Sumter Urban Area Transportation Study

UNIFIED PLANNING WORK PROGRAM

JULY 1, 2014 - JUNE 30, 2015

Funding Provided by:

FEDERAL HIGHWAY ADMINISTRATION
FEDERAL TRANSIT AMINISTRATION
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
and
SUMTER CITY and COUNTY

(803)774-1612
www.sumter-sc.com

ABSTRACT

Title: **FY 2014- 2015 Unified Planning Work Program, Sumter Urban Area Transportation Study**

Date: **March 2014**

Abstract: The SUATS FY 2013-2014 Unified Planning Work Program describes all urban transportation and transportation-related planning activities anticipated in the fiscal year of July 2013 to June 2014. It contains a discussion of the major transportation issues, goals and objectives in the Study area.

The UPWP consists of nine major tasks that encompass the following activities:

- Development of a relational transportation database with links to GIS—Archived data management
- Ensuring compliance with federal metropolitan planning guidelines and regulations
- Maintaining the Long Range Transportation Plan: 2010-2040
- Implementing LRTP projects into TIP
- Transit Planning and technical assistance
- Assistance to regional transit authority in transit grant applications
- Administration of UPWP activities
- Update the TAZ within SUATS boundaries
- Soliciting public opinions on transportation programs and projects
- Freight and goods mobility planning

Federal funding resources and budget summaries are included.

Acknowledgments:

The Sumter Urban 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), the Federal Transit Administration (FTA) and public transit operator Santee Wateree Regional Transit Authority (SWRTA) developed the FY 2014-2015 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 US Department of Transportation.

DRAFT

SELF CERTIFICATION STATEMENT

SUATS

Sumter Urban Area Transportation Study

CERTIFICATION OF THE SUMTER URBAN AREA TRANSPORTATION STUDY PLANNING PROCESS

Let it be known to all that the undersigned officials of Sumter Urban Area Transportation Study (SUATS) Metropolitan Planning Organization (MPO) hereby endorse and certify that the planning process for the SUATS is being conducted in accordance with the requirements of: 23 U.S.C. 134 and the applicable regulations; Title VI of the Civil Rights Act of 1964; The Safe, Accountable, Flexible, and Efficient Transportation Act: A Legacy for Users (SAFETEA-LU) and applicable regulations regarding the involvement of disadvantaged business enterprise in FHWA and FTA funded planning projects; The American with Disabilities Act and US DOT regulations" Transportation for Individuals with Disabilities" (49 CFR parts 27, 37 and 38)

Eugene R. Baten

Eugene Baten, Chairman

Policy Committee of SUATS

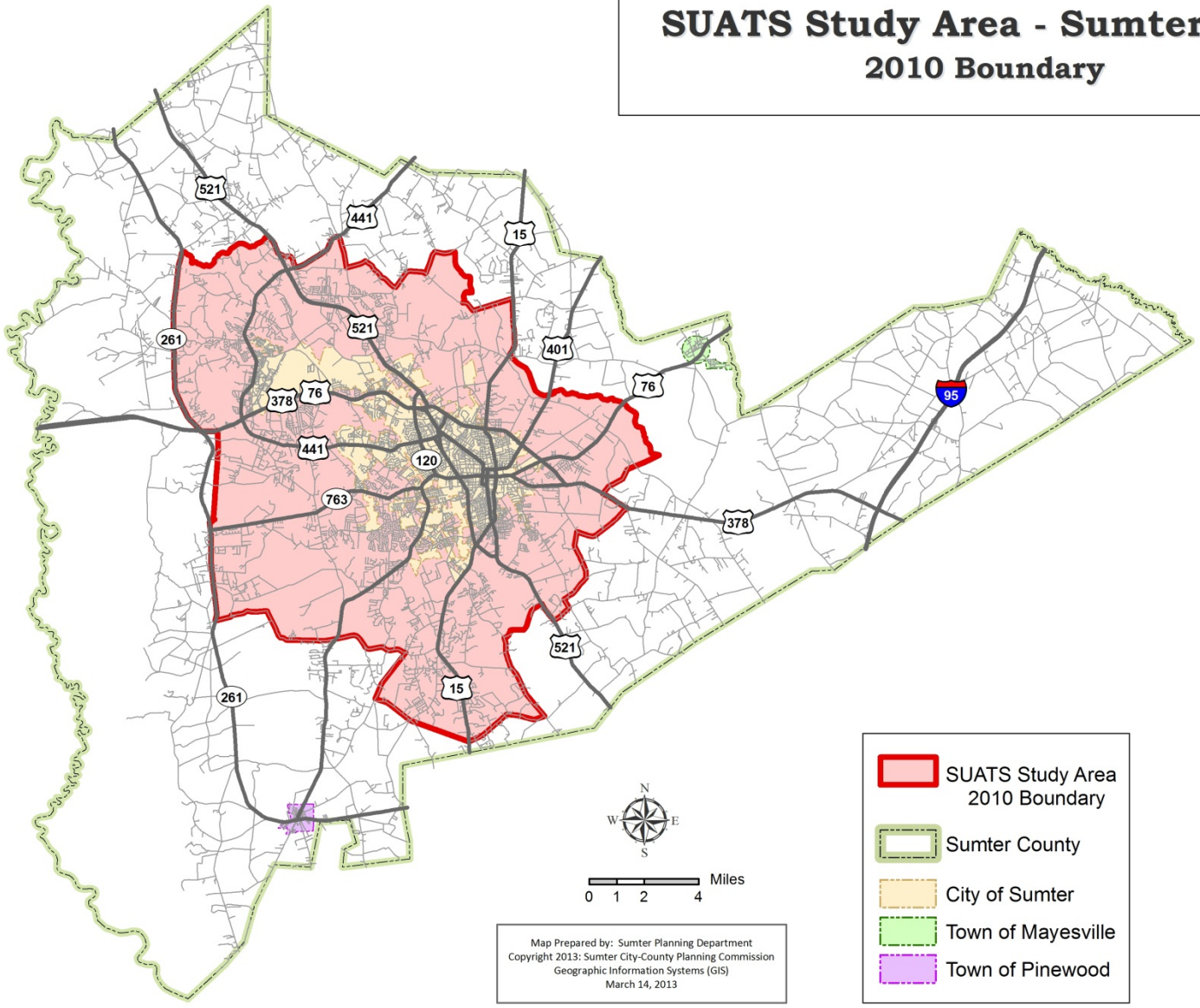
Date: 2/21/2012

Joseph T. McElveen, Jr., Vice Chairman

Policy Committee of SUATS

Date: 2/21/2012

SUATS Study Area - Sumter, SC
2010 Boundary



Map Prepared by: Sumter Planning Department
Copyright 2013: Sumter City-County Planning Commission
Geographic Information Systems (GIS)
March 14, 2013

Sumter Urban Area Transportation Study
Unified Planning Work Program
FY 2014- FY2015

Contents

Section **Page**

I. Introduction and Background……... 6
Planning Issues and Emphasis…….. 7
Public Transportation…… 8
Air Transportation…….... 9
Status of Community Planning……. 10
Organization and Management……... 11

II. Membership…….. 12

III. Sumter Urban Area Transportation Study: Unified Planning Work Program… 13

Task I-A General Administration……... 14
Task I-B Overall Plan and Program Management……... 16
Task I-C Transportation Improvement Program (TIP) Development……... 18
Task II Public Transportation…….. 19
Task III-A Travel Surveillance…….. 21
Task III-B Land Use Surveillance……. 23
Task III-C New Development Surveillance……... 25
Task IV-A Public Participation…….. 27
Task IV-B Industrial needs Analysis……. 29

Table 1 FY 2013-2014 UPWP: Task Allocation Budget and Funding Sources…….. 30
Table 2 FY 2013-2014 UPWP: Proposed Agency Participation……... 31

DRAFT

SECTION I: INTRODUCTION AND BACKGROUND

The Sumter Area Transportation Study (SUATS) is the Metropolitan Planning Organization (MPO) servicing the area of Sumter County that is denoted as urban according to the 2010 Census. The population is estimated presently as 85,635 with slightly under half residing in the City of Sumter and the remainder in suburban areas surrounding the City (see map). The Unified Planning Work Program outlines the activities that SUATS will undertake in FY2012 using funds from the Federal Highway Administration and a local match from the City of Sumter and Sumter County.

Transportation is a dominant factor in every person's life. The ability to travel influences the economic status, social status, and overall standard of living of people. Transportation is important, and without its continued growth and improvement, our economy and standard of living may be drastically altered. The basic reason and purpose behind transportation planning is to ensure that the transportation system will be able to meet the future needs of the people and provide for continued and sustainable growth and development.

The Federal Aid Highway Act of 1962 contained the requirement that all urban areas of 50,000 or more population develop and maintain a comprehensive, cooperative, and continuing (3-C's) transportation planning process. The process would establish a transportation plan and provide the procedure by which it would be maintained and revised on a continuing basis. To accomplish this process in Sumter, an agreement was attained 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 Urban Area Transportation Study (SUATS). With this agreement, Sumter became the fifth community in South Carolina to be accepted as a Transportation Study.

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. Today, the Sumter City-County Planning Department continues to serve as the support staff of the Sumter Area Transportation Study.

The Safe, Accountable, Flexible, and Efficient transportation Act: A Legacy for Users (SAFETEA-LU) (pub. 109-59, August 10, 2005) mandates changes in the metropolitan planning process. SUATS has adopted the eight planning emphasis areas (PEA) described under this law into our planning process. 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. On July 6, 2012, the Moving Ahead for Progress in the 21st Century Act (MAP-21) became law to promote investment in transportation infrastructure as a boost to the US economy. More than $105 billion was appropriated by Congress for funding surface transportation programs for Fiscal Year (FY) 2014-2015. This is reflected in the current UPWP as well as forming the major portion of our LRTP.

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. Milestone periods may be specified by quarters. Three activities are included in the UPWP: (A) Program Administration, (B) Surveillance and (C) Documents and Analysis.

DRAFT

PLANNING ISSUES AND EMPHASIS

There are many issues facing the SUATS MPO. MAP-21 requires the development of new policies while providing new direction in transportation. This work program will present several of the key planning issues facing the MPO.

A key issue to address is improvements in the implementation of safety measures in the planning process. A greater emphasis must be placed on safety to address the continuing expansion of high density developments within smaller developable areas. This increase in high density developments creates a continuous strain on the transportation system. Another continuing key issue for the SUATS MPO is providing a multimodal transportation network that can be financially justified. Constant changes in the economy offer a tremendous challenge for SUATS to face. Finding ways to mitigate congestion through traditional or innovative funding would offer tremendous improvement to our transportation system. A greater emphasis on operational improvements and protection of existing corridors through access management offers relatively low cost projects that can significantly improve congestion and safety on our streets and roads. Staff is addressing these issues and accepts these challenges through increased education and a greater emphasis on meeting public needs within limitations of staffing.

With an estimated population of 85,635 under the new expanded boundary, there is a strong likelihood that the SUATS MPO urbanized area will be near 88,204 at the 2020 Census. With this potential growth, planning to reduce/mitigate congestion will be mandatory, greater demographic data development of the entire MPO area will be needed, staff will need to monitor air quality issues, and there will be an emphasis on GIS/GPS activities. With the added population, the planning boundary will need to be reassessed and potentially revised to include development over the past decade. In addressing these needs, SUATS continues its efforts to complete its bonding program projects, which originally began in 1997. As well, SUATS is increasing its pedestrian/bicycle systems in an attempt to improve traffic flow, maintain the current air quality status, and increase public involvement in the planning process.

DRAFT

PUBLIC TRANSPORTATION

The Santee Wateree Regional Transportation Authority, commonly referred to as SWRTA, provides transit services in the Santee-Lynches region, which includes Clarendon, Kershaw, Lee and Sumter Counties. Additionally, they provide transit services for Lower Richland County, plus Calhoun, and Orangeburg Counties. SWRTA operates approximately 86 vehicles to provide public transit and contract services to the areas served.

In the Urbanized area of Sumter, SWRTA operates 18 vehicles in order to provide public transit fixed routes, commuter services, complementary ADA paratransit services, "call in", space available, demand response services, plus special event public transit for the Iris Festival, Shaw Fest and Fourth of July, where approximately 123,335 annual passenger trips were provided in FY 2011 – 2012. Additionally, approximately 14,987 annual passenger trips were provided under various human service contracts and a brokerage contract to provide Non-Emergency Medicaid Transportation (NEMT) for the South Carolina Department of Health and Human Services.

In the rural areas of Sumter, Clarendon, Kershaw and Lee Counties, SWRTA uses 48 vehicles to provide "call in", space available, demand response services; and contract services for human service agencies where approximately 114,255 annual passenger trips were provided in FY 2011 - 2012. Additionally, SWRTA provides NEMT where approximately 32,222 annual passenger trips were provided.

SWRTA home based operations are housed in the James E. Clyburn Intermodal Transportation center which was dedicated in 2008 in the City of Sumter. The SWRTA Calhoun and Orangeburg operations are housed in Orangeburg County in a mini mall. However, as of August 2012 the SWRTA Orangeburg operation are housed in a new facility (as of January 11, 2013) that was built with ARRA funding in collaboration with the lower Savannah Council of Governments, SCDOT and the Orangeburg City/County governments.

As Sumter and the surrounding counties in the Santee-Lynches region 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.

Finally, SWRTA, as well as many transit agencies in the nation, are feeling the economic pinch from the national recession and rising fuel prices. SWRTA is hopeful that it will continue to collaborate with partners within the region, to find the competitive financial edge to sustain the transit services they currently provide by also taking efforts to right-size the vehicle fleet, along with its administrative and operational services. The SUATS planning staff, in cooperation with the Santee-Lynches Regional Council of Governments staff, is committed to help provide the planning assistance to help SWRTA maintain urban and rural public transit services.

DRAFT

AIR TRANSPORTATION

The Sumter Airport, 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. It is also tasked with promoting 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).

Recent airport improvements include the following:

1. Taxiway relocation
2. Runway safety area project
3. Installation and commissioning of the ILS approach to runway 23
4. Restriping of the paved runway and all taxiways and ramp areas
5. Perimeter fencing with electronic gates

Plans for the near term include the following:

1. New hangars and ramp construction
2. To add a 1,000 foot extension to the runway → total 6,500 foot runway
3. Install complete new lighting signals

DRAFT

STATUS OF COMMUNITY PLANNING

The City of Sumter and Sumter County have current land use planning programs and future land use plans. The Sumter City-County Planning Commission was created by resolution in January 1971 and consists of a nine-member body appointed by the City and County Councils. Land use planning for both local governments is implemented by and through the Sumter City-County Planning Commission. In 2009, the Planning Commission began developing the current long-range comprehensive development plan which projects land use trends and recommendations through the year 2030. The document referred to as "The 2030 Plan", has been adopted by both City and County Councils and is currently being implemented. Unlike earlier Comprehensive Plans, The Sumter 2030 Comprehensive Plan includes a separate transportation element.

The continued vision is to guide growth in the City and the County in order to create a world class image and a strong community character. This vision will be accomplished through such concepts as:

- Downtown Revitalization;
- Improving customer/citizen support through timely actions;
- Increasing public input opportunities through surveys, specific topic workshops and lengthened public input meetings;
- Use staff more effectively to provide small group or individual interaction;
- Expand GIS & GPS usage throughout local government;
- Strive to improve community functionality and appearance;
- Coordination and implementation of the 2030 Comprehensive Plan and the 2040 Long Range Plan;
- Prioritize protection of existing corridors through access management strategies;
- Emphasizing development of a truly walkable community through development of an interconnected pedestrian infrastructure.

Since adoption of the Zoning and Development Standards Ordinances in 1999 and the 2009 adoption of the Sumter 2030 Comprehensive Land Use Plan, continuous improvement has 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. In 2012-2013 SUATS developed and adopted its 30 year Long range Transportation Plan.

Implementing this plan, the first truly comprehensive transportation plan for the Sumer community, has been instrumental in protecting and enhancing our transportation infrastructure, supporting the economic vitality of the Metropolitan are and increasing the accessibility and mobility for people and freight. Initiatives include:

- Identifying bicycle routes in the urbanized area;
- Identifying intersections with high accident potential;
- Continue monitoring traffic trends using traffic count data;
- Creating a "Clear Cut" ordinance for sight triangles;
- Creating a GIS layer identifying congested routes;
- Mapping freight routs as part of a joint freight planning initiative with Santee Lynches Council of Governments (SLCOG);
- Develop subdivision ordinances to deal with access to public thoroughfares, reducing the amount of curb cuts allowed in accordance with SCDOT recommendations;
- Adoption and implementation of 2040 Long Range Transportation Plan;
- Adoption of a connectivity plan which stresses the connection of all modes of transportation centered around a greenway.

The Sumter City-County Planning Department staff will be responsible for coordinating these efforts.

DRAFT

ORGANIZATION AND MANAGEMENT

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 nine members (three appointed by the City, three by the County, and three by both jurisdictions together). The planning staff is comprised of eleven (11) persons who implement planning and zoning functions, transportation planning, historic preservation, codes enforcement and grant administration programs.

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 Director of the Sumter City-County Planning Department serves as the SUATS Executive Director and serves on the SUATS Study Team. The Planning Department through their existing personnel provides staffing for the SUATS Committees' functions. The study area starts approximately in the center of Sumter County. The City of Sumter and the proposed outlying urbanized area beyond the corporate limits comprise the SUATS area.

The organizational structure fro SUATS is comprised of four committees. The committees are – The Policy Committee, the Technical Coordinating Committee, the Enhancement Committee and Steering Committee.

The Policy Committee is made up of the chief 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. I reviews and approves all SUATS programs and studies, ensures that the SUATS transportation plans are current, and prioritizes transportation projects recommended by in the planning process.

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

The Steering Committee is made up of key government and agency staff members who are involved in the financial aspects of transportation planning. It reviews and evaluates financial to ensure that all projects selected for funding are within the budget parameters. The Steering Committee is entrusted with providing financial guidance and direction to SUATS. All MPOs such as SUATS are programs designed to be a forum for local officials and citizens have input in the expenditure of federal transportation funds within the urban area of Sumter.

DRAFT

SECTION II: MEMBERSHIP

Membership will consist of the following:

Policy Committee (Voting)

1. **Mayor, City of Sumter**
2. **County Council Chairman**
3. City Council Member
4. County Council Member
5. Legislative Delegation – Resident Senator, Resident Representative (2)
6. Planning Commission Chairman
7. Sumter County Development Board Chairman
8. County Transportation Committee Chairman

Policy Committee (Ex-officio)

1. City Manager
2. County Administrator
3. Fifth Congressional District Highway Commissioner
4. Sixth Congressional District Highway Commissioner
5. Shaw AFB Commander (or designee)

Enhancement (Transportation Alternative Program) Committee

1. **Senior Transportation Planner, Sumter City-County Planning Department**
2. Planning Director, Sumter City-County Planning Department
3. Public Services Director, City of Sumter
4. Public Works Director, County of Sumter
5. Shaw AFB Community Planner
6. Director Santee-Wateree RTA
7. Chamber of Commerce Representative
8. Director of Community Development, City of Sumter
9. Finance Director, City of Sumter
10. Sumter County Active Lifestyles, FHWA Chairman, USC

Technical Coordinating Committee (Study Team)

1. **Planning Director, Sumter City-County Planning Department**
2. Public Services Director, City of Sumter (or designee)
3. Public Works Director, County of Sumter (or designee)
4. SCDOT District Engineer
5. SCDOT Planning Department Representative
6. FHWA Planning Program Manager
7. SCDOT District Project Engineer
8. Shaw AFB Community Planner
9. Director Santee-Wateree RTA
10. Chamber of Commerce Representative
11. Director of Community Development, City of Sumter
12. Finance Director, City of Sumter
13. Sumter County Active Lifestyles Chairman, USC
14. Senior Transportation Planner, Sumter City-
15. County Planning Department

Steering Committee

- **Senior Transportation Planner, Sumter City-County Planning Department**
- Finance Director, City of Sumter
- Statewide Planning, SCDOT
- Planning Director, Sumter City-County Planning Department
- Finance Director, SCDOT
- Pre-Construction Project Engineers,
- SCDOT
- Planning & Environmental Engineering,

Chairman of each committee is shown in bold print.
***Chairman for the Policy Committee rotates annually between these two members.**

DRAFT

SECTION III: UNIFIED PLANNING WORK PROGRAM

The work program describes, by objective, the various tasks to be performed in fiscal year 2014 – 2015 (July 1, 2014 – June 30, 2015) to administer and coordinate the SUATS Plan and carry out associated transportation planning functions, Map-21 which is responsible for the majority of funding for SUATS. SUATS has adopted the eight Planning Emphasis areas (PEA's) described under this law into transportation planning in the SUATS jurisdiction. The UPWP describes the specific tasks for SUATS for FY 2014 pursuant to these PEA's.

Planning Emphasis Factors

SUATS will continue to incorporate the following Planning Emphasis Areas (PEA's) into our program (U.S. Code Title 23 Section 134 (f)(1)(A-G) and Title 49 Section 5303 (b)(1)(A-G):

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 of people and for freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvement and Sate 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; and
8. Emphasize the preservation of the existing transportation system.

Throughout the UPWP for FY 2015, these factors are associated with the function and coordination of the multimodal transportation planning process. The development of goals, objectives, and policies; committee structures and staffing; interagency linkage and information; and staffing of various work elements are the main concern of transportation planning coordination.

UPWP	PLANING EMPHASIS AREA(PEA)							
Task	1	2	3	4	5	6	7	8
1-A		X	X	X	X			
1-B	X	X	X	X	X	X	X	X
1-C	X	X	X	X	X	X	X	X
II	X	X	X	X	X	X	X	
III-A	X	X	X		X	X		X
III-B	X	X	X	X	X	X	X	X
III-C	X	X	X	X	X	X	X	X
IV-A	X	X	X	X	X	X	X	X
IV-B	X	X	X	X		X	X	X

DRAFT

ADMINISTRATION AND MANAGEMENT

Task I-A GENERAL ADMINISTRATION

OBJECTIVE: Work elements in this activity are administrative and management: To advise and inform participating agencies of program substance and expenditures, coordinate transportation planning, transit planning and transportation engineering, process resolutions endorsed by MPO. Required duties include: informing the public and committee members of meetings, pre3parationof meeting packets, attendance at meetings, coordination of projects/programs, and oversight of planning activities. prepare UPWP and prepare application packages for various federal-aid transportation programs.

EXPECTED PRODUCTS: Correspondence, memoranda, agreements, agenda, record keeping and minutes necessary to document on-going activities of the Planning Commission and SUATS will be provided by staff. Expected projects to be completed for FY 2014-2015 are:

- Purchase of office supplies, furniture, and equipment;
- Purchase of computer hardware, software and upgrades;
- Attend training seminars, conferences, and workshops;
- Post public notices, rent meeting places, other associated expenses;
- All documents relating to SUATS activities are being placed on the City of Sumter website, www.sumter-sc.com. Direct link to SUATS will be provided. http://www.sumtersc.gov/Departments/suats.aspx;
- Dissemination and implementation of SUATS Long Range Travel Demand Study (Actual study not funded with PL Funds);
- Preparation of maps, PowerPoint slides and other media for public presentations, council meetings, etc.;
- Staff reports and other analysis.

PREVIOUS WORK: Staff attended various workshops/conferences and made presentations at public meetings, workshops and meetings. Meetings of the Technical Coordinating Committee and the Policy Committee were held on an ongoing basis to make appropriate revisions to documents and approve programs and subsequent revisions. Examples of previously completed projects are:

- Policy Committee and Technical Coordinating Committee Meetings on an on-going basis;
- Attended SCAOA annual meeting;
- Attended MPO Partnership and Workshop Meetings;
- Attended MPO/COG Planning Conference;
- Presented LRTP at MPO/COG conference.

STAFFING: The Sumer City-County Planning Department Director and staff, along with the SCDOT staff will be utilized for this objective.

Deliverable Products	Estimated Completion Date
1. FY 2013-2014 UPWP	**June 2015**
2. UPWP amendment, if necessary	**June 2015**
3. Quarterly and Final Progress and Financial Report	**End of each Quarter**
4. MPO Resolutions	**June 2015**
5. Grant Application, as necessary	**Continuous**
6. Work Programs, as necessary	**Continuous**
7. Annual Audit	**Continuous**
8. Attending Meeting(s)	**Continuous**
9. Records keeping	**Continuous**
10. SUATS Study Team and SUATS Policy Committee Reports	**Continuous**

DRAFT

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA (PL)	$50,000
20% Local	$ 12,500
TOTAL	$62,500

DRAFT

Task I-B OVERALL PLAN AND PROGRAM DEVELOPMENT

OBJECTIVE: The objective of this element is to provide comprehensive oversight of the various transportation related documents and policies within the Sumter community in an effort to ensure that such policies are aimed towards meeting coordinated, unified goals and objectives. In addition, SUATS will consider the eight factors required by SAFETEA-LU in all planning and program related development and work with the SCDOT to ensure the continued development of a long-range plan that will reflect all needs and meet all requirements of the Federal Transportation Regulations, including Transportation Enhancement Project that will better serve the needs of the SUATS area. There will be an increased emphasis on alternate means of mobility (biking, walking and transit) in order that our transportation infrastructure is sustainable.

EXPECTED PRODUCTS: The Planning Director, Senior Transportation Planner and additional staff will coordinate the SUATS objectives with all stakeholders. In addition, all transportation related documents will be reviewed and analyzed by the staff so that appropriate recommendations may be made to ensure that the various documents are written in manner that avoids duplication and conflicts in transportation planning and implementation. The objectives to complete for FY 2014-2015 are:

- Updating the 2040 Long-Range Plan, if necessary;
- Continue prioritizing projects in the TIP to coordinate with the Long-Range Plan;
- Continue to conduct public meetings to increase awareness and participation in the planning process;
- Manage the public participation process in the 2040 Long-Range Plan and/or projects requiring input from the public;
- Continue to receiving guidance and consultation on all SUATS projects from SCDOT and FHWA;
- Implement the new MPO Transportation Alternatives Program (TAP) Guidelines;
- Coordinate with SCDOT Commissioners for approval of future enhancement projects;
- Collaborate with SLCOG and regional businesses in a joint freight planning initiative for the region;
- Implement recommendations of SUATS Long Range Travel Demand Study;
- Prepare City and County Ordinances to implement revised TIS standards;
- Consult with private Transportation Planning and Engineering firms on specific corridors in the City of Sumter;
- Develop ordinances that will protect existing corridors;
- Design and implement City and County Ordinances to improve existing corridor protection.

PREVIOUS WORK: The Planning Director in his capacity as SUATS Coordinator and the Senior Transportation Planner as primary staff for transportation matters meets with City and County Councils, Planning Commission, and the Development Board monthly to update them on the current status to the SUATS Transportation Plan. Projects previously completed are:

- Completion of the Shot Pouch Trail Master Plan;
- Updated the Transportation Improvement Plan;
- Continued compliance with Title VI/Environmental Justice regulations;
- Prioritized the Bonding Program and Transportation Alternatives Program;
- Incorporated GIS as a tool to identify the segment of the community which is directly impacted by a project;
- Conducted study on 521 corridors with private Transportation Planning and Engineering firm;
- Developed and adopted 2040 Long Range Transportation Plan;
- Developed Transportation element for County and City Comprehensive Plans.

STAFFING: The City-County Planning Department and SCDOT staffs will be utilized.

DRAFT

Deliverable Products	**Estimated Completion Date**
1. Transportation Sidewalk Construction Enhancement Application(s), as necessary	**continuous**
2. Amendment to the TIP, as necessary	**continuous**
3. Revised City/County Traffic Impact Statement requirements in zoning regulations	**June 2015**
4. Revise/update corridors protection ordinances	**June 2015**

FINANCIAL RESPONSIBILITY:

Source of Fund	Amount
80% FHWA (PL)	$30,000
20% Local	$ 7,500
TOTAL	$37,500

DRAFT

Task I-C TRANSPORTATION IMPROVEMENT PROGRAM (TIP) - DEVELOPMENT

OBJECTIVE: The objective of this task is to develop and maintain a Transportation Improvement Plan (TIP) that accurately reflects transportation needs and priorities established by the SUATS Policy Committee.

EXPECTED PRODUCTS: The TIP will be updated on a continuous basis, using available resources such as land use, travel surveillance, TAZ and census data. The objectives to complete for FY 2013-2014 are:

- Continuation of the Alice Drive Widening Project;
- Updating the TIP to include new Transportation Alternatives Program (TAP) projects;
- Stress pedestrian and bike access in al new projects;
- Developing matrices to objectively evaluate projects following state and federal guidelines;
- Emphasize projects designed to upgrade existing facilities with access management;
- Identify operational improvement projects to address safety and congestion issues;
- Consult with private Transportation Planning and Engineering firm to address Corridor Protection and Enhancement.

PREVIOUS WORK: The SUATS Policy committee meets on an on-going basis to review and update the TIP. A financial review to determine the amount of funding available was used in the recent approval of several enhancement projects and the reprioritizing of the nodding program projects. Projects previously completed are:

- Updated the TIP to include the James E. Clyburn Multi-modal Transportation Center;
- Prioritized enhancement plan for 2006-2010 to focus on Safe Routes to School;
- Coordinated with Sumer Green to complete landscaping and beautification projects;
- Introduced a Complete Streets initiative.

STAFFING: The City-County Planning Department and SCDOT staffs will be utilized.

Deliverable Products	Estimated Completion Date
1. Correspondences with City, State and other Stakeholders	**continuous**
2. STIP/TIP amendments	**continuous**
3. Coordination with SCDOT	**continuous**
4. Alice Drive Phase III coordination	**July 2015**
5. MOP and SUATS Technical Committee meetings	**continuous**
6. Highway Corridor Protection District (HCPD) Regulation Update	**Continuous**

FINANCIAL RESPONSIBILITY:

Source of Fund	Amount
80% FHWA (PL)	$20,000
20% Local	$ 5,000
TOTAL	$25,000

DRAFT

Task II PUBLIC TRANSPORTATION

OBJECTIVE: Coordinate efforts of planners and transportation service providers, particularly the Santee-Wateree Regional Transportation Authority (RTA), and assist in monitoring public transportation routes to assess needs based on existing ridership, 2010 Census patterns, and on areas of projected growth and development.

EXPECTED PRODUCTS: The expected products of this task will be the on-going meetings between the Senior Transportation Planner and the SLCOG staff in an effort to ascertain the transportation facility needs are met in the Sumter region. Additionally, the Senior Transportation Planner establishes and maintains contact with other local transportation planning programs. The objectives to complete for FY 2014-2015 are:

- Coordinate with other local providers and assist in avoiding duplicated services;
- Coordinate with SWRTA to evaluate impact after reduction of service hours, upon request;
- Coordinate with SWRTA to assist with congestion mitigation upon request;
- Coordinate with SWRTA and developers to place shelters and create pull off lanes in new developments, upon request;
- Work with SLCOG planners and developers to investigate transit oriented housing;
- Ensure all new development is accessible to transit vehicles;
- Provide assistance for FTA grants applications and acceptance to TIP programs;
- Attend SLRCOG transit providers meetings;
- Read and rank 5310, 5316 and 5317 transit grant applications in the SUATS region each year.

PREVIOUS WORK: The Senior Transportation Planner serves in a liaison capacity with all providers of public transportation. In this capacity he meets with the locate RTA, as well as other transportation providers, to share information and act in an official capacity on Boards and Committees. The Senior Transportation Planner also serves as a GIS Analyst and provides GIS/GPS support to all local transportation providers. Recent projects that have been completed are:

- Participated in SWRTA Route restructuring process;
- Coordinated with SWRTA and the Empowerment Zone concerning the James E. Clyburn Inter-modal Transportation Center;
- Coordinated with SWRTA with the redesigning of City fixed bus routes;
- Coordinated with SWRTA concerning the location of bus shelters that will provide safety and security to customers;
- Provided GIS and GPS support to increase public awareness and support for the RTA;
- Coordinated with SWRTA on Columbia Airport Shuttle service.

STAFFING: Both the Planning Department and RTA staff is used for this objective.

Deliverable Products	Estimated Completion Date
1. Technical Assistance to SWRTA, upon request	**continuous**
2. Rank FTA 5310, 5316 and 5317 grant applications for priorities of receiving funding	**February 2015**
3. Attend SLCOG Regional Transit Council meeting	**Monthly**
4. Monitor the current fixed bus routes and make recommendations for improvements, upon request	**continuous**
5. Restructure the current City fixed bus routes for efficiency and expansion of customers service area, upon request	**continuous**
6. Attend meetings with SWRTA, SLCOG and SCDOT to discuss financial issues of RTA, upon request	**continuous**

DRAFT

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA	$10,000
20% Local Match	$ 2,500
TOTAL	$12,500

DRAFT

Task III-A TRAVEL SURVEILLANCE

OBJECTIVE: Monitor the highway system and maintain accurate traffic count data within the Sumer Urbanizes area in order to provide a database for evaluation of transportation projects.

EXPECTED PRODUCTS: SCDOT has a state-wide traffic count program in each county. When additional counts are needed, a traffic counter from the Planning Department will be used, particularly in special study areas or in areas of projected heavy development. Data will be tabulated and analyzed to determine changing patterns particularly as existing transportation planning documents are re-evaluated and updated. Additionally, the data will be utilized in evaluating proposed development plans and also made available to the general public. Additionally, in areas of high congestion, traffic studies will be requested from the SCDOT or supplemented by private studies to ensure effective and safe traffic conditions. The objectives to complete for FY 2014-2015 are:

- Continue to provide traffic data for use in daily operations;
- Identify roads, highways, and intersections with high accident potential;
- Identify roadway and enhancement projects for the 2040 Long Range Plan;
- Conduct a 10-year study of traffic growth trends;
- Identify freight routes through a joint freight planning initiative with SLCOG and regional businesses;
- Prioritize corridor protection and safety in all planning decisions by stressing access control in all new development;
- Revise Traffic Impact Study requirements to ensure adequate information for planning decisions;
- Continue to maintain close contact with SCDOT Traffic Engineering and Sumter County SCDOT Maintenance in all planning decisions;
- Create GIS map information to identify planned development locations and projected peak hour vehicle trips.

PREVIOUS WORK: Traffic counts are received and analyzed on an annual basis from SCDOT. Traffic data is provided to City and County Councils, Economic Development Board, Planning Commission, SUATS Policy Committee, County Transportation Committee, and the general public. Projects previously completed are:

- Identification of areas for improvement in reference to the Long Range Plan Update;
- Conducted a traffic study for the SUATS area in reference to the Long Range Plan Update;
- Provided traffic data to be used in daily operations;
- Surveyed the public to identify hazardous roads, highways, and intersections;
- Collaborated with SCDOT concerning the calibration of the SUATS Model;
- Analyzed traffic data of the past five years to establish patterns of consistent growth.

STAFF: The staffs of the SCDOT and the Sumter City-County Planning Department will be utilized.

Deliverable Products	Estimated Completion Date
1. GIS info map with PD projects And projected vehicle trips	**continuous**
2. GIS map with 2012 Sumer County Traffic Counts reflecting AADT Volume	**continuous**
3. Revise TIS requirements	**June 30, 2015**

FINANCIAL

RESPONSIBILITY	Source of Fund	Amount
	80%FHWA (PC)	$20,000
	20% Local Match	$ 5,000
	TOTAL	$25,000

DRAFT

Task III-B LAND USE SURVEILLANCE

OBJECTIVE: The objective of this task is to continue the annual update and maintenance of various planning databases. These databases vary from automated land use and census data to manual traffic counts and transit ridership.

EXPECTED PRODUCTS: The expected products of this task will be the on-going maintenance of an up-to-date land use database that is accessible through the Geographic Information System (GIS) and census information completed with population and employment estimates. The objectives to complete for FY 2014-2015 are:

- Databases for rezoning, conditional uses, subdivisions, and planned developments have been compiled and are updated on an on-going basis;
- Implement techniques to improve sight distances for intersection safety especially in residential areas;
- Information is gathered each month from building permits and TAZs that demonstrate growth and development throughout the urbanized study area;
- Collection of socioeconomic data, population, and employment to study growth trends and development;
- Create GIS layer to identify areas of congestion;
- Create GIS layer to identify areas of safety concern;
- Create GIS layers representing significant corridors, particularly US 521 and US 378;
- Consul with private Transportation Engineering and Planning firms to insure compatibility of Comprehensive Land Use Plan and Development Ordinances;
- Annual report detailing location and type of developments throughout calendar year.

PREVIOUS WORK: Previous work includes daily updating and modifying the land use data through the GIS system. This is an on-going activity. Funding provided planning personnel for maintenance and data input into the GUS, and the use of the CTPP software benefits local transportation providers, the MPO, SCDOT, and the RTA during the implementation of the transportation planning process. Projects previously completed are:

- Databases for rezoning, conditional uses, subdivisions, and planned developments have been compiled and are updated;
- Generated property lists using zoning Analyst software for 2040 Long Range Plan Survey Sample;
- Information is gathered each month from building permits and TAZs that demonstrate growth and development throughout the urbanized study area;
- Collected socioeconomic data, population, and employment will be used to establish a new base year for the 2040 Long Range Plan;
- Housing data was collected to update the Long Range Plan;
- A survey sample of 2200 was distributed amongst low, middle and high income neighborhoods to collect information for the Long Range Plan Update;
- Collaborated with SCDOT concerning the calibration of the SUATS Model.

Deliverable Products	Estimated Completion Date
1. 2014 Year End Report	**January 2015**
2. Maps for various zoning applications	**continuous**
3. Map to identify crash locations and bicyclists/pedestrian accident locations	**continuous**
4. Updated Trip Generation Map	**End of each Quarter**
5. Census Population Map	**continuous**
6. Building Permit Map	**continuous**
7. Highway Corridor Map	**continuous**

DRAFT

8.	**AADT Map**	**June, 2015**
9.	**Industrial Needs Analysis Map**	**June,2015**
10.	**SUATS Urbanized Map**	**June, 2015**

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA (PL)	$15,000
20% Local Match	$ 3,750
TOTAL	$18,750

DRAFT

Task III-C NEW DEVELOPMENT SURVEILLANCE

OBJECTIVE: The objective of this task is to monitor prospective developments, particularly high traffic producers such as new residential subdivisions and concentrate commercial facilities such as shopping centers within the SUATS area, in order to ensure coordination and compatibility with local transportation network plans.

EXPECTED PRODUCTS: The expected product of this task is staff reports that incorporated all comments from the technical review committee. Staff reports on all proposed development projects and continuous updating of GIS layers will be used by staff to ensure new development proposals will be closely scrutinized by the planning staff in an effort to ensure compatibility with existing and proposed transportation plans. Traffic count information, proposed street layouts and other such information will be reviewed prior to preliminary subdivision approval and /or zoning/building permit approval. Review will be coordinated with other agencies (such as SCDOT, local fire and police departments, school systems, etc.) as appropriate. The objectives to complete for FY 2013-2014 are:

- Coordinate to improve the interconnectivity of streets (grid network).
- Provide recommendations to increase safety measures in new developments.
- Continue coordinating with SCDOT to improve traffic flow.
- Protect existing corridors with access control measures and interconnectivity between developments.
- Coordinate with SCDHEC, SCDOT and other appropriate agencies to ensure NEPA compliance.
- Continue to attend monthly meetings of the Planning Commission and Technical Review Committee.
- Consult with private Transportation Planning and Engineering firm to insure compatibility of Comprehensive Land Use plan and subdivision ordinances.
- Update the Highway Corridor Protection Ordinance (Article 3 Section T of Zoning Ord.)

PREVIOUS WORK: The planning staff, in reviewing land use proposals, primarily has reviewed existing traffic count data and projected increases in traffic as a result of the proposed development in an effort to anticipate future traffic generation problems. Additionally, subdivision proposals are forwarded to the local SCDOT Office for review and comment. Projects previously completed are:

- Continued coordination with SCDOT, fire department, EMS, police department, etc. to ensure that adequate transportation needs are being met.
- Monitored new developments that may cause significant changes in travel patterns and proposed mitigating measures to decrease impact on traffic flow.
- Coordinated with SCDOT to improve signal coordination around high traffic districts.

STAFFING: The Planning Department Staff will be utilized.

Deliverable Products	**Estimated completion Date**
1. Attend meetings: Planning Commission, Technical Committee, SCDOT	**continuous**
2. Correspondences such as staff reports, email with SCDOT, Commissions, committees	**continuous**
3. Field inspections, or observations or survey on either direct or indirect impact on traffic	**continuous**
4. Internal or external conferences to discuss project impact on transportation	**continuous**
5. Revision of Highway Corridor Protection Ordinance (Article 3, Section T of Zoning Ordinance)	**June 2015**

DRAFT

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA (PL)	$20,000
20% Local Match	$ 5,000
TOTAL	$25,000

DRAFT

Task IV-A PUBLIC PARTICIPATION

OBJECTIVE: The objectives of this task are to actively seek citizen participation and involvement in SUATS updates.

EXPECTED PRODUCTS: Expected products of this task will be up-to-date data that will be available for the public to inform them of future, as well as existing, transportation facilities and improvements. A transportation brochure will be provided to inform the public of the transportation planning process. The objectives to complete for FY 2014-2015 are:

- Update the SUATS Transportation Brochure;
- Continue to publicly advertise all meetings and planned projects in a timely manner;
- Continue to seek public comments on all transportation-related documents;
- Seek to involve public in scenario planning workshops dealing with integrating transportation and land use planning;
- Prepare survey questionnaire forms and solicit public opinions on variety of transportation related issues;
- Seek to involve public in workshops dealing with alternative modes of transportation;
- Continue to actively seek other methods to increase public involvement such as surveys and public workshops on selected topics (e.g. access control, enhancements, corridor protection);
- Devise strategies to reach and involve underserved population in SUATS area;
- Hold public "town hall" style meeting to discuss the Transportation Planning Process, explain the public's role and solicit input;
- Increase use of visualization including maps, conceptual drawings;
- Implement all measures outlined in Participation Plan.

PREVIOUS WORK: All meetings are open to the general public, and agendas are distributed to news media. A public participation policy under the guidelines of SAFETEA-LU was implemented. Projects previously completed are:

- Increased public awareness and participation;
- Actively sought public comment on transportation-related documents;
- Implemented public involvement in an attempt to increase participation;
- Conducted a survey to collect information for the Long Range Plan Update;
- Hand delivered surveys in low to moderate income neighborhoods;
- Kept records of public attendance and comments at all SUATS meetings;
- Ensured that all SUATS meeting are publicly advertised in the local newspaper;
- Assisted in the development of neighborhood associations in low to moderate income areas;
- Held 3-day public charette on US 521 corridor;
- Local newspaper (*The Item*) hosted conceptual US 521 corridor animation video on the website;
- Initiated a number of transportation related news stories in local media;
- Used local media to solicit public comment on transportation issues;
- Adopted Participation Plan.

STAFFING: The Planning Department staff will be utilized.

DRAFT

Deliverable Products	Estimated Completion Date
1. Preparation of survey questions, if necessary	End of each Quarter
2. Preparation of survey results, if necessary	End of each Quarter
3. Preparation of survey report, if necessary	End of each Quarter
4. Meetings with the public	continuous
5. Preparation of public display graphics, photos, maps and project descriptions	continuous

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA (PL)	$20,000
20% Local Match	$ 5,000
TOTAL	$25,000

DRAFT

Task IV-B INDUSTRIAL NEEDS ANALYSIS

OBJECTIVE: The objective of this task is to identify and assess concentrated areas of industrial and commercial development which are generators of large volumes of traffic, in terms of their impact on existing highway systems and in terms of possible needs for additional public transportation facilities. Another objective is to identify and assess freight facilities and major routes within the SUATS area.

There is increased attention being placed on freight transportation at federal and state levels. In anticipation of the Freight Improvement program proposed as part of the upcoming reauthorization, SCDOT has acquired the Transearch statewide freight database from HIS Global Insight. This comprehensive freight database will proactively assist us in developing a statewide freight model and Statewide Freight Plan, a key requirement to receiving funding through the proposed federal Freight Improvement Plan.

EXPECTED PRODUCTS: The expected products for this task will be the collection of data to be tabulated and analyzed to determine where major industries might need improved transportation facilities. Inventory existing industries and major commercial centers with respect to number of employees, hours of operation, adequacy of access roads, and needs concerning public transportation. While the Development Board would continue to be involved primarily with specific development needs of particular industries, the planning staff would utilize data from the above-referenced inventories in order to make broad analyses of industrial development's impact on the overall transportation network, as well as to determine how existing and proposed transportation facilities might affect industrial growth. The objectives to complete for FY 2014-2015 are:

- Coordinate with Development Board to include a transportation proposal in their marketing plan to attract prospective businesses;
- Streamlining the City's permitting process to attract prospective businesses while ensuring that each business will have adequate access;
- Use information from the SUATS Transportation Model to determine which areas need improvemet;
- Participate in the City of Sumter's visioning process by providing recommendations to alleviate congestion in high density areas;
- Implement the 2012 Functional Class Designations;
- Collaborate with SWRTA to ensure dependable transit is available to and from industrial parks and other employment nodes.

PREVIOUS WORK: The Sumter County Development Board has prepared a website as well as additional brochures and packets concerning industrial sites and available infrastructure. The Development Board works closely with the City of Sumter, Sumter County, and the SUATS Policy Committee in an effort to ensure that infrastructure services are available to address the needs of incoming industry. Projects previously completed are:

- Coordinated with the Economic Development Board concerning proposed growth and development;
- Closely monitored transportation facilities for changes in level of service as it related to industrial development;
- Reviewed possible projects for the 2040 Long Range Plan to alleviate future traffic concerns;
- Met regularly with industrial leaders on Long Range Travel Demand Study.

STAFFING: The Planning Department Staff, Chamber of Commerce Staff and Sumter Development Board Staff, and the City of Sumter Economic Development Committee will be utilized.

DRAFT

Deliverable Products	Estimated Completion Date
1. GIS map layout of existing industrial area	End of each quarter
2. Collect, research and update industrial development activities	continuous
3. Create a data base spread sheet on the existing and potential industrial development projects	End of each quarter

FINANCIAL RESPONSIBILITY

Source of Fund	Amount
80% FHWA (PL)	$10,000
20% Local Match	$ 2,500
TOTAL	$12,500

Table 1
Sumter Urban Area Transportation Study
FY 2013-2014 Unified Planning Work Program
Category Allocation Budget and Funding Sources

Task	Funding Sources		
	Federal	Local	Total
I-A General Administration	$50,000	$12,500	$62,500
I-B Overall Plan & Program Development	$30,000	$7,500	$37,500
I-C Transportation Improvement Pro. Dev.	$20,000	$5,000	$25,000
II-Public Transportation	$10,000	$2,500	$12,500
III-A Travel Surveillance	$20,000	$5,000	$25,000
III-B Land Use Surveillance	$15,000	$3,750	$18,750
III-C New Development Surveillance	$20,000	$5,000	$25,000
IV-A Public Participation	$20,000	$5,000	$25,000
IV-B Industrial Needs Analysis	$10,000	$2,500	$12,500
Total	**$195,000**	**$48,750**	**$243,750**

DRAFT

Table 2
Proposed Agency Participation

FY 2014

Task	SUATS	SCDOT	Total
General Administration	62,500	0	62,500
Overall Plan & Program Development	37,500	0	37,500
Transportation Improvement Program Development	25,000	0	25,000
Public Transportation	12,500	0	12,500
Travel Surveillance	25,000	0	25,000
Land Use Surveillance	18,750	0	18,750
New Develop. Surveillance	25,000	0	25,000
Public Participation	25,000	0	25,000
Industrial Needs Analysis	12,500	0	12,500
Total	**243,750**	**0**	**243,750**

DRAFT