (US-15), covering a distance approximately 2.6 miles in length. The study area also includes N. Pike East and N. Pike West, which both serve as frontage roads to the Freeway.

SUATS’ goal for this project is to evaluate transportation needs in this key corridor and provide base conceptual engineering plans for the redesign of the Bypass to create a modern boulevard design or similar alternative that will enhance vehicle flow, improve safety, enhance mobility for non-motorized travelers, and expand connectivity between the northern and southern sections of the corridor.

Project Scope

1. Review of Local Policies and Planning Documents:
2. Community Outreach:
3. Analysis of Existing Traffic Conditions and Performance of Additional Traffic Data Collection
4. Physical Feature Data Collection and Analysis
5. Development of Alternative Conceptual Design Plans
6. Development of Estimates of Probable Cost
7. Final Summary Plan Report

Project Deliverable:

Creation of a Feasibility Study Document for SUATS that incorporates all project components detailed above.

Expected Project Timeline:

12-18 months from execution of consultant contract.

Anticipated Project Budget:

Funding Source (Guideshare)	
FHWA (PL)	\$320,000
SCDOT (match)	\$80,000
Total	\$400,000

LOCAL PUBLIC AGENCY (LPA)-ADMINISTERED TRANSPORTATION STUDY PROJECT

Project Name: SUATS 2050 Long Range Transportation Plan (LRTP) Travel Demand Modeling	Project ID: TBD
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As a federally designated MPO in an urbanized area exceeding a population of 50,000 area, the Long Range Transportation Plan (LRTP) must be updated every five (5) years. The proposed process for development of a new LRTP with a 2050 horizon year will be comprehensive in scope. In order to meet federal requirements, SUATS must periodically prepare and adopt a minimum 20-year long-range transportation plan (per the requirements of 23 CFR 450.306, 316 and 324). A critical element of that long-range transportation planning is maintenance/update of the region's travel demand model (TDM)

The selected consultant will be expected to provide technical expertise, oversight, and perform the primary work on the regional Travel Demand Model update including validation/calibration. Because SUATS does not have a recent and reliable Household Travel Survey and traffic counts for local streets, the MPO desires that the Consultant will identify a data source, such as disaggregated mobile phone location data, to serve as the basis for travel demand modeling, with SUATS staff providing support and guidance.

Project Scope

- Update/reconstruct existing travel demand model for existing traffic demand and future anticipated traffic demand on Sumter's transportation network.

TASK 1: Development of Model Network

TASK 2: External Trips and External Station Review and Update

TASK 3: Trip Generation Update

TASK 4: Special Generators Review and Update

TASK 5: Freight Integration

TASK 6: Trip Distribution Update

TASK 7: Mode Split Update

TASK 8: Model Calibration and Validation

TASK 9: Future Year E+C Model Runs (LRTP Support)

TASK 10: Project Documentation and Project Management

Project Deliverable:

Creation of an updated Travel Demand Model that incorporates all components detailed above and complies with Federal requirements for MPO long-range plans.

Expected Project Timeline:

3-6 months from execution of consultant contract.

Anticipated Project Budget:

Funding Source: UPWP funds (Obligated in FY2023)	
FHWA (PL)	\$96,000
Local Match	\$24,000
Total	\$120,000

LOCAL PUBLIC AGENCY (LPA)-ADMINISTERED TRANSPORTATION STUDY PROJECT

Project Name: Corridor and Intersection Pavement Marking Upgrade Conceptual Design	Project ID: TBD
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In the SUATS MPO, there are a number of intersections and corridors where thermoplastic pavement markings are deteriorated or outdated when compared to current design standards and recommendations for effective traffic management through pavement markings. The proposed project would involve hiring of an engineering consultant to assess target areas throughout the MPO where updated designs for pavement markings, to include high-visibility crosswalks, skip marks, turning lanes, raised reflectors, and other directional and informational markings that would assist drivers and pedestrians in safely navigating streets and roads.

SUATS' goal for this project is to evaluate pavement marking needs in key corridors and intersections throughout the MPO and create pavement marking design diagrams that can be incorporated into resurfacing projects or programmed as standalone pavement marking projects.

Project Scope

1. Analysis of Existing Traffic Conditions and Performance of Additional Traffic Data Collection
2. Physical Feature Data Collection and Analysis
3. Development of Alternative Conceptual Design Plans
4. Development of Estimates of Probable Cost
5. Final Summary Plan Report

Project Deliverable:

Creation of conceptual designs and cost estimates for targeted corridor and intersection pavement marking upgrades that incorporates all project components detailed above.

Expected Project Timeline:

6-9 months from execution of consultant contract.

Anticipated Project Budget:

Funding Source (UPWP FY23)	
FHWA (PL)	\$60,000
Local Match*	\$0,000
Total	\$60,000

**100% Local Match Waiver applied based on USDOT Complete Streets Match Waiver*

Table 1
FY2024 Category Allocation Budget and Funding Sources

Task Name	Funding Sources			Percentage of Total
	Federal	Local	Total	
Task 1 – General Administration	\$ 16,012.22	\$ 4,003.05	\$ 20,015.27	6%
Task 2 – Long Range Planning	\$ 24,000.00	\$ 6,000.00	\$ 30,000.00	9%
Task 3 – Short-Range Planning	\$ 16,000.00	\$ 4,000.00	\$ 20,000.00	6%
Task 4 – TIP Development and Maintenance	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00	3%
Task 5 – Project Implementation and Monitoring	\$ 19,600.00	\$ 4,900.00	\$ 24,500.00	8%
Task 6 – Modal Planning				
Subtask A – Bicycle and Pedestrian	\$ 32,500.00	\$ 0	\$ 32,500.00	10%
Subtask B – Public Transit	\$ 18,500.00	\$ 0	\$ 18,500.00	6%
Subtask C – Intermodal Freight	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00	3%
Task 7 –Data Collection and Analysis	\$ 16,000.00	\$ 4,000.00	\$ 20,000.00	6%
Task 8 – Land Use Monitoring and Analysis	\$ 16,000.00	\$ 4,000.00	\$ 20,000.00	6%
Task 9 – Public Involvement	\$ 14,400.00	\$ 3,600.00	\$ 18,000.00	6%
Task 10 – MPO Consultant Services	\$ 88,000.00	\$ 7,000.00	\$ 95,000.00	30%
Total	\$ 277,012.22	\$ 41,503.05	\$ 318,515.27	100%

Federal Funding*	
FHWA PL Allocation*	\$239,325.58
Projected Carry Over from FY2023	\$81,357.59

**Consolidated federal planning grant that combines the FHWA PL funds and FTA 5303 Mass Transit Planning funds.*

Total FY2024 Funding	
Federal	\$280,004.38
Less USDOT Recission	\$(2,992.16)
Local	\$41,503.05
Total	\$318,515.27
<i>Projected Carry Over to FY2025</i>	<i>\$40,678.79</i>

Table 2
FY2025 Category Allocation Budget and Funding Sources

Task Name	Funding Sources			Percentage of Total
	Federal	Local	Total	
Task 1 – General Administration	\$ 20,000.00	\$ 5,000.00	\$ 25,000.00	7%
Task 2 – Long Range Planning	\$ 17,904.38	\$ 4,476.10	\$ 22,380.48	7%
Task 3 – Short-Range Planning	\$ 25,600.00	\$ 6,400.00	\$ 32,000.00	9%
Task 4 – TIP Development and Maintenance	\$ 12,000.00	\$ 3,000.00	\$ 15,000.00	4%
Task 5 – Project Implementation and Monitoring	\$ 24,000.00	\$ 6,000.00	\$ 30,000.00	9%
Task 6 – Modal Planning				
Subtask A – Bicycle and Pedestrian	\$ 32,500.00	\$ 0	\$ 32,500.00	10%
Subtask B – Public Transit	\$ 20,000.00	\$ 0	\$ 20,000.00	6%
Subtask C – Intermodal Freight	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00	3%
Task 7 –Data Collection and Analysis	\$ 24,000.00	\$ 6,000.00	\$ 30,000.00	9%
Task 8 – Land Use Monitoring and Analysis	\$ 24,000.00	\$ 6,000.00	\$ 30,000.00	9%
Task 9 – Public Involvement	\$ 16,000.00	\$ 4,000.00	\$ 20,000.00	6%
Task 10 – MPO Consultant Services	\$ 56,000.00	\$ 14,000.00	\$ 70,000.00	21%
Total	\$ 280,004.38	\$ 56,876.10	\$ 336,880.48	100%

Expected Federal Funding*

FHWA PL Allocation*	\$239,325.58
Projected Carry Over from FY2024	\$40,678.79

**Consolidated federal planning grant that combines the FHWA PL funds and FTA 5303 Mass Transit Planning funds.*

Total FY2025 Funding

Federal	\$280,004.38
Local	\$56,876.09
Total	\$336,880.47

Table 3**Other SUATS Transportation Study Projects Administered via LPA Agreement and Funded via Separate Source(s)**

Project Name	Funding Sources			Total
	Federal	State	Local	
Robert Graham Bypass Corridor Retrofit Feasibility Study*	\$320,000	\$80,000	\$0	\$400,000
Total	\$320,000	\$80,000	\$0,000	\$400,000

* See FY2021-2027 SUATS Transportation Improvement Program (TIP) Figure 7.1: SUATS Guideshare Financial Summary

Complete Streets Planning Activities

In January 2023, USDOT offered a waiver on the non-Federal match for State Planning and Research (SPR) and Metropolitan Planning (PL) Funds in support of Complete Streets Planning Activities. Under the waiver, MPOs may use federal funding for 100% of the expenses associated with such planning and research activities. MPOs are required to use not less than 2.5% of SPR and PL funds, respectively, on Complete Streets planning activities.

Table 4

FY2024 Summary of Complete Streets Eligible Projects for 100% Match Waiver

Task	Task Category	Milestone/Deliverable	Budget (100% Federal)
6A	Bicycle and Pedestrian Modal Planning	ref. page 18	\$32,500
6B	Transit Modal Planning	ref. page 19	\$18,500
10	MPO Consultant Services	Creation of conceptual designs and cost estimates for targeted corridor and intersection pavement marking upgrades	\$60,000
Total			\$111,000
Total Programmed UPWP Budget			\$318,515
% of Total Budget Complete Streets Eligible			35%

Table 5

FY2025 Summary of Complete Streets Eligible Projects for 100% Match Waiver

Task	Task Category	Milestone/Deliverable	Budget (100% Federal)
6A	Bicycle and Pedestrian Modal Planning	ref. pg. 18	\$32,500
6B	Transit Modal Planning	ref. pg. 19	\$20,000
Total			\$52,500
Total Programmed UPWP Budget			\$336,880
% of Total Budget Complete Streets Eligible			16%



RESOLUTION OF THE POLICY COMMITTEE

CERTIFICATION OF THE SUATS PLANNING PROCESS AND ADOPTION OF AMENDMENT #1 TO THE UNIFIED PLANNING WORK PROGRAM FOR FY2024 AND FY2025

WHEREAS, the SUATS Policy Committee has found that the SUATS Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 25 U.S.C. 134 and 49 U.S.C. 1607, as amended;

WHEREAS, the SUATS Policy Committee has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

WHEREAS, the SUATS Policy Committee has considered how Transportation Planning Processes will affect the involvement of Disadvantaged Business Enterprise in the FHWA and the FTA funded planning projects (Section 10(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR Part 23);

WHEREAS, the SUATS Policy Committee has considered how the Transportation Planning Process will affect the elderly and the disabled population. The Policy Committee agrees to comply with the provision of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the USDOT implementing regulations;

WHEREAS, the SUATS Transportation Improvement Program (TIP) is a subset of the SUATS 2045 Long Range Transportation Plan (LRTP);

WHEREAS, the SUATS LRTP has a planning horizon year of 2045 and meets all the requirements for an adequate Transportation Plan;

NOW THEREFORE, be it resolved that the SUATS Policy Committee adopted Amendment #1 to the Unified Planning Work Program (UPWP) for FY 2024-2025 on the 16th day of May 2023, and observed the required 21-day public comment period.



 David P. Merchant, Chairman

CERTIFICATION

I hereby certify that the above is a true and correct copy of SUATS Resolution #2023-04 as adopted by vote in an open meeting of the SUATS Policy Committee.



 SUATS Policy Committee Secretary

6/8/23

 Date

**LOCAL PROJECT AGREEMENT (LPA)
COORDINATION REQUIREMENTS FOR PROCUREMENT OF CONSULTING
SERVICES**

The following process is intended to comply with LPA requirements by ensuring eligibility of planning activities utilizing Federal-Aid funds. Planning activities by definition do not include findings required by National Environmental Policy Act (NEPA), the acquisition of real property, or the management/oversight of construction projects. Federal funds may include PL, SPR, STP, NHS, CMAQ, or any other Federal-Aid Program funds. In the event that the MPO, COG, or sub-recipient intends to procure consulting services utilizing federal funds to complete tasks outlined in the approved Unified Planning Work Program (UPWP) or Rural Planning Work Program (RPWP), the following steps must be adhered to in sequence in order to ensure federal participation in the project:

STEP 1

- Ensure that the project is included in the UPWP or RPWP
- Submit a draft scope of work in sufficient detail to determine that all work elements are eligible under Title 23 USC
- Submit a draft advertisement that will be used in South Carolina Business Opportunities (SCBO)
- Submit an internal estimate of the project cost.
- Receive a notice to proceed from SCDOT to advertise the request for proposal

STEP 2

- Include the SCDOT and FHWA as non-voting members of the selection committee
- Submit a recommendation to SCDOT for approval of the selected firm(s) with documentation of the evaluation process
- Submit a copy of the negotiation process
- Receive notice to proceed from SCDOT

STEP 3

- Submit a copy of the draft agreement
- Receive final notice from SCDOT to execute agreement and initiate project

I hereby acknowledge that all procurement activities will follow the above described steps. Any deviation from this process will jeopardize federal reimbursement for the project.

2/19/2021
DATE



MPO/COG PLANNING AGENCY DIRECTOR

If Applicable:

DATE

SUB-RECIPIENT