

**UNIFIED PLANNING WORK PROGRAM  
FOR THE  
AUGUSTA REGIONAL TRANSPORTATION STUDY  
FISCAL YEAR 2015**

**PREPARED BY THE  
AUGUSTA PLANNING AND DEVELOPMENT DEPARTMENT**

**IN COOPERATION WITH:  
AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,  
LOWER SAVANNAH COUNCIL OF GOVERNMENTS.  
GEORGIA DEPARTMENT OF TRANSPORTATION,  
AND THE  
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**FINAL  
MARCH 2014**

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The contents of this report reflect the views of the persons preparing the document and those individuals are responsible for the facts and the accuracy of the data presented herein. The contents of this report do not necessarily reflect the views or policies of the Georgia Department of Transportation, South Carolina Department of Transportation, the Federal Highway Administration, or the Federal Transit Administration. This report does not constitute a standard, specification, or regulation.

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**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**RESOLUTION OF THE POLICY COMMITTEE**

**ADOPTION OF THE FY 2015 UNIFIED PLANNING WORK PROGRAM**

**WHEREAS** the Governors of Georgia and South Carolina have designated the Augusta Planning and Development Department as the Metropolitan Planning Organization (MPO) for the Augusta Regional Transportation Study, and;

**WHEREAS**, it is the objective of the Augusta Regional Transportation Study, hereinafter referred to as ARTS, to maintain a comprehensive transportation planning process which results in plans and programs consistent with comprehensively planned development of the urbanized area;

**WHEREAS** the Unified Planning Work Program is an annual element of the ARTS process which outlines the transportation related and other planning projects to be undertaken during the forthcoming fiscal year; and

**NOW THEREFORE BE IT RESOLVED** that the ARTS Policy Committee hereby approves the adoption of final Fiscal Year 2015 Unified Planning Work Program.

**Done in open meeting this 6th day of March 2014.**



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Deke Copenhaver, Chairman  
Augusta Regional Transportation Study  
Policy Committee



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## List of Acronyms

<b>ACPDD</b>	Aiken County Planning & Development Department
<b>ADA</b>	Americans with Disabilities Act
<b>APDD</b>	Augusta Planning & Development Department
<b>APT</b>	Augusta Public Transit
<b>ARTS</b>	Augusta Regional Transportation Study
<b>ATMS</b>	Advanced Transportation Management System
<b>CAC</b>	Citizens Advisory Committee
<b>CMS</b>	Congestion Management System
<b>CMP</b>	Congestion Management Process
<b>COOP</b>	Continuity of Operations Plan
<b>CSRA</b>	Central Savannah River Area
<b>EJ</b>	Environmental Justice
<b>EPA</b>	Environmental Protection Agency
<b>FHWA</b>	Federal Highway Administration
<b>FTA</b>	Federal Transit Administration
<b>GDOT</b>	Georgia Department of Transportation
<b>GIS</b>	Geographic Information System
<b>GPS</b>	Global Positioning System
<b>ITS</b>	Intelligent Transportation System
<b>LRTP</b>	Long Range Transportation Plan
<b>LSCOG</b>	Lower Savannah Council of Government
<b>MAP-21</b>	Moving Ahead for Progress in the 21 <sup>st</sup> Century Act
<b>MOU</b>	Memorandum of Understanding
<b>MPA</b>	Metropolitan Planning Area
<b>MPO</b>	Metropolitan Planning Organization
<b>MSA</b>	Metropolitan Statistical Area
<b>MTP</b>	Metropolitan Transportation Plan
<b>NEPA</b>	National Environmental Policy Act
<b>PC</b>	Policy Committee
<b>PIP</b>	Public Involvement Plan
<b>PL</b>	Planning
<b>PM</b>	Particulate Matter
<b>SAFETEA-LU</b>	Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users
<b>SPLOST</b>	Special Purpose Local Option Sales Tax
<b>SRTS</b>	Safe Routes to School
<b>STIP</b>	State Transportation Improvement Program
<b>TAP</b>	Transportation Alternatives Program
<b>TIA</b>	Transportation Investment Act (Georgia)
<b>TCC</b>	Technical Coordinating Committee
<b>TDM</b>	Travel Demand Management
<b>TIP</b>	Transportation Improvement Program
<b>TMA</b>	Transportation Management Area
<b>TSM</b>	Transportation System Management
<b>UPWP</b>	Unified Planning Work Program

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## **INTRODUCTION**

### **1. Purpose of the Unified Planning Work Program**

The Unified Planning Work Program (UPWP) is the work program for transportation and transit administration and planning activities in the Augusta Regional Transportation Study (ARTS) area. The UPWP includes an overview of the ARTS transportation planning process and a description of each work element to be completed during the fiscal year. The appendix includes a copy of the Memorandum of Understanding (MOU) for the study, a list of the members of the ARTS committees, and a summary of the UPWP budget.

Work elements are grouped in the following categories: Program Administration and Implementation, Public Involvement, Data Collection and System Planning. In FY 2015, most of the work element activities will be the same as they have been in past years. Special emphasis will be placed on completing an update of the regional long-range transportation plan and other special studies, implementing local and regional air quality initiatives and strengthening the public involvement process.

## **TRANSPORTATION PLANNING PROCESS**

### **1. Background / Study Area**

The Augusta Regional Transportation Study (ARTS) is the transportation planning process established for the Augusta GA – Aiken SC urbanized area. The Federal-Aid Highway Act of 1962 established the requirement for transportation planning in urban areas throughout the country. The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), the Transportation Equity Act for the 21<sup>st</sup> Century (1998), and the Safe, Accountable, Flexible Transportation Equity Act: A Legacy for Users (2005), are among the laws extending the federal requirement for transportation planning. On July 6, 2012, the President signed Moving Ahead for Progress in the 21st Century (MAP-21), a bill reauthorizing surface transportation programs through fiscal year 2014.

In keeping with the original federal mandate, the ARTS planning process is cooperative, continuous, and comprehensive. The ARTS planning process is cooperative because it brings together local elected officials, state and federal transportation personnel, citizens, and other interested parties to plan and program transportation projects. ARTS participants continuously evaluate transportation needs and plan for long term improvements. The ARTS process is comprehensive because it considers all modes of transportation, including cars, trucks, buses, airplanes, railroads, bicycles, and pedestrians.

The ARTS area includes the urbanized part of the Augusta region, as defined by the U. S. Bureau of Census, plus the area expected to become urbanized over the next twenty years. The study includes all of Richmond County, Georgia, part of Columbia County, Georgia, the Fort Gordon Military Reservation, part of Aiken County, South Carolina, and part of Edgefield County, South Carolina. Incorporated places within the study area include the Georgia cities of Augusta, Hephzibah, Blythe and Grovetown, and the South Carolina cities of Aiken, North Augusta, Burnetown and New Ellenton.

### **2. ARTS Committees**

The ARTS planning process is guided by four committees: the Policy Committee (PC), the South Carolina Policy Subcommittee, the Technical Coordinating Committee (TCC), and the Citizens Advisory Committee (CAC). The Policy Committee, meets quarterly and is responsible for prioritizing projects and making final decisions on ARTS planning and programming issues. The committee is comprised of local elected officials, representatives of the Georgia and South Carolina Departments of Transportation, representatives of the Federal Highway Administration, Federal Transit Administration, local transit department managers, Fort

Gordon, the ARTS Project Director, and the Chairman of the CAC. The South Carolina Policy Subcommittee serves in an advisory capacity to the Policy Committee, and is responsible for insuring that the South Carolina portion of ARTS is kept up-to-date. The South Carolina Policy Subcommittee meets quarterly and is comprised of local elected officials (voting members), and federal, state and local appointed personnel (nonvoting members).

The Technical Coordinating Committee (TCC) meets 6-7 times each year, normally in conjunction with the Citizens Advisory Committee, and is responsible for completing all technical work related to the ARTS planning process. The TCC maintains all of the required transportation related documentation, and serves in an advisory capacity to both the Policy Committee and Citizens Advisory Committee. The TCC is comprised of transportation engineers, planners, and managers from the federal, state, and local levels.

The Citizens Advisory Committee (CAC) meets 6-7 times each year, normally in conjunction with the TCC, and is responsible for providing citizen input on all aspects of the ARTS planning process. The CAC is comprised of citizens from throughout the ARTS area. The role of the CAC is crucial to the success of the ARTS transportation planning process.

### **3. ARTS Staff**

The Augusta Planning and Development Department (APDD) is the designated Metropolitan Planning Organization (MPO) for the ARTS. The Director of the Augusta Planning and Development Department (APDD) is the ARTS Project Director and is responsible for overall supervision of staff work on the planning process. In addition to staff of the APDD, employees of the Georgia Department of Transportation (GDOT), the South Carolina Department of Transportation (SCDOT), the Aiken County Planning and Development Department (ACPDD), and the Lower Savannah Council of Governments (LSCOG) are involved in ARTS planning activities. The Aiken County Planning and Development Department (ACPDD) staff is responsible for planning activities in the Aiken County part of the study area. The Lower Savannah Council of Governments (LSCOG) is responsible for planning and administrative activities for Aiken County Transit. Planners with GDOT and the SCDOT coordinate state-level aspects of any studies, assist with technical analysis, and play a major role in the development and utilization of the ARTS travel demand model.

### **4. Major Transportation Issues**

To be effective the ARTS planning process must address transportation issues in the study area. Urban sprawl and near total dependence upon the automobile is eroding the efficiency of the area's road network and the desirability of public transit as an alternative means of transportation. As a result, the following issues are important to improving the study area's transportation system:

- **Transportation Investment Act of 2010 (Georgia)** - On July 31, 2012, a majority of voters in the Georgia part of the CSRA approved a 1% sales tax to fund transportation projects over a ten-year period. The CSRA was one of three regions in Georgia in which voters approved the referendum.

An estimated \$631 million, or 75% of the total estimated proceeds, will finance eighty-four (84) projects in the region. Fifty (50) projects are in Richmond County and another eight (8) in Columbia County, including several major road projects in the ARTS area. Other types of projects funded include bridge repair and restoration, traffic signal modernization, intersection improvements, road resurfacing and operating assistance for Augusta Public Transit.

The remaining 25% of the estimated sales tax revenue is being distributed on a formula basis to local governments within the 13-county region. These funds are being used on transportation projects chosen by each local government. An added benefit is that local governments must only provide a 10% match for transportation projects funded under the Local Maintenance and Improvement Grant program (LMIG).

Collection of the sales tax began on January 1, 2013 and proceeds began to flow to cities and counties in the region in March. The tax will be imposed until collections match the total estimated revenue, or at the end of 10 years, whichever comes first. The Georgia Department of Transportation is establishing the procedures for managing the program, coordinating with local governments and ensuring timely completion of projects.

- **Congestion Management** – Alleviating traffic congestion and improving the efficiency of the existing transportation network is important to the study area. Each year ARTS completes a travel time survey on area roads and publishes a Congestion Management Process report summarizing the results of the survey and the status of projects to mitigate congestion. The most recent report was completed in December 2013. Recent special studies projects related to congestion management include the US 1 /78 Corridor Study, the North Side Road Network Study, the update of the ARTS Bicycle and Pedestrian Plan, the Aiken County Urbanized Area Bicycle and Pedestrian Plan, and the Dougherty Road Corridor Study.

The Highway SC 19 corridor study is currently underway. The ARTS ATMS study was completed in January 2014 and adopted by the ARTS Policy Committee on March 6, 2014.

- **Air Quality** – ARTS is a partner in the CSRA Air Quality Alliance, an initiative to proactively improve air quality in the Augusta-Aiken area. The Alliance is comprised of a variety of stakeholders including business, industry, environmental organizations, neighborhood associations, public utilities, economic development organizations, agricultural and forestry interests, elected officials, local, regional and state government agencies, Fort Gordon and the Savannah River Site. The principal objective of the Alliance is to develop and implement an action plan of local and regional air quality initiatives.

The Alliance meets periodically to discuss air quality issues and review air quality data and conditions. The U. S. Environmental Protection Agency, South Carolina Department of Health and Environmental Control, Georgia Environmental Protection Division, South Carolina Department of Transportation and Georgia Department of Transportation also participate in the Alliance and provide technical support to the group. Over the last 12-15 years ARTS has participated in other air quality initiatives including an air quality task force sponsored by the Augusta Metro Chamber of Commerce, the Fall Line Air Quality Study, the Ozone Early Action Compact and the South Carolina Transportation Conformity Memorandum of Agreement. Over the last couple of years ACPDD staff have met with other Aiken County stakeholders to discuss the potential impact of nonattainment designation on Aiken County industry.

One significant air quality initiative is a park and ride facility under construction on a 3.4-acre parcel of SCDOT right-of-way in the northwest quadrant of the Exit 5 / Interstate 20 interchange in North Augusta. The project was conceived in 2009 and funding was added to the ARTS Transportation Improvement Program in June 2010. A design contract was awarded in October 2011 and preliminary plans were complete by November 2013. Construction began in December 2013 and is anticipated to be completed by July 31, 2014. The facility will contribute to improved air quality by providing a convenient and safe location for ridesharing.

- **Bike / Pedestrian Facilities** - On September 6, 2012, the ARTS Policy Committee adopted the update of the Regional Bicycle and Pedestrian Plan. Prepared by Alta Greenways, Inc., the plan is designed to improve the region's bicycle and pedestrian environment, increase bicycle and pedestrian travel, reduce traffic congestion and vehicle emissions and improve the quality of life. Among other things, the plan sets region-wide goals and benchmarks for improving biking and walking, investigates safety issues, future demand and potential benefits of increasing bicycle

and pedestrian use, recommends programs, policies and partner organizations to help support and grow walking and biking and presents the region-wide plan for a comprehensive bicycling and walking transportation network.

In addition, under a separate, simultaneous contract with Alta Greenways, Aiken County obtained their services to develop a standalone Bicycle and Pedestrian Plan for the urbanized area of the county. In August 2012 and November 2012, respectively, the SC ARTS Subcommittee and the City Council adopted this Plan. In June 2013, the Aiken County Bicycle & Pedestrian Committee was formed, as was suggested by the plan. The committee's mission is to advise SC ARTS, the County, and local jurisdictions on implementation of the Plan and other opportunities to promote safe bicycling and walking in Aiken County.

- **Public Involvement** – The MPO is always looking for new opportunities to involve and inform the public about transportation programs, and creating partnerships with organizations not previously involved in transportation planning. Some recent initiatives include expanding the ARTS newsletter mailing list to include more non-profit organizations representing underserved populations, using Census data to map the concentration of Environmental Justice communities in the study area and making direct outreach with EJ communities.
- **Public Transportation** – The MPO and local transit partners are challenged to increase the use of public transportation in an era of shifting land use patterns, mandates for new services, and tight operating budgets. Providing transportation services for the disabled and the environmental justice population is a related issue. The Transit Development Plan for Augusta Public Transit (APT), completed in the fall of 2009, provides a blueprint for improvements to APT's routes, schedules and services and for maintaining connections to the Best Friend Express in Aiken County.
- **Coordinating Land Use and Transportation** – Coordinating land use and transportation improvements is important given expected regional development patterns. The MPO works closely with local planning and development organizations to promote sound land use practices while protecting the substantial investment in transportation projects.
- **Railroad / Motor Vehicle Conflicts** – Due to the presence of at-grade railroad crossings are present on roads throughout the study area there are many opportunities for conflicts between trains, vehicles and pedestrians. In the last 20 years overpasses have been built at some key locations in the Georgia part of the study area. The St. Sebastian Way / Greene Street Extension, which opened to traffic in August 2010, includes dual ramps on River Watch Parkway that separate vehicular traffic from the CSX Railroad line. An earmark of \$2.0 million was included in the FY 2004 Federal supplemental budget for planning and preliminary engineering of another project to address this issue. Continued cooperation among the railroads, transportation agencies and local governments is essential to resolving what is a long-term problem.

## 5. Planning Studies Underway or Recently Completed

A number of planning studies have been, or are being completed to address transportation and related issues. The following table summarizes these studies

**RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA**

<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
Dougherty Road Corridor Study	The primary objective of the study is to improve Dougherty Rd (S-419). Recommendations will address vehicular capacity and flow balanced by community desires.	Completed Summer 2013  Adopted by Aiken City Council – September 22, 2013
ATMS Master Plan	The purpose of this study is to update the current Regional Intelligent Transportation Management Plan which dates back to 2002. Changes in technology and priorities have happened locally with regard to monitoring traffic and the installation of the adaptive signal system.	Completed January 2014  Adopted by ARTS Policy Committee – March 6, 2014
Highway SC 19 / Edgefield Highway Corridor Study	Objectives of the study include 1) addressing the existing & future capacity, flow, and safety issues, particularly south of I-20 toward downtown Aiken, 2) recommending highway and land use planning scenarios while preserving the existing green/open space and environmental elements, particularly near Reynolds Pond Road and northward, 3) exploring potential multimodal facilities, and 4) recommending improvements to the existing land development around the I-20 interchange at Exit 18.	Anticipated Completion Summer 2014.
Augusta Sustainable Development Implementation Program	<p>This study is designed to implement sustainable development in the city. Grant funds awarded to Augusta in 2010 under the HUD Challenge Planning / DOT TIGER II Planning Grant Program were used to complete four interrelated planning initiatives to advance sustainable development along a 4.5-mile transportation corridor in the core of the city. The target area for the project included a district bordering 15<sup>th</sup> Street, Martin Luther King, Jr. Blvd., Milledgeville Road and Deans Bridge Road from Government Street to Gordon Highway</p> <p>Consultants worked with the city, general public and other stakeholders to create a detailed plan and implementation program for a cluster of transit-oriented development neighborhoods along the corridor, adding landscape and hardscape elements to a planned road widening project, and creating concept-level design plans for another section of the corridor, revising current development codes to facilitate higher-density, mixed-use, mixed-income development and creating an</p>	Completed February 2014

RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA		
NAME	DESCRIPTION	DATE COMPLETED/ADOPTED
	implementation plan for green, affordable housing in this corridor.	

**6. ARTS Transportation Plan Goals and Objectives**

The ARTS 2035 Long Range Transportation Plan includes the following goals and objectives to address regional transportation issues.

**GOAL #1. DEVELOP A TRANSPORTATION SYSTEM INTEGRATED WITH PLANNED LAND USE.**

- OBJECTIVE 1.** Promote the orderly development of the region by providing transportation services to those areas where growth is planned.
- OBJECTIVE 2.** Discourage development in conservation or preservation areas by limiting access to those areas.
- OBJECTIVE 3.** Promote the revitalization of the urban core through improved accessibility.
- OBJECTIVE 4.** Promote the redevelopment of the urban fringe through improved accessibility.

**GOAL #2. DEVELOP A TRANSPORTATION SYSTEM THAT IS FINANCIALLY AND POLITICALLY FEASIBLE AND HAS BROAD PUBLIC SUPPORT.**

- OBJECTIVE 1.** Provide a financially balanced plan based on realistic funding availability and opportunities.
- OBJECTIVE 2.** Provide a plan that works to preserve existing facilities and operate them more efficiently.
- OBJECTIVE 3.** Prepare a plan where total benefits exceed total costs.
- OBJECTIVE 4.** Provide a plan that includes participation from all groups, with special emphasis in reaching environmental justice populations.

**GOAL #3. DEVELOP A TRANSPORTATION SYSTEM THAT WILL ALLOW EFFECTIVE MOBILITY THROUGHOUT THE REGION AND PROVIDE EFFICIENT MOVEMENT OF PERSONS AND GOODS.**

- OBJECTIVE 1.** Provide a plan that works to relieve existing congestion and prevent it in the future.
- OBJECTIVE 2.** Provide a transportation plan that realizes the importance of public transportation as a viable option in meeting daily travel needs.
- OBJECTIVE 3.** Provide a plan which positions public transportation as a viable alternative to single occupant vehicles, through routing and scheduling changes and other system improvements.
- OBJECTIVE 4.** Provide a plan which addresses consideration of non-motorized travel modes such as bicycles and pedestrians.
- OBJECTIVE 5.** Provide a plan which addresses the needs of intermodal movement of goods via rail and truck..

**GOAL #4. *DEVELOP A TRANSPORTATION SYSTEM THAT WILL ENHANCE THE ECONOMIC, SOCIAL AND ENVIRONMENTAL FABRIC OF THE AREA, USING RESOURCES WISELY, WHILE MINIMIZING ADVERSE IMPACTS.***

- OBJECTIVE 1.** Provide a plan that increases job accessibility through improved transportation systems.
- OBJECTIVE 2.** Provide a plan that ensures that new transportation facilities result in disruption or displacement of residential or commercial areas only when the benefit to the community at large outweigh the costs and where no viable alternative exists.
- OBJECTIVE 3.** Provide a plan that works to ensure that transportation facilities avoid historic areas and structures, and other environmentally sensitive areas, while providing access when desired.
- OBJECTIVE 4.** Provide a plan to enhance the appearance of transportation facilities whenever possible.
- OBJECTIVE 5.** Provide a plan that reduces mobile emissions and meets air quality standards.

**GOAL #5. *PROMOTE EFFICIENT LAND USE AND DEVELOPMENT PATTERNS TO IMPROVE SAFTY AND ECONOMIC VITALITY TO MEET EXISTING AND FUTURE MTULIMODAL TRANSPORTATION NEEDS.***

- OBJECTIVE 1.** Promote the concentration of future employment and other activity centers along existing and planned major travel corridors.
- OBJECTIVE 2..** Protect adequate rights-of-way in newly developing and redeveloping areas for pedestrian, bicycle, transit and roadway facilities.
- OBJECTIVE 3.** Promote new developments that provide efficient, balanced movement of pedestrians, bicyclists, buses and motor vehicles within, to and through the area.

**OBJECTIVE 4.** Preserve and enhance the natural and built environments through context sensitive solutions that exercise flexibility and creativity to shape effective transportation solutions.

**GOAL #6. INCREASE THE SAFETY AND SECURITY OF THE TRANSPORTATION SYSTEM FOR MOTORIZED AND NONMOTORIZED USERS.**

**OBJECTIVE 1.** Identify policies, plans, and transportation improvements that address unsafe designs and conditions to increase safety for users.

**OBJECTIVE 2..** Develop and maintain a transportation system that provides increased security for all of its users.

**GOAL #7. CONTINUE TO DEVELOP A MULTIMODAL TRANSPORTATION NETWORK THAT UTILIZES STRATEGIES FOR ADDRESSING CONGESTION MANAGEMENT AND AIR QUALITY ISSUES IN THE ARTS REGION.**

**OBJECTIVE 1.** Promote street networks that reduce travel delays in accordance with the guidelines in the ARTS Congestion Management Plan.

**OBJECTIVE 2.** Encourage strategies that reduce mobile source emissions in an effort to improve air quality.

**OBJECTIVE 3.** Continue to implement and promote strategies and policies such as system preservation, access management, managed lanes, travel demand management, mass transit, complete streets, and alternative transportation to improve congestion conditions.

**OBJECTIVE 4.** Make the best use of existing transportation facilities by implementing measures that actively manage and integrate systems, improve traffic operations and safety, provide accurate real-time information and reduce the demand for single-occupant motor vehicle travel.

Some of the ways in which the effectiveness of the LRTP goals and objectives are evaluated include –

- Verifying that transportation improvement projects are targeted to areas of planned growth;
- Assuring that the ARTS LRTP and TIP are and remain financially constrained;
- Conducting outreach and education to the public, especially environmental justice communities
- Supporting alternative modes of transportation including public transit, walking and biking,
- Conducting environmental screening of projects in the LRTP
- Verifying that project need and purpose address one or more of the LRTP goals and objectives.

## **7. Planning Focus Areas**

The ARTS transportation planning process is continuous, cooperative, and comprehensive, and provides for consideration and implementation of projects, strategies and services that will address the eight planning factors included the Safe, Accountable, Flexible Transportation Equity Act: A Legacy for Users

(SAFETEA-LU). The eight planning factors are listed below. The matrix included as Figure 4 in the UPWP identifies the planning factors applicable to each work element.

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

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## **PROGRAM ADMINISTRATION AND IMPLEMENTATION**

### **Work Elements:**

- 1.1 Program Coordination**
- 1.3 Training /Employee Education**
- 1.6 (44.21.00) - Unified Planning Work Program**

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## **WORK ELEMENT 1.1 - PROGRAM COORDINATION / ADMINISTRATION**

**Purpose:** The purpose of this work element is to complete all of the basic activities needed to coordinate the work of Augusta Regional Transportation Study (ARTS) participants and insure compliance with all federal and state requirements.

Under this work element the overall work program schedule is monitored, reports are made to the Policy Committee, South Carolina Policy Subcommittee, Technical Coordinating Committee and Citizens Advisory Committee, and meetings of all ARTS committees are organized and recorded. Other administrative activities are performed as needed.

**Activity for FY 2015:** Activities under this work element include, but are not limited to the following:

1. Coordinate work among study participants, governments, and citizens;
2. Monitor work program schedule;
3. Chair the Technical Coordinating Committee meetings;
4. Provide progress reports to the Policy Committee and Citizens Advisory Committee;
5. Organize ARTS Committee meetings and preparing minutes of those meetings;
6. Travel to meetings with ARTS participants, as well as other transportation related meetings or conferences;
7. Amend the transportation planning process in response to changes in federal laws and regulations;
8. Submit progress reports with quarterly requisitions and a year-end progress report with the final requisition.

The MPO has the primary responsibility for completing activities under this work element, but the Aiken County Planning & Development Department (ACPDD), the LSCOG, the GDOT and the SCDOT are also involved. The ACPDD will be responsible for its quarterly narrative reports (including the account of quarterly expenditures and the quarterly reimbursement requests) and its year-end progress report. Lower Savannah COG will be responsible for input and activities under this plan regarding transit in the urbanized area of Aiken County and the Best Friend Express transit system.

**Previous Work:** ARTS staff coordinated work among study participants, governments, and citizens; Monitored work program schedule; Chaired the Technical Coordinating Committee meetings; Provided progress reports to the Policy Committee and Citizens Advisory Committee; Organized ARTS Committee meetings and prepared minutes of those meetings; Traveled to meetings with ARTS participants, as well as other transportation related meetings or conferences; Amended the transportation planning process in response to changes in federal laws and regulations; and submitted progress reports with quarterly requisitions and a year-end progress report with the final requisition.

**Work Schedule:** Complete program coordination activities as detailed above during the program year.

Activities are continuous from July 2014 – June 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$48,000.00			\$48,000.00
APDD (GA PL Match)	\$12,000.00			\$12,000.00
FHWA (SC PL)	\$6,000.00	\$43,600.00		\$49,600.00
ACPDD (SC PL Match)	\$1,500.00	\$10,900.00		\$12,400.00
FTA (SEC 5303)			\$2,500.00	\$2,500.00
LSCOG (SEC 5303 Match)			\$625.00	\$625.00
FTA (SEC 5307)			\$2,000.00	\$2,000.00
LSCOG (SEC 5307 MATCH)			\$500.00	\$500.00
TOTALS	\$67,500.00	\$54,500.00	\$5,625.00	\$127,625.00

**WORK ELEMENT 1.3 - TRAINING AND EMPLOYEE EDUCATION**

**Purpose:** To expand the working knowledge of transportation planning methods, tools, and procedures of the staff members involved in ARTS activities.

Participation in transportation planning seminars, conferences and meetings is the focus of this work element. Concentration will be on courses and conferences that focus on air quality, public involvement, intelligent transportation systems, congestion management systems, environmental justice, compliance with FHWA and FTA regulations, livable and sustainable communities and intermodal issues.

**Activity for FY 2015** Staff members will participate in transportation planning related seminars, conferences and meetings. Staff members from both the Augusta Planning and Development Department and the Aiken County Planning and Development Department will engage in these activities.

**Previous Work:** During the past year staff participated in a GAMPO work sessions, the Georgia Transit Association conference, Georgia Planning Association conferences, and the quarterly Augusta - GDOT breakfast meetings. Staff also attended workshops and stakeholder meetings sponsored by GDOT (e.g. Title VI and Civil Rights Training, Connect Central Georgia, TIA 2010) and the annual GAMPO conference. LSCOG staff attended Title VI and DBE workshops, as well as the annual TASC conference.

**Work Schedule:** Attend transportation planning related seminars, conferences and meetings as opportunities arise. Focus on education opportunities related to topics covered by other work elements in the UPWP. Examples include GDOT training classes, the annual GAMPO conference and periodic work sessions, FHWA workshops and NTI training courses. the annual South Carolina MPO/COG conference, the Southeast Regional Transportation Forum hosted by the National Association of Development Organization, the Annual Training Conference sponsored by TASC and mandatory continued education for planning staff as required by the South Carolina State Legislature continuous from July 2014 to June 2015.

Activities are continuous from July 2014 - June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$12,000.00			\$12,000.00
APDD (GA PL Match)	\$3,000.00			\$3,000.00
FHWA (SC PL)		\$4,800.00		\$4,800.00
ACPDD (SC PL Match)		\$1,200.00		\$1,200.00
FTA (SEC 5303)			\$4,000.00	\$4,000.00
LSCOG (SEC 5303 Match)			\$1,000.00	\$1,000.00
<b>TOTALS</b>	<b>\$15,000.00</b>	<b>\$6,000.00</b>	<b>\$5,000.00</b>	<b>\$26,000.00</b>

**WORK ELEMENT 1.6 -(44.21.00) UNIFIED PLANNING WORK PROGRAM**

**Purpose:** The Unified Planning Work Program (UPWP) defines all ARTS planning activities which will be undertaken in any given fiscal year. The UPWP, which identifies the various agencies who will be performing each activity and determines sources of funding for study activities, will be prepared in conformance with Federal regulations.

Activities involved in preparing the UPWP include a review of planning issues, development of goals and objectives to address those issues, and development of a planning program which meets the stated goals and objectives. The planning program must be assigned to the proper study participants and funding for the program must be secured.

**Activity for FY 2015:** The UPWP is prepared annually. A new UPWP covering FY 2016 will be prepared for the ARTS area. The following activities will be undertaken in developing the UPWP:

1. Review transportation planning issues in the ARTS area;
2. Review other area planning activities, including those funded by non-PL sources;
3. Review changes in planning requirements following changes in federal law;
4. Prepare work element descriptions which address issues and goals of the planning process;
5. Identify program responsibilities for each work element;
6. Prepare cost estimates and secure proposed funding sources;
7. Submit new UPWP for review and adoption by the ARTS Policy Committee.

The MPO will consult with staff of other responsible agencies, especially the Aiken County Planning and Development Department and the Lower Savannah Council of Governments, to determine activity descriptions, funding sources, and agency responsibility for selected work elements. The MPO will compile this information for the draft and final UPWP.

**Product:** FY 2016 ARTS Unified Planning Work Program

**Previous Work:** The draft and the final FY 2015 Unified Planning Work Programs were prepared and submitted to state and federal agencies.

**Work Schedule:** FY 2016 ARTS Unified Planning Work Program

ACTIVITY	EXPECTED COMPLETION DATE
1. Establish draft list of work elements and budget for next program year	October 2014
2. Complete activity descriptions & work schedules for work elements. Mail draft UPWP summary to CAC/TCC	November 3, 2014
3. CAC/TCC endorses Draft UPWP	November 12, 2014
4. Mail draft UPWP summary to Policy Committee	November 24, 2014
5. Policy Committee endorses Draft UPWP	December 4, 2014
6. Mail Draft UPWP to state and federal agencies	December 31, 2014
7. Incorporate comments from reviewing agencies & other	January 19, 2015

ACTIVITY	EXPECTED COMPLETION DATE
stakeholders	
8. Mail final UPWP summary to CAC/TCC	February 2, 2015
9. CAC/TCC endorses Final UPWP	February 11, 2015
10. Mail final UPWP summary to Policy Committee	February 25, 2015
11. Policy Committee approves final UPWP	March 5, 2015
12. Complete full text of final UPWP	April 3, 2015
13. Mail final UPWP to state and federal agencies	April 21, 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$4,800.00			\$4,800.00
APDD (GA PL Match)	\$1,200.00			\$1,200.00
FHWA (SC PL)	\$800.00	\$2,000.00		\$2,800.00
ACPDD (SC PL Match)	\$200.00	\$500.00		\$700.00
FTA SEC 5303	\$8,000.00		\$3,000.00	\$11,000.00
GA DOT (SEC 5303 Match)	\$1,000.00			\$1,000.00
APDD (SEC 5303 Match)	\$1,000.00			\$1,000.00
LSCOG (SEC 5303 Match)			\$750.00	\$750.00
<b>TOTALS</b>	<b>\$17,000.00</b>	<b>\$2,500.00</b>	<b>\$3,750.00</b>	<b>\$23,250.00</b>

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## **PUBLIC INVOLVEMENT**

### **WORK ELEMENTS:**

#### **2.1- (44.21.00) Community Outreach / Education**

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## **WORK ELEMENT 2.1 - (44.21.00) COMMUNITY OUTREACH / EDUCATION**

**Purpose:** To provide information to ARTS participants and the general public about the transportation planning process, to respond to requests for information from the public, and to foster meaningful public input into all transportation plans, programs and projects.

Public involvement is integral to the success of the regional transportation planning process. The ARTS Participation Plan guides community outreach, education and public input into the regional transportation planning process. It also includes the steps to be taken to consult with other interested parties that have a stake in the transportation planning process. A variety of outreach and education techniques are employed to obtain public input including advertising proposed changes to ARTS documents. Examples include conducting public meetings, publishing a quarterly newsletter, responding to requests for information, making presentations to neighborhood and civic organizations, publishing information on the ARTS website, and advertising ARTS committee meetings. ARTS staff will continue to evaluate the effectiveness of these and other outreach activities and make adjustments as necessary with the goal of obtaining meaningful public input on all ARTS activities.

**Activity for FY 2015:** The MPO, the Lower Savannah Council of Governments, and the Aiken County Planning & Development Department will offer opportunities for comment on projects as they are considered for inclusion in the Long Range Plan, the TIP and other ARTS plans. The ARTS Participation Plan includes specific information about the strategies that will be used to consult with stakeholders, ensure timely and convenient access to all ARTS documents, conduct outreach and education activities and obtain meaningful input from the public and other stakeholders.

Among the tools used to disseminate information about ARTS activities and meetings are distribution of regular meeting agendas to all stakeholders and area media outlets, publication and distribution of a quarterly newsletter, dissemination of ARTS publications (LRTP, TIP, etc.) for public review and comment, providing regular updates to ARTS committees about transportation projects and special studies, responding to requests for information from the public, and providing regular feedback to members of the Citizens Advisory Committee on issues of concern. The MPO website is also used to disseminate basic information about ARTS (meeting agendas, major studies, quarterly newsletter, etc.).

**Previous Work:** ARTS staff activities during the last program year included –

- ❑ Distributed ARTS meeting agendas to stakeholders and all area media outlets
- ❑ Responded to requests for information/interviews from media outlets (print, TV and radio)
- ❑ Provided regular feedback to Citizens Advisory Committee on issues and concerns
- ❑ Held public meetings related to the annual update of the ARTS Transportation Improvement Program
- ❑ Provided opportunity for public to review and comment on amendments to the Transportation Improvement Program and Long Range Transportation Plan in accordance with the procedures in the PIP
- ❑ Published and distributed the ARTS newsletter
- ❑ Distributed ARTS information at public meetings
- ❑ Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
- ❑ Evaluated effectiveness of public involvement techniques – The evaluation involved ARTS staff reviewing the techniques currently used, with the measure of effectiveness being the number of inquiries about ARTS activities or projects, attendance at ARTS committee and public meetings and feedback about how the public heard about an ARTS meeting or event. The results of this evaluation indicate that e-mails, newsletters, website postings and stakeholder participation in special studies are

relatively strong techniques, while newspaper display ads and traditional public meetings do not generate as much participation. Filling vacancies on the Citizens Advisory Committee also remains a challenge. The comment card remains an effective means of obtaining feedback about how the public finds out about an ARTS meeting or event.

- Responded to requests for information from the general public and other stakeholders

**Work Schedule:** During this program year MPO staff will implement the strategies in the ARTS Participation Plan. Anticipated public outreach opportunities include the following:

- Public meetings for the annual update of the Transportation Improvement Program
- Meetings of the CSRA Air Quality Alliance.
- Public meetings related to other ARTS Special Studies conducted during the program year

As a follow-up to a recommendation in the 2012 Certification Review, the ARTS Participation Plan will be reviewed and amended to set realistic, measurable targets for public participation. Incorporating the use of online meetings will be explored as part of the process.

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$16,000.00			\$16,000.00
APDD (GA PL Match)	\$4,000.00			\$4,000.00
FHWA (SC PL)	\$2,000.00	\$4,400.00		\$6,400.00
ACPDD (SC PL Match)	\$500.00	\$1,100.00		\$1,600.00
FTA (SEC 5303)	\$6,400.00		\$1,600.00	\$8,000.00
GA DOT (SEC 5303 Match)	\$800.00			\$800.00
APDD (SEC 5303 Match)	\$800.00			\$800.00
LSCOG (SEC 5303 Match)			\$400.00	\$400.00
FTA (SEC 5307)			\$3,000.00	\$3,000.00
LSCOG (SEC 5307 MATCH)			\$750.00	\$750.00
<b>TOTALS</b>	<b>\$30,500.00</b>	<b>\$5,500.00</b>	<b>\$5,750.00</b>	<b>\$41,750.00</b>

## **DATA COLLECTION**

### **WORK ELEMENTS:**

**3.1 SocioEconomic Data / Environmental Justice**

**3.2 Land Use Monitoring**

**3.4 Transportation Surveys, Models and Analysis**

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### **WORK ELEMENT 3.1 - SOCIOECONOMIC DATA / ENVIRONMENTAL JUSTICE**

**Purpose:** Maintain a comprehensive, up-to-date socioeconomic database for the transportation planning process. Activity under this work element will be focused on maintaining and updating the socioeconomic data needed for the ARTS travel demand model. The principal activity involves the annual update of the following characteristics: occupied housing units, school enrollment, employment (retail, service, manufacturing, wholesale and total), total population and median household income. The work element also includes activities to identify the location and makeup of EJ communities throughout the study area.

The socioeconomic characteristics used in the ARTS travel demand model will be updated and major land use changes will be noted as they occur. The EJ data will be used to assess the impact of transportation projects on EJ communities. The basic socioeconomic data will be aggregated at the traffic zone level. EJ data will be aggregated at the Census Tract level. The MPO, with assistance from Columbia County, will continue to maintain the data for the Georgia portion of the study area. Aiken County and the Lower Savannah COG will maintain the data for the South Carolina portion of the ARTS area. The Georgia Department of Transportation will continue to maintain the ARTS travel demand model.

**Activity for FY 2015:** Activity under this work element focuses on the socioeconomic data used as inputs to the ARTS travel demand model. Data is either collected or estimated for the following factors: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. In addition, EJ communities will be identified throughout the study area and the impact of transportation projects on these communities will be assessed. The following tasks are a part of completing this work element.

1. Collect calendar year 2014 building permit data (new construction and demolition) to determine net change in residential units.
2. Use net change in residential units and an occupancy factor to estimate the current number of occupied housing units.
3. Collect school enrollment figures for all public and private schools and allocate to the applicable TAZs.
4. Use state Department of Labor information (Area Labor Profiles in Georgia) to develop annual estimates of employment by place of work (total, retail, service, manufacturing and wholesale). Allocate employment to TAZs based on information from land use maps, site plans, permit records and manufacturing directories.
5. Use census median household income figures as a basis for making yearly estimates of change in household income levels.
6. Document outreach activities for low income and minority populations.

**Product:** Calendar year 2014 estimates, at the TAZ-level, of the following socioeconomic characteristics: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. Estimates to be delivered to GDOT in Excel Spreadsheet format.

**Previous Work:** Compiled annual socioeconomic data estimates, at the TAZ-level.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
1. Collect 2014 building permit data and allocate to TAZs	Collect and allocate monthly. Annual update completed by January 30, 2015
2. Collect school enrollment figures and allocate to TAZs	March 25, 2015
3. Collect latest employment estimates and allocate to TAZs based on known/observed trends	March 24, 2015
4. Estimate annual change in Household Income Level at the TAZ level	March 24, 2015
5. Assess impact of transportation projects on EJ communities	As needed throughout the program year

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$7,200.00			\$7,200.00
APDD (GA PL Match)	\$1,800.00			\$1,800.00
FHWA (SC PL)	\$1,200.00	\$5,200.00		\$6,400.00
ACPDD (SC PL Match)	\$300.00	\$1,300.00		\$1,600.00
FTA (SEC 5307)			\$2,000.00	\$2,000.00
LSCOG (SEC 5307 MATCH)			\$500.00	\$500.00
<b>TOTALS</b>	<b>\$10,500.00</b>	<b>\$6,500.00</b>	<b>\$2,500.00</b>	<b>\$19,500.00</b>

**WORK ELEMENT 3.2 - LAND USE MONITORING**

**Purpose:** Maintain and up-to-date land use database for the transportation planning process. Land use information is useful in annual update of socioeconomic estimates for the study area.

This work element involves monitoring changes in land use from one year to the next. ARTS staff will review new site plans, subdivision plats, and related information to evaluate the timing and location of land use changes taking place in the study area. Changes in land use may, in turn, trigger adjustments in socioeconomic data or have other impacts on the transportation system.

**Activity for FY 2015:** Land use changes will be tracked through review of zoning cases, site plans, and subdivision plans. More specifically, activity under this work element will include an inventory of present land uses and examination of future land use trends as necessary to integrate with the planning process. Also consideration of land use impacts and consistency with land use plans presently in effect.

**Product:** While a formal report will not be produced the observed land use changes will be factored into the annual update of socioeconomic estimates at the TAZ level.

**Previous Work:** Tracked changes in land use based on review of subdivision plans, site plans, zoning cases and building permit activity. The changes were then factored into socioeconomic data estimates.

**Work Schedule:** Land use changes will be tracked on a monthly basis and the changes noted during the calendar year will be factored into the TAZ-level socioeconomic estimates made for the calendar year.

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$5,200.00		\$5,200.00
APDD (GA PL Match)	\$1,300.00		\$1,300.00
FHWA (SC PL)		\$3,200.00	\$3,200.00
ACPDD (SC PL Match)		\$800.00	\$800.00
<b>TOTALS</b>	<b>\$6,500.00</b>	<b>\$4,000.00</b>	<b>\$10,500.00</b>

### **WORK ELEMENT 3.4 - TRANSPORTATION SURVEYS, MODELS AND ANALYSIS**

**Purpose:** To promote and encourage traffic safety throughout the ARTS area. To compile and distribute historical and current accident statistics and other data related to traffic safety to the public at-large and to state and local officials responsible for traffic and transportation safety.

This work element involves collecting intersection accident data from the ARTS area counties and compiling into an annual report. Based on most recent available data, intersections where twenty (20) or more accidents have occurred will be collected on Columbia and Richmond Counties. Aiken County will be responsible for collecting and compiling intersection accident data for the South Carolina portion of the ARTS area for inclusion in the report. Accident data will be collected from intersections where ten (10) or more accidents have occurred or where there have been one or more fatalities.

**Activity for FY 2015:** Staff will collect and compile the most current available intersection accident data from Aiken, Columbia, and Richmond Counties. In addition, data will be collected on the top five accident locations, including time of accident, weather condition, severity, and type of accident. Data on Columbia County intersections will be sorted and compiled manually. Richmond County intersection accident data will be collected through the Critical Accident Reporting Environment (CARE) software program. The CARE program includes accident data provided by GDOT. Aiken County will collect and compile intersection accident data for the South Carolina portion of the ARTS area for inclusion in the report.

The compilation of data and preparation of the report is affected by the following factors:

- The most current accident data available for download in the CARE software program is about a year behind.
- Aiken County has minimum staffing to collect and compile the intersection accident data.
- The South Carolina Department of Public Safety charges a fee for accident reports which causes delay in collecting the necessary information.

**Product:** ARTS Intersection Accident Analysis (IAA) Report based on the most current available data.

**Previous Work:**

- Sorted and compiled the most current intersection accident data for Aiken, Columbia, and Richmond Counties.
- Created collision diagrams and prepared maps for the IAA report.
- Coordinated with Richmond County Traffic Engineering in using the CARE software program for Intersection Accident Analysis.
- Coordinated with the South Carolina Department of Public Safety and SCDOT in collecting collision experience study data for the Intersection Accident Analysis.

**Work Schedule**

ACTIVITY	EXPECTED COMPLETION DATE
1. Gather accident data from Richmond County and Columbia County Traffic Engineering, and Aiken County Planning and Development Department.	August 2014
2. Sort and compile data into required format	November 2014
3. Prepare maps to be used in the report	December 2014
4. Prepare draft IAA report	January 2015
5. Present results of IAA to ARTS committees	March 2015
6. Prepare and publish final IAA Report	June 2015
7. Amend Long Range Transportation Plan and/or TIP to incorporate new Intersection Improvement Projects.	As needed throughout the program year

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$3,000.00
FHWA (SC PL)	\$400.00	\$3,600.00	\$4,000.00
ACPDD (SC PL Match)	\$100.00	\$900.00	\$1,000.00
<b>TOTALS</b>	<b>\$15,500.00</b>	<b>\$4,500.00</b>	<b>\$20,000.00</b>

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## **SYSTEM PLANNING**

### **WORK ELEMENTS:**

- 4.1 (44.22.00) Congestion Management**
- 4.2 Transit / Paratransit**
  - 4.2.1 (44.21.00) Public Administration-Augusta Public Transit**
  - 4.2.2 (44.26.00) Management & Operations - APT**
  - 4.2.3 Program Administration - Aiken County Transit**
  - 4.2.5 Transit Project Administration**
  - 4.2.6 (44.26.14) Update of Complementary Paratransit Plan**
  - 4.2.7 Marketing & Public Information - SC**
  - 4.2.8 Short Range Transit Planning - SC**
  - 4.2.9 Long Range Transit Planning - SC**
  - 4.2.10 Transit Financial Planning - SC**
  - 4.2.11 (44.27.00) Environmental Justice**
- 4.3 (44.23.01) Intermodal Planning**
- 4.4 Air Quality Issues**
- 4.8 GIS / Internet Development and Applications**
- 4.11 (44.23.01) Long Range Plan**
- 4.12 (44.25.00) Transportation Improvement Program**
- 4.13 Special Transportation Studies**

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## **WORK ELEMENT 4.1 –(44.22.00) CONGESTION MANAGEMENT**

**Purpose:** To continue implementing the ARTS Congestion Management Process (CMP) and incorporating congestion mitigation strategies and projects into the Long Range Plan and TIP.

A Congestion Management Process (CMP) must be part of the planning process in the ARTS area. Activities under this work element will include completing the annual travel time survey, publishing the annual ARTS CMP Report, and implementing specific congestion management strategies identified in the CMP Report. The MPO and ACPDD will cooperate with local and state agencies in implementing the congestion management strategies.

**Activity for FY 2015:** The purpose of the ARTS CMP is to document traffic congestion on major transportation corridors in the study area, identify strategies for reducing or eliminating the congestion, and track and/or program the implementation of congestion mitigation projects. Travel time surveys are conducted on some of the transportation corridors each year. Congestion levels are then assigned based on how much the average speed recorded during the survey deviates from the posted speed limit for each route. Congestion mitigation strategies are then identified for each route and tracked until implemented.

The MPO is responsible for coordinating all CMP activities including surveying the CMP routes in the Georgia part of the study area. The Aiken County Planning and Development Department (ACPDD) surveys the CMP routes in the South Carolina part of the study area and the results are included in the final report. The MPO and ACPDD continuously monitor transportation facilities for congestion mitigation strategies. The MPO will review the existing CMP and its application within the ARTS planning process and the Long Range Transportation Plan. Changes will be made to the CMP as a result of this review in order to meet requirements related to the Congestion Management Process.

**Product:** Complete travel time survey for the ARTS CMP; publish the annual ARTS CMP Report; implement specific congestion management strategies identified in the CMP Report. As part of the CMP update, the MPO will address the following recommendations from the 2012 Certification Review Report issued by the Federal Highway Administration and the Federal Transit Administration

- During the 2015 CMP update, the TMA should establish an operations subcommittee to look at and evaluate corridor conditions in the region and make recommendations to the established (ARTS) committees.
- During the 2015 CMP update, the TMA should re-evaluate the congestion mitigation strategies as a way of identifying new strategies that will better manage congestion in the region.
- To monitor and demonstrate the effectiveness of an implemented congestion mitigation strategy, the TMA should show roadway conditions before and after a strategy is implemented. Demonstrate what the past congestion was and what it is after the project/strategy has been implemented.

**Previous Work:** The MPO and ACPDD completed all activities in the CMP work schedule and the 2014 Congestion Management System report was prepared and distributed.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
1. Determine routes to be surveyed based on CMP data collection schedule, status of mitigation projects, and changes in the ARTS study area boundary.	September 2014
2. Conduct travel time survey of identified routes using GPS equipment	February - April 2015
3. Document status of mitigation projects included in previous year's CMP report	May 2015
4. Complete segment speed worksheets based on results of travel time survey	May 2015
5. Identify congestion mitigation strategies for the surveyed routes	May 2015
6. Prepare draft CMP sreport	May 2015
7. Present results of CMP to ARTS committees	June 2015
8. Prepare and publish final CMP	June 2015
9. Amend Long Range Plan and / or TIP by incorporating any new congestion mitigation projects resulting from the CMP	On going/As needed
10. Evaluate CMP Work Plan and amend based on experience gained from yearly update	On going/As needed

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$800.00	\$2,240.00	\$3,040.00
ACPDD (SC PL Match)	\$200.00	\$560.00	\$760.00
FTA (SEC 5303)	\$6,400.00		\$6,400.00
GA DOT (SEC 5303 Match)	\$800.00		\$800.00
APDD (SEC 5303 Match)	\$800.00		\$800.00
<b>TOTALS</b>	<b>\$34,000.00</b>	<b>\$2,800.00</b>	<b>\$36,800.00</b>

## **WORK ELEMENT 4.2 TRANSIT / PARATRANSIT**

### **WORK ELEMENT 4.2.1 -(44.21.00) PUBLIC ADMINISTRATION - AUGUSTA PUBLIC TRANSIT**

**Purpose:** To provide planning and administrative assistance to Augusta Public Transit.

Under this work element, the MPO staff will provide assistance to Augusta Public Transit (APT) in preparing financial and operation reports required by federal laws and regulations. Assistance in the preparation of the National Transit Database (NTD) reports will also continue. Additional administrative assistance will include preparing required certifications, updating annual Title VI assurances, providing opportunity for public hearings on grant applications and fare/service changes, processing procurements involving federal and state funds, assisting in planning for transit system capital investments that will lead to increased security for the transit system, monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process, developing the Georgia public transportation portion of the Unified Planning Work Program and providing technical assistance on any transit related issues facing APT.

**Activity for FY 2015:** The MPO staff provides assistance to Augusta Public Transit as needed in preparing the required financial and operational reports. Assistance in the preparation of the National Transit Data base (NTD) reports will be continued.

Additional administrative assistance will include:

1. Preparing required certifications;
2. Updating annual Title VI assurances;
3. Providing opportunity for public hearings on grant applications and fare/service changes;
4. Processing procurements involving Federal and State funds;
5. Assisting in planning for transit system capital investments that will lead to increased security for the transit system;
6. Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process);
7. Developing the Georgia public transportation portion of the Unified Planning Work Program; and
8. Providing technical assistance on any transit related issues facing APT.

**Product:** Submission of a grant application on behalf of Augusta Public Transit for capital and operating assistance. Submission of the NTD Report. Preparation of the GA UPWP transit elements.

**Previous Work:** Staff prepared and submitted for review and approval grant applications and the NTD report. UPWP transit elements were prepared.

**Work Schedule:** July 2014 through June 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agency:** Augusta Planning and Development Department (APDD)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	APDD	TOTALS
FTA (SEC 5303)	\$95,635.00	\$95,635.00
GA DOT (SEC 5303 Match)	\$11,954.38	\$11,954.38
APDD (SEC 5303 Match)	\$11,954.38	\$11,954.38
TOTALS	\$119,543.75	\$119,543.75

**WORK ELEMENT 4.2.2 -(44.26.14) MANAGEMENT & OPERATIONS - APT**

**Purpose:** To explore alternative resources to assist in financing public transportation service and to assess the financial capacity of Augusta Public Transit as required by FTA.

**Activity for FY 2015:** The major activity will be to continue assessing the financial capability of Augusta Public Transit and to secure other possible funding sources.

**Product:** Updated Financial Capacity Assessment.

**Previous Work:** The Financial Capacity Assessment was updated for the Augusta Public Transit.

**Work Schedule:** July 2014 through June 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agency:** Augusta Planning and Development Department (APDD)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	APDD	TOTALS
FTA (SEC 5303)	\$8,000.00	\$8,000.00
GA DOT (SEC 5303 Match)	\$1,000.00	\$1,000.00
APDD (SEC 5303 Match)	\$1,000.00	\$1,000.00
TOTALS	\$10,000.00	\$10,000.00

### **WORK ELEMENT 4.2.3 - PROGRAM ADMINISTRATION - AIKEN COUNTY TRANSIT**

**Purpose:** To provide planning and administrative assistance that will enable efficient system management for the Aiken County Transit System.

The Lower Savannah Council of Governments staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the System. During the program year, the Lower Savannah COG staff will undertake the following primary activities: Provide staff support to the Aiken County Public Transit System; Actively participate in ARTS Committee meetings; Administer related compliance and planning, and enhancement requirements; Contract for planning, operation and administrative and enhancement needs for the operation of the Best Friend Express and Dial-a-Ride transportation systems; Provide for and facilitate improvements in the existing ITS infrastructure utilized by the Aiken County Transit System and pursue opportunities to fund additional ITS acquisitions; Provide for public hearings on grant requirements and fare/service changes; Participate in transit planning related seminars, conferences and meetings to expand knowledge of transit planning methods, tools and procedures. Lower Savannah COG will continue planning for ways to improve service of the Aiken County System and will research and pursue funding through other sources.

**Activity for FY 2015:** The Lower Savannah Council of Governments staff is responsible for both administering the operating of the Transit System, and for undertaking the public transportation planning necessary to support the Transit System. The Transit System staff will undertake the following primary activities:

- Provide staff support to the Regional Transit Management Association (RTMA) Advisory Committee and regional human services and transit (ADRC) advisory committee, as they provide input concerning efficiencies, routing, and enhancement of the existing Best Friend Express system.
- Actively participate in ARTS Committee meetings;
- Continue work on behalf of Aiken County for submission of grant applications to appropriate sources;
- Administer related planning requirements;
- Contract with Aiken Area Council on Aging for planning and administrative funds for the Best Friend Express and Dial-a-Ride operations provided monitoring of current contract indicates all measurements have been fulfilled and extension of the contract is warranted;
- Provide opportunity for public hearings on grant applications and fare/service changes;
- Participate in transit planning related seminars, conferences, and meetings to expand the working knowledge of transit planning methods, tools, and procedures.

**Product:** Quarterly updates to Aiken County Council, FTA, and SCDOT on operation of the Best Friend Express and the overall Aiken County Transit Program.

**Previous Work:** Administered the operation of the transit system and prepared and submitted grant applications for the operation of the transit system. Lower Savannah Council of Governments currently operates a Regional Transit Management Association (RTMA) for a six-county region, including the urban and rural portions of Aiken County.

The Lower Savannah Aging, Disability & Transportation Resource Center (ADTRC) provides individualized information and assistance to consumers seeking to make travel plans within or outside of the region. It also serves as the center for coordination among participating human service, private and public transportation providers serving the six counties of the region, including the urbanized portion of Aiken County.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$7,000.00	\$7,000.00
LSCOG (SEC 5303 Match)	\$1,750.00	\$1,750.00
TOTALS	\$8,750.00	\$8,750.00

**WORK ELEMENT 4.2.5 - TRANSIT PROJECT ADMINISTRATION - (SC)**

**Purpose:** To provide transit project and planning administration assistance for the Aiken County Transit System.

The Lower Savannah COG Staff will undertake the following project administration activities in support of the Aiken County Public Transit System: oversee the contract for the operation of the Best Friend Express and Dial-a-Ride systems, oversee other contracts as needed including, safety and security elements as required by SAFETEA-LU and oversee the on-going work of the Lower Savannah Aging, Disability and Transportation Resource Center (ADTRC). The resource center is a one-call center to help consumers access transportation resources in the urbanized area and provides technology elements to vehicles serving the urbanized area’s population. It also helps to integrate and link service and passengers from outlying areas with the Aiken County and Augusta public transit systems.

**Activity for FY 2015:** The Lower Savannah Council of Government’s staff is responsible for administering the operation of the Aiken County Transit System and for undertaking the transit planning necessary to support the Transit System. The Lower Savannah Council of Government System staff will undertake the following primary activities:

- Monitor and Administer the Aiken Area Council on Aging contract for operation of the Best Friend Express and Dial-A-Ride.
- Carry out project planning and management activities for the TMCC and technology enhancements on Aiken County Transit system vehicles.

**Product:**

- Best Friend Express Contract
- Dial-A-Ride Contract
- Deliverable documents as required under the MSAA project closing at the end of 2012, updates and progress reports to relevant ARTS documents, on-going administration of the ADTRC and coordinated/enhanced transit system.

**Previous Work:** Previously Aiken County Transit staff prepared contracts and administered the operation of the transit system for Aiken County.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$2,900.00	\$2,900.00
LSCOG (SEC 5303 Match)	\$725.00	\$725.00
FTA (SEC 5307)	\$2,000.00	\$2,000.00
LSCOG (SEC 5307 Match)	\$500.00	\$500.00
<b>TOTALS</b>	<b>\$6,125.00</b>	<b>\$6,125.00</b>

**WORK ELEMENT 4.2.6 – (44.26.12) UPDATE OF COMPLEMENTARY PARATRANSIT PLAN**

**Purpose:** To conduct transportation planning activities that focus on the provision of sufficient public transportation service for the elderly and disabled and to implement Americans with Disabilities Act requirements.

Activities under this work element will focus on the provision of sufficient public transportation service for the elderly and disabled and to implement Americans with Disabilities Act requirements. This includes the annual update of the complementary paratransit plan for Augusta Public Transit (APT).

**Activity for FY 2015:** On July 26, 1990, the Americans with Disabilities Act of 1990 (ADA) was signed into law. The ADA expands on the Section 504 program to comprehensively address the mobility needs of persons with disabilities. The ADA has already had sweeping implications for transportation providers by requiring that the purchase or lease of new transit vehicles be accessible to and usable by individuals with disabilities, including individuals who use wheelchairs. In July of 1991, the US. Department of Transportation issued a final rule which required each public entity operating a fixed route system to submit a plan to comply with the ADA by January of 1992. Thereafter the commencement of the implementation of that plan was to take effect, which should include the provision of supplemental paratransit service to meet the operational specifications of the ADA act. Under the Act Augusta Public Transit and Aiken County Transit are required to develop and maintain a comprehensive paratransit plan.

**Product:** Annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit

**Previous Work:** The annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit was prepared.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department, Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	LSCOG	
FTA (SEC 5303)	\$3,200.00	\$1,000.00	\$4,200.00
GA DOT (SEC 5303 Match)	\$400.00		\$400.00
APDD (SEC 5303 Match)	\$400.00		\$400.00
LSCOG (SEC 5303 Match)		\$250.00	\$250.00
TOTALS	\$4,000.00	\$1,250.00	\$5,250.00

**WORK ELEMENT 4.2.7 - MARKETING AND PUBLIC INFORMATION - (SC)**

**Purpose:** To plan and implement the marketing strategy for the continued success of the Aiken County Transit System.

LSCOG staff will provide marketing of the Best Friend Express and the Lower Savannah ADTRC which helps serve the riding public.

**Activity for FY 2015:** Marketing will continue to encompass the following areas:

1. Marketing campaigns for specific services.
  - Marketing of any new or revised service
  - Marketing of service for ADA eligible individuals
  - Planning for and carrying out marketing for mobility management and one-call services of the ADTRC
  
2. General awareness and promotional campaigns.
  - Enhancements to and expanded availability of information and schedules
  - Special elderly and disabled fares and service
  - Activities to improve public visibility and general awareness of transit service
  - Additional outreach to Limited English Proficiency individuals

**Product:** Annual marketing program encompassing the above primary goals.

**Previous Work:** Lower Savannah Council of Governments has wrapped all new, replacement vehicles with attractive advertising of the ADTRC, as well as given community businesses a chance to advertise too (example: Aiken Regional Medical Center is currently a customer). Wraps were also placed on shelters advertising the transit system. The Best Friend Express brochures had annual sponsors which were solicited for a marketing fee and the sponsors were advertised on the schedules, which were heavily distributed.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$8,000.00	\$8,000.00
LSCOG (SEC 5303 Match)	\$2,000.00	\$2,000.00
FTA (SEC 5307)	\$10,000.00	\$10,000.00
LSCOG (SEC 5307 Match)	\$2,500.00	\$2,500.00
TOTALS	\$22,500.00	\$22,500.00

**WORK ELEMENT 4.2.8 - SHORT-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide short-range planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the required short-range transit planning activities. This includes preparing the necessary operations reports, periodically evaluating the level of transit service, monitoring requirements of the grant process, preparing the annual NTD report, preparing the annual update to the Title VI assurances, and helping prepare the UPWP.

**Activity for FY 2015:** The Lower Savannah COG staff is responsible for both administering the operation of the transit system and for undertaking the public transportation planning necessary to support the transit system. In this program year, the transit system staff will undertake the following primary activities:

1. Prepare operations and other reports required by Federal and State funding agencies;
2. Undertake periodic evaluation of service, with appropriate input from stakeholders, to identify the potential to enhance the service and increase use;
3. Undertake monitoring requirements of the grant process, i.e., bidding and award process, third party contracting and bus purchases;
4. Prepare the annual NTD report;
5. Prepare the annual update to the Title VI Assurances;
6. Participation in the metropolitan planning process, specifically preparation of the UPWP;
7. Planning activities necessary for the on-going enhancement of the Aging, Disability and Transportation Resource Center ( ADTRC.).

**Product:**

- The annual update to the Title VI Assurances;
- The annual NTD report.
- The UPWP
- Program updates and demonstrated progress toward on-going enhancement of mobility management and planning activities to enhance the ADTRC.

**Previous Work:** LSCOG staff prepared operations reports for federal and state agencies; evaluated service; monitored grants, bidding and award process, contracts and purchases; prepared the annual NTD report and annual update to Title VI; and participated in the planning process.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$8,000.00	\$8,000.00
LSCOG (SEC 5303 Match)	\$2,000.00	\$2,000.00
FTA (SEC 5307)	\$10,000.00	\$10,000.00
LSCOG (SEC 5307 Match)	\$2,500.00	\$2,500.00
<b>TOTALS</b>	<b>\$22,500.00</b>	<b>\$22,500.00</b>

**WORK ELEMENT 4.2.9 - LONG-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide long-range planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the following long range transit planning activities: prepare the Aiken County portion of, and any related updates to, the Statewide Transit Development and Coordination Plan; prepare updates, as needed, for the Regional Transit Coordination Plan, and participate in preparation of the ARTS Transportation Improvement Program.

**Activity for FY 2015:** The Lower Savannah COG’s staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2015, the Lower Savannah COG staff and Aiken County Planning staff will undertake the following primary activities:

1. Participation in the metropolitan planning process, specifically preparation of the TIP;
2. Participation in Statewide and Regional Transit Development & Coordination Plans.
3. Participation in planning activities related to ongoing technology enhancements, implementation and sustainability for the ADTRC and technology-enhanced, coordinated local systems serving residents of the urbanized area.

**Product:** The Aiken County Transit System portion of the Statewide Transit Development and Coordination Plan.

- The Regional Transit Coordination Plan.
- The TIP Program updates and demonstrated progress on ongoing development and enhancement of the ADTRC, and technology enhancements on board Best Friend Express and Dial-a-Ride vehicles making possible better data collection, operational management efficiencies and development of programs for improved customer service.

**Previous Work:** Lower Savannah COG Staff prepared the Aiken County portion of the original Statewide Transit Development and Coordination Plan and its most recent update in 2013, the Regional Transit Coordination Plan and the Transportation Improvement Program.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

RESPONSIBLE AGENCY		
FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$2,000.00	\$2,000.00
LSCOG (SEC 5303 Match)	\$500.00	\$500.00
TOTALS	\$2,500.00	\$2,500.00

**WORK ELEMENT 4.2.10 - TRANSIT FINANCIAL PLANNING - SC**

**Purpose:** To provide financial planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the following financial planning activities: prepare financial reports required by Federal and State funding agencies; work to obtain Federal and State funds to operate enhance and equip the Transit System; develop a diverse, stable revenue base for the Transit System; explore alternative financial resources available to assist financing transit services and enhancements of these services and assess the financial capacity of the Aiken County Transit System as required by FTA.

**Activity for FY 2015:** The Lower Savannah COG staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2015, the Transit System staff will undertake the following primary activities:

1. Prepare financial reports required by Federal and State funding agencies.
2. Work to obtain Federal and State funds to operate and equip the Transit System.
3. Develop a diverse, stable revenue base for the Transit System.
4. Explore alternative financial resources available to assist financing transit services and to assess the financial capacity of the Aiken County Transit System as required by FTA.
5. Apply for, manage and account for funds that provide mobility management services.
6. Apply for, manage and account for funds that sustain the technology previously acquired for the System and keep th eenhancements in place with ongoing maintenance and support.

**Products:**

- Federal and State Quarterly Progress Reports.
- Federal and State Quarterly Financial Reports.
- FTA 5307 Grant Application.
- FTA 5303 Grant Application.
- FTA Urban 5310 subrecipient funding
- State application for SMTF Funds.
- Local applications for funding.
- Financial Capacity Assessment.

**Previous Work:** Lower Savannah Council of Governments staff prepared quarterly progress and financial reports; grant applications for 5303, 5307, SMTF funds, local funds and a Call for Projects for the last of SAFETEA-LU 5316 and 5317 grant funding.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agency:** Lower Savannah Council of Governments (LSCOG)

RESPONSIBLE AGENCY		
FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$4,000.00	\$4,000.00
LSCOG (SEC 5303 Match)	\$1,000.00	\$1,000.00
TOTALS	\$5,000.00	\$5,000.00

**WORK ELEMENT 4.2.11 –(44.27.00) ENVIRONMENTAL JUSTICE / TITLE VI**

**Purpose:** Identify residential, employment, and transportation patterns of low-income and minority populations, as defined under Executive Order 12898 and Title VI of the 1964 Civil Rights Act, and address those needs by increasing the partnerships with low-income and minority populations and the organizations that serve them. Title VI complaint process has been adopted by ARTS and APT to insure all individuals the rights and opportunities wishing to participate in the department’s programs are given an equal chance to participate and/or receive departmental services or benefits.

**Activity for FY 2015:** ARTS and APT will continue to build relationships and enhance the transit agency’s presence with key leaders and organizations in traditionally underrepresented communities through participation on local advisory and planning committees, presentations and speaking engagements, providing resource information and attending community networking events, workshops, and conferences. During this program year ARTS staff will continue to work with social service agencies, welfare recipients and other stakeholders to maintain and improve the link between low-income and minority populations and job opportunities. When consideration of route changes, especially decreases in service, LSCOG may pursue an environmental justice analysis to make sure changes are fair and equitable to low income and minority neighborhoods served by the Best Friend Express and in compliance with Title VI

**Product:** Develop a strategy to improve transportation services and facilities for all, including low-income and minority populations. This includes improving transportation linkages between home and work locations.

**Previous Work:** During the last program year staff worked with social service agencies to develop strategies and provide transportation to people making the transition from welfare to work.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	LSCOG	
FTA (SEC 5303)	\$4,800.00	\$1,000.00	\$5,800.00
GA DOT (SEC 5303 Match)	\$600.00		\$600.00
APDD (SEC 5303 Match)	\$600.00		\$600.00
LSCOG (SEC 5303 Match)		\$250.00	\$250.00

**WORK ELEMENT 4.3 -(44.23.01) INTERMODAL PLANNING**

**Purpose:** To incorporate bicycle, pedestrian, transit, freight and non-motorized transportation planning activities into the overall ARTS transportation planning process. To implement projects that resolve conflicts between modes of transportation, such as rail / highway conflicts, and projects that improve connections among modes of transportation.

This work element will be used to foster a transportation system that accommodates bicycle, pedestrian, transit, freight and other non-motorized means of transportation. Activity under this work element will focus on evaluating the highway / rail conflicts in the ARTS area, to addressing the efficient movement of freight, and to identify possible solutions to problem locations as they are related to intermodal connections.

**Activity for FY 2015:** ARTS staff will undertake the following activities related to bicycle and pedestrian planning –

1. Recommend forming a permanent bicycle and pedestrian advisory committee for ARTS, establish a regular meeting schedule and develop an action plan based on the regional plan recommendations
2. Implement an annual count of bicyclists and pedestrians throughout the study area
3. Evaluate the existing sidewalk inventory, update as necessary and identify gaps in the network
4. Identify and implement activities that encourage and educate the public about bicycle and pedestrian programs and safety

**Product:** Annual count of bicyclits and pedestrians; Updated sidewalk inventory

**Previous Work:** The ARTS Regional Freight Study, completed in January 2009, identified several freight improvement projects that were subsequently included in the ARTS 2035 Long Range Transportation Plan. An update of the ARTS Regional Bicycle and Pedestrian Plan was completed in 2012.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$6,400.00		\$6,400.00
APDD (GA PL Match)	\$1,600.00		\$1,600.00
FHWA (SC PL)	\$400.00	\$1,600.00	\$2,000.00
ACPDD (SC PL Match)	\$100.00	\$400.00	\$500.00
FTA (SEC 5303)	\$6,400.00		\$6,400.00
GA DOT (SEC 5303 Match)	\$800.00		\$800.00
APDD (SEC 5303 Match)	\$800.00		\$800.00
<b>TOTALS</b>	<b>\$16,500.00</b>	<b>\$2,000.00</b>	<b>\$18,500.00</b>

#### **WORK ELEMENT 4.4 - AIR QUALITY ISSUES**

**Purpose:** To monitor relevant air quality data and regulations, coordinate the work of the CSRA Air Quality Alliance, help implement local and regional air quality initiatives, keep local stakeholders informed about air quality issues and participate in air quality training.

Under this work element ARTS staff will continue to monitor relevant air quality data and regulations, coordinate the work of the CSRA Air Quality Alliance, help implement local and regional air quality initiatives, keep local stakeholders informed about air quality issues, and participate in air quality training.

**Activity for FY 2015:** ARTS staff will continue to monitor relevant air quality data, help implement local and regional air quality initiatives, coordinate the work of the CSRA Air Quality Alliance, monitor developments related to federal air quality regulations and requirements, attend air quality training workshops, work with other stakeholders to maintain an air quality action plan and disseminate information to stakeholders in the study area. All of these activities will be ongoing throughout the program year.

**Product:** No single product will be the end result of this work element. ARTS will continue to participate in local and regional air quality initiatives and activities as outlined above.

**Previous Work:** ARTS staff has maintained a continuous dialogue with industry leaders, regional and local government officials, local school officials, the Clean Air Campaign staff, local Chambers of Commerce, Economic Development agencies, and local citizens in order to stay abreast of and disseminate pertinent information regarding air quality and regional initiatives. One aspect of this activity includes coordinating the activities of the CSRA Air Quality Alliance. Other types of activities undertaken by ARTS staff include:

- Maintained a permanent web site for the CSRA Air Quality Alliance.
- Coordinated meetings between major employers (e.g. Fort Gordon, MCG, etc.) and representatives of the Clean Air Campaign designed to enlist participation in the Clean Air Campaign's Commuter Rewards Program.
- Sponsored a "Lunch and Learn" with the Clean Air Campaign
- Made air quality presentations to elementary and middle school students
- Distributed Air quality information at special events in the Augusta-Aiken area
- Coordinated and hosted periodic meetings of the Air Quality Alliance.
- Finalized an action plan that includes local and regional air quality initiatives.
- Continued to monitor air quality data and changes in federal air quality regulations.
- Provided ARTS committees and other stakeholders with regular updates on the CSRA Air Quality Alliance and air quality issues and initiatives.
- Disseminated information on air quality issues and tips for improving air quality through the ARTS newsletter and the CSRA Air Quality Alliance website.

Over the past decade ARTS has participated in other air quality initiatives including an air quality task force sponsored by the Augusta Metro Chamber of Commerce, the Fall Line Air Quality Study, the Ozone Early Action Compact and the South Carolina Transportation Conformity Memorandum of Agreement. Over the last couple of years Aiken County Planning and Development staff have met with other Aiken County stakeholders to discuss the potential impact of nonattainment designation on Aiken County industry.

Plans are progressing for a Park & Ride lot, to be located on a 3.4-acre parcel of SCDOT right-of-way in the northwest quadrant of the Exit 5 / Interstate 20 interchange in North Augusta. The project was conceived in 2009 and funding was added to the ARTS Transportation Improvement Program in June 2010. A design contract was awarded in October 2011 and preliminary plans were 95% complete by November 2012.

Construction is expected to start sometime in 2013 contingent on additional funding. The city of North Augusta will be responsible for maintenance and operation of the facility. The facility will contribute to improved air quality by providing a convenient and safe location for ridesharing.

In June 2013, the Aiken County Bicycle & Pedestrian Committee was formed as was suggested by the consultant Alta Greenways in the standalone Aiken County Bicycle and Pedestrian Plan which they completed in 2012. The committee’s mission is to advise SC ARTS, the County, and local jurisdictions on implementation of the Plan and other opportunities to promote safe bicycling and walking in Aiken County. They will try to help implement as many of the proposed projects as possible over the next several years.

**Work Schedule:** July 2014 through June 2015

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)	\$1,600.00	\$3,600.00	\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
<b>TOTALS</b>	<b>\$12,000.00</b>	<b>\$4,500.00</b>	<b>\$16,500.00</b>

**WORK ELEMENT 4.8 - GIS / INTERNET DEVELOPMENT AND APPLICATIONS**

**Purpose:** Continue the development and maintenance of Geographic Information Systems (GIS) data and ARTS internet websites in support of transportation planning activities. Update computer hardware and software as necessary to keep pace with changes in GIS and other computer programs.

Under this work element ARTS staff will use Geographic Information Systems (GIS) and the internet to collect, analyze and display transportation-related information. GIS maps will be used to create maps for ARTS-related reports and presentations. The internet will be used to gather additional information (e.g. reports, data) used in transportation planning. Computer hardware and software will be purchased for use in regional transportation planning.

**Activity for FY 2015:** The MPO will continue to use its existing GIS for mapping activities and to develop compatible data layers. Thematic maps can be created for the entire study area using Census and CTPP information. Both the MPO and Aiken County will use internet websites to share information about the ARTS transportation planning process. LSCOG develops and maintains GIS data and interactive map websites that assist with the collection, analysis, and distribution of transportation related information.

**Product:** Products will include a variety of maps depicting such information as socioeconomic characteristics, transit routes, TIP and LRTP project locations, and CMP routes. Updates to the ARTS and the updating of the ARTS and air quality alliance websites will also be completed.

**Previous Work:**

- Maps were generated for 2013 CMP and 2013-2016 TIP reports and posted on ARTS website.
- Maps were created for the 2035 Long Range Transportation Plan update public meetings.
- Staff coordinated with Richmond County Traffic Engineering in using the Critical Accident Reporting Environment (CARE) software program for GIS related data.
- Staff attended an advanced GIS class called Building Geodatabases.
- Staff updated and maintained the ARTS and CSRA Air Quality Alliance websites.
- Aiken County GIS staff continued updating the road layers for the County by adding new roads and editing existing ones. GIS staff also continued maintaining road centerlines and updating the Aiken County Road Atlas. Also, during the revising of the base year socioeconomic data, GIS staff collected data for TAZ's from an online census data service.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
1. Prepare and use GIS maps for transportation planning and analysis	As needed throughout program year
2. Update website information on ARTS meetings and events	Monthly throughout program year
3. Post ARTS studies and reports (e.g. UPWP, TIP, CMP) on MPO website	As completed throughout program year (July 2014 – June 2015)

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$5,200.00			\$5,200.00
APDD (GA PL Match)	\$1,300.00			\$1,300.00
FHWA (SC PL)		\$40,000.00		\$40,000.00
ACPDD (SC PL Match)		\$10,000.00		\$10,000.00
FTA (SEC 5303)			\$8,000.00	\$8,000.00
LSCOG (SEC 5303 Match)			\$2,000.00	\$2,000.00
TOTALS	\$6,500.00	\$50,000.00	\$10,000.00	\$66,500.00

**WORK ELEMENT 4.11 - (44.23.01) LONG RANGE PLAN**

**Purpose:** Maintain the ARTS Long Range Transportation Plan in accordance with transportation planning regulations.

This work element involves making changes, as necessary, to the ARTS Long Range Transportation Plan. Amendments may be necessary due to changes in socioeconomic conditions, the identification of additional transportation needs, or to take advantage of unforeseen project funding opportunities. The Georgia Department of Transportation will continue to maintain the ARTS travel demand model. ARTS staff will monitor the status of the LRTP and coordinate any changes to it.

**Activity for FY 2015:** The 2040 Long Range Transportation Plan update is due in September 2015. This update will begin during the 2015 fiscal year. Updates to the ARTS Long Range Plan will be made as necessary in response to changing transportation needs and priorities and to conform with transportation planning regulations. Note that this work element funds ARTS staff work in support of any plan update or amendment.

**Product:** Updates or amendments to the ARTS Long Range Transportation Plan as needed. Year 2040 Long Range Plan update.

**Previous Work:** The Year 2035 ARTS Long Range Transportation Plan update was completed and adopted by the ARTS Policy Committee on September 2, 2010.

**Work Schedule:** Any amendments to the 2035 LRTP will be considered at the appropriate time during FY 2015.

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:** Note that this work element funds ARTS staff work related to LRTP Amendments or updates. Work by consultants on the LRTP is funded under the Special Studies Work Element.

**Responsible Agencies:** Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$1,200.00		\$1,200.00
APDD (GA PL Match)	\$300.00		\$300.00
FHWA (SC PL)	\$800.00	\$3,200.00	\$4,000.00
ACPDD (SC PL Match)	\$200.00	\$800.00	\$1,000.00
FTA (SEC 5303)	\$3,200.00		\$3,200.00
GA DOT (SEC 5303 Match)	\$400.00		\$400.00
APDD (SEC 5303 Match)	\$400.00		\$400.00
<b>TOTALS</b>	<b>\$6,500.00</b>	<b>\$4,000.00</b>	<b>\$10,500.00</b>

**WORK ELEMENT 4.12 - (44.25.00) TRANSPORTATION IMPROVEMENT PROGRAM**

**Purpose:** Update the ARTS Transportation Improvement Program (TIP) in conformance with Federal regulations.

This work element involves the annual update of the Transportation Improvement Program (TIP). The TIP covers a four year-year programming period in the Georgia part of the study area and six years on the South Carolina side. Updates involve the removal of projects that have advanced to construction, the development, or update of project descriptions or cost estimates, and the prioritization of projects. The TIP is developed with public input and is coordinated with other transportation providers. Documentation of the effort is submitted for review and adoption by ARTS committees and also goes through a public involvement process.

**Activity for FY 2015:** Develop and publish an updated TIP for the ARTS area. The TIP is a staged, multi-year, intermodal program of transportation projects consistent with the ARTS Long Range Transportation Plan. Following are the basic steps in the development of the TIP.

1. **Test Transportation Network** – Under the guidance of the Test Network Subcommittee, the ARTS travel demand model is tested based on updated conditions (e.g. socioeconomic factors, projects moving to construction, etc.) in order to develop an updated profile of regional transportation needs.
2. **Develop Draft TIP** – A draft version of the TIP is developed in consultation with all stakeholders. Consultation strategies in the ARTS Participation Plan are used to obtain the necessary input.
3. **Adopt Draft TIP** – The draft TIP is adopted by the ARTS Policy Committee
4. **Public Review and Comment on Draft TIP** – The draft TIP is made available for public review and comment in accordance with the ARTS Participation Plan
5. **Adopt Final TIP** – The final TIP is adopted by the ARTS Policy Committee, incorporating any changes resulting from review and comment by the general public and other stakeholders.
6. **Implement TIP** – Projects in the TIP are implemented in accordance with the approved schedule. Implementation is done cooperatively by all stakeholders. During the course of implementation, it may be necessary to amend the TIP in response to changes in the scope, cost or priority of projects.

**Product:** Updated ARTS Transportation Improvement Program (TIP).

**Previous Work:** The ARTS Transportation Improvement Program (TIP) was developed during the previous fiscal year. Implementation of the TIP is ongoing.

**Work Schedule:** The schedule for development of the TIP is as follows:

ACTIVITY	EXPECTED COMPLETION DATE
1. Test Transportation Network	January 2015
2. Develop Draft TIP	February 2015
3. Adopt Draft TIP	March 6, 2014
4. Complete Public Review and Agency Consultation	April 2014
5. Adopt Final TIP	June 5, 2014
6. Implement TIP	Ongoing beginning July 1, 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$13,600.00			\$13,600.00
APDD (GA PL Match)	\$3,400.00			\$3,400.00
FHWA (SC PL)	\$1,600.00	\$3,600.00		\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00		\$1,300.00
FTA (SEC 5303)	\$16,000.00		\$2,000.00	\$18,000.00
GA DOT (SEC 5303 Match)	\$2,000.00			\$2,000.00
APDD (SEC 5303 Match)	\$2,000.00			\$2,000.00
LSCOG (SEC 5303 Match)			\$500.00	\$500.00
<b>TOTALS</b>	<b>\$39,000.00</b>	<b>\$4,500.00</b>	<b>\$2,500.00</b>	<b>\$46,000.00</b>

**WORK ELEMENT 4.13 - SPECIAL TRANSPORTATION STUDIES**

**Purpose:** To complete a planning-level transportation study (or studies) that address some need, problem or issue identified through the regional transportation planning process. The study can focus on a need or issue tied to a specific location in the study area or, preferably, addresses a transportation need beneficial to the entire region.

Typically funds allocated to the Special Study work element are used to hire a consultant to complete the study. Non-federal matching funds are required from the project sponsor, be it the MPO or other ARTS participant (e.g. local government).

**Activity for FY 2015:** To complete the the ARTS 2040 Long Range Transportation Plan and the SC 19 Highway Corridor Study Any other special studies to be completed under this work element will be identified and agreed upon in consultation with all ARTS stakeholders.

**Products:** The ARTS 2040 Long Range Transportation Plan and the SC 19 Highway Corridor Study.

**Previous Work:** Special studies completed in the last two years include the following:

- ARTS ATMS Master Plan update (2014)
- Dougherty Road Corridor Study (2013)

**Work Schedule:** The anticipated schedule for selection and completion of Special Studies is as follows:

ACTIVITY	EXPECTED COMPLETION DATE
1. Solicit Special Study proposals from ARTS stakeholders	January 2015
2. CAC / TCC endorsement of Special Study	February 2015
3. Policy Committee approves specific Special Study as part of final 2015 UPWP	March 2015
4. Procure consultant for Special Study	June-August 2015
5. Consultant begins Special Study project	September 2015
6. Consultant completes Special Study project	June 2015

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department, and Lower Savannah Council of Governments.

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$120,000.00			\$120,000.00
APDD (GA PL Match)	\$30,000.00			\$30,000.00
FHWA (SC PL)	\$2,400.00	\$80,000.00		\$82,400.00
ACPDD (SC PL Match)	\$600.00	\$20,000.00		\$20,600.00
FTA (SEC 5307)			\$65,000.00	\$65,000.00
LSCOG (SEC 5303 Match)			\$16,250.00	\$16,250.00
<b>TOTALS</b>	<b>\$153,000.00</b>	<b>\$100,000.00</b>	<b>\$81,250.00</b>	<b>\$334,250.00</b>

**METROPOLITAN PLANNING ORGANIZATION**

**MEMORANDUM OF UNDERSTANDING**

**FOR THE**

**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**BETWEEN**

the Georgia cities of Hephzibah, Blythe and Grovetown, Columbia County, Georgia, Augusta, Georgia, the Augusta Georgia Planning and Development Department, United States Signal Center and Fort Gordon, the Georgia Department of Transportation, the South Carolina Counties of Aiken and Edgefield, the South Carolina Cities of Aiken, North Augusta, and Burnetown, and the South Carolina Department of Transportation, in cooperation with the U.S. Department of Transportation.

**RELATIVE TO**

The urban transportation planning process known as the “Augusta Regional Transportation Study”

**I. IT IS THE INTENTION OF THE PARTIES:**

A. That the Augusta Regional Transportation Study (ARTS) is to:

1. Maintain a continuing, cooperative and comprehensive transportation planning process as defined in Title 23 USC Section 134 and results in plans and programs consistent with comprehensively planned development of the urbanized area.
2. Update and revise the 20 Year Multimodal Transportation Plan, to create a fiscally feasible transportation system that integrates thoroughfare development, public mass transportation, air facilities, rail systems, intermodal facilities, bicycle and pedestrian facilities and transportation enhancements; and reflects consideration of the area's comprehensive land use plans and overall social, economic, environmental, and energy conservation plans, goals and objectives.
3. Create a functional relationship between transportation planning and city-county development.
4. Maintain the data obtained in the original data collection phase of the study and any pertinent data collected thereafter on a current level so that existing and forthcoming recommendations may be evaluated and updated periodically.

5. Produce all documents and studies that are necessary to maintain a Certified Transportation Planning Process.
- 
- II. **IS FURTHER AGREED** that the areas of responsibility of the aforementioned counties, municipalities, and government agencies shall lie within the Metropolitan Area Boundary established by the Policy Committee of the Augusta Regional Transportation Study. This area includes all of Richmond County and parts of Columbia County, Aiken County and Edgefield County.
  - III. **IT IS FURTHER AGREED**, that the Metropolitan Planning Organization (MPO), as designated by the Governors of Georgia and South Carolina, is the Augusta Planning and Development Department, a Department within the Augusta, GA city government. The Augusta MPO shall have the primary responsibility for carrying out the urban transportation planning process and of developing the planning work programs, transportation plan, and transportation improvement program
  - IV. **IT IS FURTHER AGREED** that the ARTS shall be coordinated by a project director who shall be the director of the Augusta Georgia Planning and Development Department or his designee and the staff of said agency shall serve, in part, as staff to the ARTS program and process. Additional staff resources may be provided, upon request, from the Technical Coordinating Committee (TCC) membership and existing staff resources of the participating agencies and governments. The Project Director shall coordinate all requests under the direction of the Policy Committee.
  - V. **IT IS FURTHER AGREED**, that the ARTS Policy Committee shall continue to adopt appropriate goals, work programs, and plans; and establish the need, form, and direction of future transportation improvements in the ARTS area. The Policy Committee shall be the MPO forum for cooperative decision-making by elected and appointed officials of general purpose local government and intermodal transportation providers. The individuals representing the government jurisdictions involved in the ARTS planning process and other involved agencies shall comprise the Policy Committee. The membership shall be enumerated in the Policy Committee Bylaws. The Policy Committee shall have final authority in the matters of policy and plan adoption for the Augusta Regional Transportation Study.
  - VI. **IT IS FURTHER AGREED**, that the committee known as the Technical Coordinating Committee (TCC) shall continue to function to assure the involvement of all the applicable departments, advisory agencies, and multimodal transportation providers concerned with, or affected by, the planning process and subsequent implementation of plans. The TCC shall provide the technical guidance and direction of the Augusta Regional Transportation Study. The membership shall be enumerated in the Technical Coordinating Committee Bylaws.

- VII. **IT IS FURTHER AGREED**, that the Citizens Advisory Committee (CAC) shall continue to function as a public information and involvement committee, and shall be representative of a cross-section of the community. The CAC shall keep the Policy Committee and the Technical Coordinating Committee informed of the community's perspective and shall also provide information to the community about transportation policies and issues. The membership shall be enumerated in the Citizens Advisory Committee Bylaws.
- VIII. **IT IS FURTHER AGREED** that the various committees meet at the appropriate stages in the planning process in accordance with the bylaws adopted by each committee.
- IX. **IT IS FURTHER AGREED**, that the **Georgia Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:
- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
  - b. Update and maintain travel simulation models for use in evaluating the metropolitan area's transportation needs. Said models shall be the "official" ARTS models. The Department shall also provide the expertise and computer software to maintain and update the model as necessary.
  - c. Make periodic reviews of projected transportation needs; and revisions, when necessary, of the multimodal transportation plan.
  - d. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal Transportation Plan.
  - e. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.
  - f. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
  - g. Incorporate, without modification, the Georgia portion of the adopted ARTS Transportation Improvement Program into Georgia's State Transportation Improvement Program; and coordinate with the ARTS Multimodal Transportation Plan in the development of the Georgia Statewide Transportation Plan.
  - h. Facilitate with all participating parties an understanding of the development and amendment process for the Transportation Improvement Program and the Statewide Transportation Improvement Program.
  - i. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.

- J Provide various types of traffic count data.
- k. Provide other assistance as mutually agreed upon.

X. **IT IS FURTHER AGREED**, that the **South Carolina Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
- b. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal Transportation Plan. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.
- c. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- d. Incorporate, without modification, the South Carolina portion of the adopted ARTS Transportation Improvement Program into the South Carolina State Transportation Improvement Program; and coordinate with the ARTS Transportation Plan in the development of the South Carolina Statewide Transportation Plan.
- e. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- f. Provide various types of traffic count data.
- g. Perform other duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta Georgia Planning and Development Department for the Use of Section 104(f) Funds dated October 5, 1994.

XI. **IT IS FURTHER AGREED**, that the **Augusta Georgia Planning and Development Department**, a Department within the Augusta, GA city government, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Assist in the preparation of planning-oriented preliminary engineering, right-of-way and construction cost estimates for projects in the ARTS Multimodal Transportation Plan.
- b. Update and maintain maps showing existing and proposed land use, and compare actual and projected land development.
- c. Evaluate zoning and subdivision requests for impacts on or from projects in the ARTS Multimodal Transportation Plan.
- d. Provide or obtain social and community development plans as may relate to transportation needs.

- e. Develop and maintain base-year and horizon-year socioeconomic data, by traffic analysis zone (TAZ), for use in ARTS traffic simulation models.
- f. Make recommendations for revisions of the ARTS Multimodal Transportation Plan to conform to any new planning goals, objectives, policies, or developments.
- g. Periodically review traffic analysis zone (TAZ) boundaries and make recommendations to the Technical Coordinating Committee to revise said boundaries as necessary. Cooperate with the Georgia and South Carolina Departments of Transportation in making any changes to TAZ boundaries.
- h. Provide needed maps, aerial photographs, charts, records, and directories to the extent possible.
- i. Collect, analyze, and distribute traffic data, such as traffic counts and accident data, to the public, governmental agencies, and other parties.
- j. Maintain and update a fiscally-constrained, multimodal transportation plan that results in the development of an integrated intermodal transportation system that facilitates the efficient movement of people and goods. The transportation plan shall be reviewed and updated at least every five years.
- k. Maintain, and update annually, a fiscally-constrained, three-year, multimodal Transportation Improvement Program (TIP) for Georgia, and a five-year TIP for South Carolina.
- l. Prepare an annual Unified Planning Work Program to document planning activities to be performed in the next fiscal year; in sufficient detail to indicate who will perform the work, the schedule for completion and the end products.
- m. Prepare an annual Performance Report that compares actual accomplishments to the work element descriptions in the Unified Planning Work Program.
- n. Compile, maintain, and document data on existing water, air, freight and rail terminal and transfer facilities.
- o. Maintain and update as necessary the ARTS Public Involvement Policy (PIP). The PIP documents how the MPO will support early and continuing involvement of the public in the development of transportation policies, plans and programs.
- p. Cooperate with the Georgia and South Carolina Departments of Transportation in the development and implementation of any transportation management systems mandated by Federal law. The MPO will have the lead responsibility in the development of the ARTS Congestion Management System.
- q. Ensure that the Congestion Management System and any other applicable management systems shall, to the extent appropriate, be part of the metropolitan transportation planning process, and shall be considered in the development of the transportation plan and the TIP.
- r. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

- s. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta Georgia Planning and Development Department for the Use of Section 104(f) Funds dated October 5, 1994.
- t. Annually certify to the FHWA and the FTA, concurrently with the Georgia and South Carolina Departments of Transportation that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- u. Prepare and submit quarterly and annual FTA reports.

XII. **IT IS FURTHER AGREED**, that **Augusta Georgia, as the local government**, within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- d. Aid the MPO in developing planning-oriented preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- e. Be responsible for cooperating with the Augusta Georgia Planning and Development Department insofar as its authority extends.

XIII. **IT IS FURTHER AGREED**, that **Augusta Public Transit (APT)** shall:

- a. Provide instructions and directions to the Augusta Georgia Planning and Development Department as to studies and plans to be conducted on its behalf by the Augusta Georgia Planning and Development Department, including, but not limited to, corridor and sub-area studies when necessary.
- b. Make available to the Augusta Georgia Planning and Development Department any records, documents or information necessary to accomplish APT's planning objectives and to develop the Augusta Multimodal Transportation Plan and the TIP.
- c. Cooperate with the Georgia Department of Transportation in the development of any management systems mandated by Federal law.

- d. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

XIV. **IT IS FURTHER AGREED**, that the **City of Grovetown, Georgia** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XV. **IT IS FURTHER AGREED**, that **Columbia County, Georgia** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XVI. **IT IS FURTHER AGREED**, that the **Aiken County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- e. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta Georgia Planning and Development Department for the Use of Section 104(f) Funds dated October 5, 1994.

XVII. **IT IS FURTHER AGREED**, that the **Edgefield County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.

XVIII. **IT IS FURTHER AGREED**, that the **City of North Augusta, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development Department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.

- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XIX. **IT IS FURTHER AGREED**, that the **City of Aiken, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XX. **IT IS FURTHER AGREED**, that the **City of Burnetown, South Carolina** shall provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP

XXI. **IT IS FURTHER AGREED** that the **City of Hephzibah, Georgia** shall provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXII. **IT IS FURTHER AGREED**, that the **City of Blythe, Georgia** shall provide the staff of the Augusta Georgia Planning and Development Department with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP,.

XXIII. **IT IS FURTHER AGREED**, that the **Lower Savannah Council of Governments (LSCOG)**, in its capacity as administrator of **Aiken County Transit**, shall:

- a. Make available to the Augusta Georgia Planning and Development Department any records, documents or information necessary to accomplish planning objectives related to Aiken County Transit and to develop the Augusta Multimodal Transportation Plan and the TIP.

- b. Cooperate with the South Carolina Department of Transportation in the development of any management systems mandated by Federal law.
- c. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

**XXIV. IT IS FURTHER AGREED**, that **US Signal Center and Fort Gordon** either provide or assist the staff of the Augusta Georgia Planning and Development Department in gathering information needed to maintain and update ARTS transportation plans, to carry out work elements in the UPWP, and to insure that Fort Gordon is adequately served by the ARTS.

**XXIV. IS FURTHER AGREED**, that:

- a. **The Study** shall be of a continuing, comprehensive, cooperative nature and that all planning decisions shall be reflective of and responsive to the needs and desires of the local communities as well as the programs and requirements of the Georgia and South Carolina Departments of Transportation and the U.S. Department of Transportation.
- b. A reappraisal shall be made of the Study whenever there is a significant change in the community's goals and objectives, land use patterns, or travel characteristics, or at least once every five (5) years.
- c. The participating agencies shall cooperate in all phases of the Study. Adequate and competent personnel shall be assigned to insure development of adequate and reliable data.
- d. All parties to this agreement shall have access to all study related information developed by the other agencies, including the right to make duplication thereof.

This document is a Memorandum of Understanding expressing the present intentions of the parties. Nothing contained herein shall require the undertaking of any act, project, study, analysis, or any other activity by any party until a contract for such activity is executed. Nor shall this document require the expenditure of any funds by any party until a contract authorizing such expenditure is executed.

However, nothing contained herein shall be construed to prohibit any party's undertaking any act, project, study, analysis, or any other activity which the party is required by law or contract to undertake as part of any other program which fulfills some function shown herein as intended to be performed by the party undertaking such act, project, study, analysis, or other activity.

In witness whereof, the parties hereto have executed this Memorandum of Understanding this 15th day of May, 2012.

**CITY OF AUGUSTA, GEORGIA**

Bobby W. Murphy  
Witness

Deke Copenhaver  
Mayor - Deke Copenhaver

Amber Bonner  
Notary Public  
**Notary Public, Richmond County, Georgia**  
**My Commission Expires Nov. 17, 2015**

AGM  
1/9/12

**AUGUSTA PUBLIC TRANSIT - AUGUSTA GEORGIA**

[Signature]  
Witness

Mike Rosson  
General Manager - Mike Rosson

Debra Russell  
Notary Public  
**My Commission Expires**  
**April 13, 2013**

**CITY OF HEPHIZIBAH GEORGIA**

Martha Allen  
Witness

Robert J. Buchwitz  
Commission Chairman - Robert Buchwitz

Cynthia J. Jennings  
Notary Public



CITY OF BLYTHE GEORGIA

Jesse Homby  
Witness

Patricia H. Cole  
Mayor – Patricia Cole

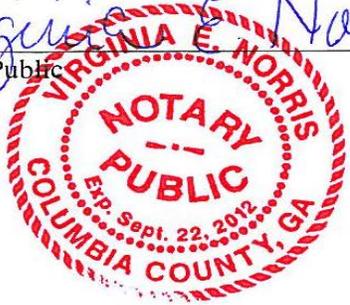
Loriana H. Chancy  
Notary Public  
**Loriana H. Chancy**  
Notary Public  
Richmond County, Georgia  
My Commission Expires Nov. 8, 2015

CITY OF GROVETOWN GEORGIA

Shirley Beasley  
Witness

George James  
Mayor – George James

Virginia E. Norris  
Notary Public

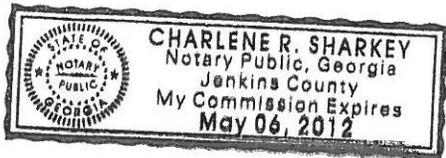


COUNTY OF COLUMBIA GEORGIA

Janeaki B. Wells  
Witness

Ron Cross  
Commission Chairman – Ron Cross

Charlene R. Sharkey  
Notary Public



**AUGUSTA GEORGIA PLANNING AND DEVELOPMENT DEPARTMENT**

Gay C. Schmidt  
Witness

Debra Russell  
Notary Public  
My Commission Expires  
April 13, 2013

George A. Patty  
Director – George A. Patty

**COUNTY OF AIKEN, SOUTH CAROLINA**

ATTEST:

Tamara Sullivan  
Tamara Sullivan, Council Clerk

SIGNED:

Ronnie Young  
Ronnie Young, Chairman

Chris A. Caesar  
Notary Public

Commission Expires:

My Commission Expires  
February 7, 2016

**BEST FRIEND EXPRESS**

William Gray  
Witness

Frances Blevens  
Notary Public

My Commission Expires  
September 2, 2018

Connie N. Shade  
Executive Director, Lower Savannah COG  
Connie Shade

CITY OF NORTH AUGUSTA, SOUTH CAROLINA

[Signature]  
Witness

Diana D. Miller  
Notary Public

[Signature]  
Mayor - Lark W. Jones

Sworn to and Subscribed Before Me,  
This 25<sup>th</sup> Day of October, 2011  
Signed: Diana D. Miller  
Notary Public of South Carolina  
My Commission Expires: June 27, 2016

CITY OF AIKEN SOUTH CAROLINA

Susan L. Mimmie  
Witness

Sara B. Bidout  
Notary Public

[Signature]  
Mayor - Fred Cavanaugh

FORT GORDON, GEORGIA

[Signature]  
Witness

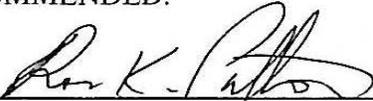
Frances Anthony  
Notary Public

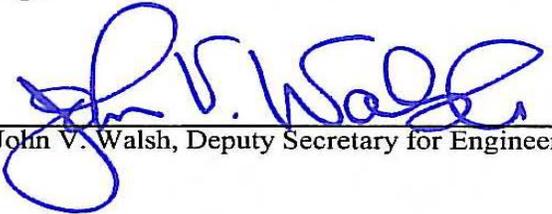
[Signature]  
Colonel Robert A. Barker  
Commanding, US Army Garrison, Fort Gordon



Signed, Sealed, and Executed for the **SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

RECOMMENDED:

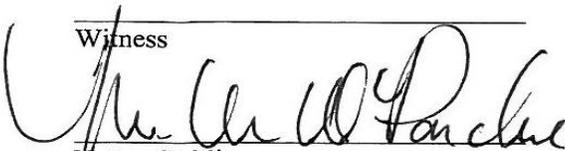
  
\_\_\_\_\_  
Ron K. Patton, Chief Engineer for Planning, Location, and Design

  
\_\_\_\_\_  
John V. Walsh, Deputy Secretary for Engineering

Attest:

  
\_\_\_\_\_  
Mark C. Lester, Director of Planning and Environmental

**MUNICIPALITY OF BURNETTOWN SOUTH CAROLINA**

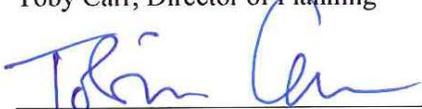
Witness  
  
\_\_\_\_\_  
Notary Public

  
\_\_\_\_\_  
Mayor – C. H. Williams

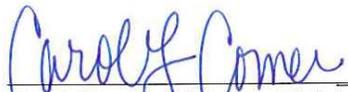
Signed, Sealed, and Executed for the **GEORGIA DEPARTMENT OF TRANSPORTATION**:

RECOMMENDED:

Toby Carr, Director of Planning

  
\_\_\_\_\_  
Witness

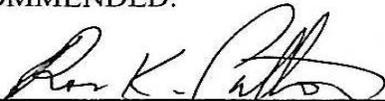
  
\_\_\_\_\_  
Keith Golden  
Georgia DOT Commissioner

  
\_\_\_\_\_  
Carol Comer, Director, Division of Intermodal

  
\_\_\_\_\_  
Witness

Signed, Sealed, and Executed for the **SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

RECOMMENDED:



\_\_\_\_\_  
Ron K. Patton, Chief Engineer for Planning, Location, and Design



\_\_\_\_\_  
John V. Walsh, Deputy Secretary for Engineering

Attest:



\_\_\_\_\_  
Mark C. Lester, Director of Planning and Environmental

**APPENDIX C**

**AUGUSTA REGIONAL TRANSPORTATION STUDY COMMITTEES**

**POLICY COMMITTEE**

**VOTING**

Deke Copenhaver, Mayor (Chairman)  
Augusta, GA

Ron Cross, Chairman (Vice-Chairman)  
Columbia Co. Commission, GA

Robert Buchwitz, Chairman  
Hephzibah Commission

Keith Golden, Commissioner  
GA DOT

Lark Jones, Mayor  
North Augusta, SC

Fred Cavanaugh, Mayor  
Aiken, SC

George James, Mayor  
Grovetown, GA

C. H. Williams, Mayor  
City of Burnetown, SC

Brent Weir, Mayor  
City of Blythe

Ronnie Young, Chairman  
Aiken County Council, SC

Samuel G. Anderson, Colonel  
Fort Gordon, GA

H. B. Limehouse, Jr.  
SC DOT

**NON-VOTING**

Don Grantham, State Transportation Board  
GA

Les Morton, Chairman, CAC  
ARTS

Rodney Barry, Division Administrator  
FHWA - GA

J. Craig Forrest, Commissioner (1/2 vote)  
SC 2<sup>nd</sup> Congressional District

Melanie Wilson, Project Director  
ARTS

R. Eddie Adams, Commissioner (1/2 vote)  
SC 3<sup>rd</sup> Congressional District

Robert Lee, FHWA  
SC

**TECHNICAL COORDINATING COMMITTEE**

**VOTING**

Thomas Zeaser, Engineer  
City of North Augusta, SC

Joe Berry, Engineer  
Aiken County, SC

Abie Ladson, County Engineer  
Augusta, GA

Skip Grkovic  
Planning & Economic Development  
North Augusta, SC

Les Morton, Chairman  
ARTS CAC

George Grinton, Director of Public Works  
City of Aiken, SC

Nayna Mistry, Director  
Planning & Development Services  
Columbia County, GA

Ed Evans, Director  
Planning & Community Development Department  
Aiken, SC

Mike Sullivan, Area Planning Engineer  
SC DOT

Ronald Price, Chief of Transportation  
Fort Gordon, GA

Dana Lutrell, Best Friend's Express

Gary LeTellier, Director  
Augusta Regional Airport, GA

Stephen Strohming, Director  
Planning & Development Department  
Aiken County, SC

Melanie Wilson, Project Director  
ARTS

Matt Schlachter, County Engineer  
Columbia County, GA

Quentarus Brow, Manager  
Augusta Public Transit  
McDonald Transit

Steve Cassell, Traffic Engineer  
Augusta, GA

Connie Shade, Director  
Lower Savannah Council of Governments

Kelly Gwinn, Transportation Planner  
GA DOT

#### **NON-VOTING**

Dan Hinton, Planning & Environmental Engineer  
FHWA (SC)

Cynthia VanDyke, State Tran. Planning Administrator  
GADOT

Crystal Odum Ford, Transit Program Manager GADOT

Juriah Lewis, Transit Planner, APDD

Transportation Planner, APDD

John Humeston, Intermodal Plng Engineer/  
Manager, FHWA (GA)

Glenn Bowman, Environ Location Engineer,  
GADOT

Paul DeCamp, Deputy Director of Planning & Cst.  
APDD

Andy Crosson, Executive Director CSRA RDC

**CITIZENS ADVISORY COMMITTEE**

**VOTING**

Les Morton - Chairman, Columbia County

Wilbert Gallop - Vice-Chairman, Augusta

Frank Plumley, Columbia County

Willie Bell, Aiken

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FIGURE 1 ARTS UPWP, FY 2015 WORK ELEMENTS BY FUNDING SOURCE		AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT							AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)				TOTAL	
		FHWA		APDD		FTA		SEC 5303	SEC 5303	FHWA		FTA		SEC 5303		SEC 5307
		GA PL	MATCH	SC PL	ACPDD MATCH	SEC 5303 FUNDS	GA STATE MATCH	APDD MATCH		SC PL	ACPDD MATCH	SEC 5303 SC PL	LSCOG MATCH	SEC 5307 FUNDS		LSCOG MATCH
1.1	Program Coordination/Administration	\$48,000	\$12,000	\$6,000	\$1,500	\$0	\$0	\$0	\$43,600	\$10,900	\$2,500	\$625	\$2,000	\$500	\$127,625	
1.3	Training/Employee Education	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$4,800	\$1,200	\$4,000	\$1,000	\$0	\$0	\$26,000	
1.6	UPWP	\$4,800	\$1,200	\$800	\$200	\$8,000	\$1,000	\$1,000	\$2,000	\$500	\$3,000	\$750	\$0	\$0	\$23,250	
<b>Subtotal</b>		<b>\$64,800</b>	<b>\$16,200</b>	<b>\$6,800</b>	<b>\$1,700</b>	<b>\$8,000</b>	<b>\$1,000</b>	<b>\$1,000</b>	<b>\$50,400</b>	<b>\$12,600</b>	<b>\$9,500</b>	<b>\$2,375</b>	<b>\$2,000</b>	<b>\$500</b>	<b>\$176,875</b>	
2.1	Community Outreach / Education	\$16,000	\$4,000	\$2,000	\$500	\$6,400	\$800	\$800	\$4,400	\$1,100	\$1,600	\$400	\$3,000	\$750	\$41,750	
<b>Subtotal</b>		<b>\$16,000</b>	<b>\$4,000</b>	<b>\$2,000</b>	<b>\$500</b>	<b>\$6,400</b>	<b>\$800</b>	<b>\$800</b>	<b>\$4,400</b>	<b>\$1,100</b>	<b>\$1,600</b>	<b>\$400</b>	<b>\$3,000</b>	<b>\$750</b>	<b>\$41,750</b>	
3.1	Environmental Justice & Socioeconomic Data	\$7,200	\$1,800	\$1,200	\$300	\$0	\$0	\$0	\$5,200	\$1,300	\$0	\$0	\$2,000	\$500	\$19,500	
3.2	Land Use Monitoring	\$5,200	\$1,300	\$0	\$0	\$0	\$0	\$0	\$3,200	\$800	\$0	\$0	\$0	\$0	\$10,500	
3.4	Transportation Surveys, Models & Analysis	\$12,000	\$3,000	\$400	\$100	\$0	\$0	\$0	\$3,600	\$900	\$0	\$0	\$0	\$0	\$20,000	
<b>Subtotal</b>		<b>\$24,400</b>	<b>\$6,100</b>	<b>\$1,600</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$3,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$500</b>	<b>\$50,000</b>	
4.1	Congestion Management	\$20,000	\$5,000	\$800	\$200	\$6,400	\$800	\$800	\$2,240	\$560	\$0	\$0	\$0	\$0	\$36,800	
4.2	Transit / Paratransit															
4.2.1	Program Admin - APT	\$0	\$0	\$0	\$0	\$95,635	\$11,954	\$11,954	\$0	\$0	\$0	\$0	\$0	\$0	\$119,544	
4.2.2	Management & Operations - APT	\$0	\$0	\$0	\$0	\$8,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	
4.2.3	Program Admin - ACT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000	\$1,750	\$0	\$0	\$8,750	
4.2.5	Transit Project Admin - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,900	\$725	\$2,000	\$500	\$6,125	
4.2.6	Update of Complementary Paratransit Plan	\$0	\$0	\$0	\$0	\$3,200	\$400	\$400	\$0	\$0	\$1,000	\$250	\$0	\$0	\$5,250	
4.2.7	Marketing / Public Information - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$250	\$5,000	\$1,250	\$7,500	
4.2.8	Short Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$2,000	\$10,000	\$2,500	\$22,500	
4.2.9	Long Range Transit Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$500	\$0	\$0	\$2,500	
4.2.10	Transit Financial Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$1,000	\$0	\$0	\$5,000	
4.2.11	Environmental Justice / Title VI	\$0	\$0	\$0	\$0	\$4,800	\$600	\$600	\$0	\$0	\$1,000	\$250	\$0	\$0	\$7,250	
4.3	Intermodal Planning	\$6,400	\$1,600	\$400	\$100	\$6,400	\$800	\$800	\$1,600	\$400	\$0	\$0	\$0	\$0	\$18,500	
4.4	Air Quality Issues	\$8,000	\$2,000	\$1,600	\$400	\$0	\$0	\$0	\$3,600	\$900	\$0	\$0	\$0	\$0	\$16,500	
4.8	GIS Development & Applications	\$5,200	\$1,300	\$0	\$0	\$0	\$0	\$0	\$40,000	\$10,000	\$8,000	\$2,000	\$0	\$0	\$66,500	
4.11	Long Range Plan	\$1,200	\$300	\$800	\$200	\$3,200	\$400	\$400	\$3,200	\$800	\$0	\$0	\$0	\$0	\$10,500	
4.12	Transportation Improvement Plan	\$13,600	\$3,400	\$1,600	\$400	\$16,000	\$2,000	\$2,000	\$3,600	\$900	\$2,000	\$500	\$0	\$0	\$46,000	
4.13	Special Transportation Studies	\$120,000	\$30,000	\$2,400	\$600	\$0	\$0	\$0	\$80,000	\$20,000	\$0	\$0	\$65,000	\$16,250	\$334,250	
<b>SUBTOTAL</b>		<b>\$174,400</b>	<b>\$43,600</b>	<b>\$7,600</b>	<b>\$1,900</b>	<b>\$143,635</b>	<b>\$17,954</b>	<b>\$17,954</b>	<b>\$134,240</b>	<b>\$33,560</b>	<b>\$36,900</b>	<b>\$9,225</b>	<b>\$82,000</b>	<b>\$20,500</b>	<b>\$723,469</b>	
<b>GRAND TOTAL</b>		<b>\$279,600</b>	<b>\$69,900</b>	<b>\$18,000</b>	<b>\$4,500</b>	<b>\$158,035</b>	<b>\$19,754</b>	<b>\$19,754</b>	<b>\$201,040</b>	<b>\$50,260</b>	<b>\$48,000</b>	<b>\$12,000</b>	<b>\$89,000</b>	<b>\$22,250</b>	<b>\$992,094</b>	

**FIGURE 2**  
**ARTS UPWP FY 2015**  
**PLANNING WORK SCHEDULE**

		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
<b>WORK ELEMENT</b>													
1.1	Program Coordination/Administration	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
1.3	Training/Employee Education	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
1.6	UPWP				◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆			
2.1	Community Outreach / Education	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
3.1	Environmental Justice & SocioEc Data	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
3.2	Land Use Monitoring	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
3.4	Transportation Surveys, Models & Analysis							◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.1	Congestion Management								◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2	Transit / Paratransit	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.1	Program Admin - APT	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.2	Management & Operations - APT	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.3	Program Admin - ACT	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.5	Transit Project Admin - SC	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.6	Update of Complementary Paratransit Plan	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.7	Marketing / Pubic Information - SC	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.8	Short Range Transit Planning - SC	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.9	Long Range Transit Planning	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.10	Transit Financial Planning - SC	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.2.11	Environmental Justice / Title VI	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.3	Intermodal Planning	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.4	Air Quality Issues	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.8	GIS Development & Applications	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.11	Long Range Plan	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.12	Transportation Improvement Plan	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆				◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆
4.13	Special Transportation Studies	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆◆◆◆

**FIGURE 3  
FY 2015 UPWP**

**PLANNING WORK ELEMENTS**

**Planning Focus Area Matrix**

	#1	#2	#3	#4	#5	#6	#7	#8
<b>PROGRAM ADMINISTRATION &amp; IMPLEMENTATION</b>								
1.1 Program Coordination/Administration	x	x	x	x	x	x	x	x
1.3 Training/Employee Education	x	x	x	x	x	x	x	x
1.6 UPWP	x	x	x	x	x	x	x	x
<b>PUBLIC INVOLVEMENT</b>								
2.1 Community Outreach / Education	x	x	x	x	x	x	x	x
<b>DATA COLLECTION</b>								
3.1 Environmental Justice & Socioeconomic Data	x	x	x	x	x	x	x	x
3.2 Land Use Monitoring	x	x	x	x			x	x
3.4 Transportation Surveys, Models & Analysis	x	x	x	x	x	x	x	x
<b>SYSTEM PLANNING</b>								
4.1 Congestion Management	x	x	x	x	x	x	x	x
4.2 Transit / Paratransit	x	x	x	x	x	x	x	x
4.2.1 Program Admin - APT	x	x	x	x	x	x	x	x
4.2.2 Management & Operations - APT	x	x	x	x	x	x	x	x
4.2.3 Program Admin - ACT	x	x	x	x	x	x	x	x
4.2.5 Transit Project Admin - SC	x	x	x	x	x	x	x	x
4.2.6 Update of Complementary Paratransit Plan	x	x	x	x	x	x	x	x
4.2.7 Marketing / Pubic Information - SC	x	x	x	x	x	x	x	x
4.2.8 Short Range Transit Planning - SC	x	x	x	x	x	x	x	x
4.2.9 Long Range Transit Planning - SC	x	x	x	x	x	x	x	x
4.2.10 Transit Financial Planning - SC	x	x	x	x	x	x		
4.2.11 Environmental Justice / Title VI	x	x	x	x	x	x	x	x
4.3 Intermodal Planning	x	x	x	x	x	x	x	x
4.4 Air Quality Issues	x	x	x	x	x	x	x	x
4.8 GIS Development & Applications	x	x	x	x	x		x	x
4.11 Long Range Plan	x	x	x	x	x	x	x	x
4.12 Transportation Improvement Plan	x	x	x	x	x	x	x	x
4.13 Special Transportation Studies	x	x	x	x	x	x	x	x

**Planning Focus Areas**

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