



**UNIFIED PLANNING WORK PROGRAM  
FOR THE  
AUGUSTA REGIONAL TRANSPORTATION STUDY  
IN GEORGIA - FISCAL YEAR 2017  
IN SOUTH CAROLINA - FISCAL YEAR 2016-2017**

Prepared By:

**Augusta Planning And Development Department  
Melanie Wilson, Director**

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**  
June 2, 2016







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**IN COOPERATION WITH:**

**AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,**

**GEORGIA DEPARTMENT OF TRANSPORTATION,**

**AND THE**

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**SERVICING**

**CITY OF BLYTHE, GA, RICHMOND COUNTY, GA, CITY OF GROVETOWN, GA,  
AUGUSTA PUBLIC TRANSIT, COLUMBIA COUNTY, GA, FORT GORDON,  
CITY OF NORTH AUGUSTA, SC, CITY OF AIKEN, SC, AIKEN COUNTY, SC,  
BEST FRIENDS EXPRESS, TOWN OF BURNETTOWN, SC, TOWN OF NEW ELLENTON, SC, AND  
LOWER SAVANNAH COUNCIL OF GOVERNMENT**

**Final  
June 2, 2016**

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 2017 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;

**NOW THEREFORE BE IT RESOLVED**, that the ARTS Policy Committee hereby approve and adopt the final Fiscal Year 2017 Unified Planning Work Program.

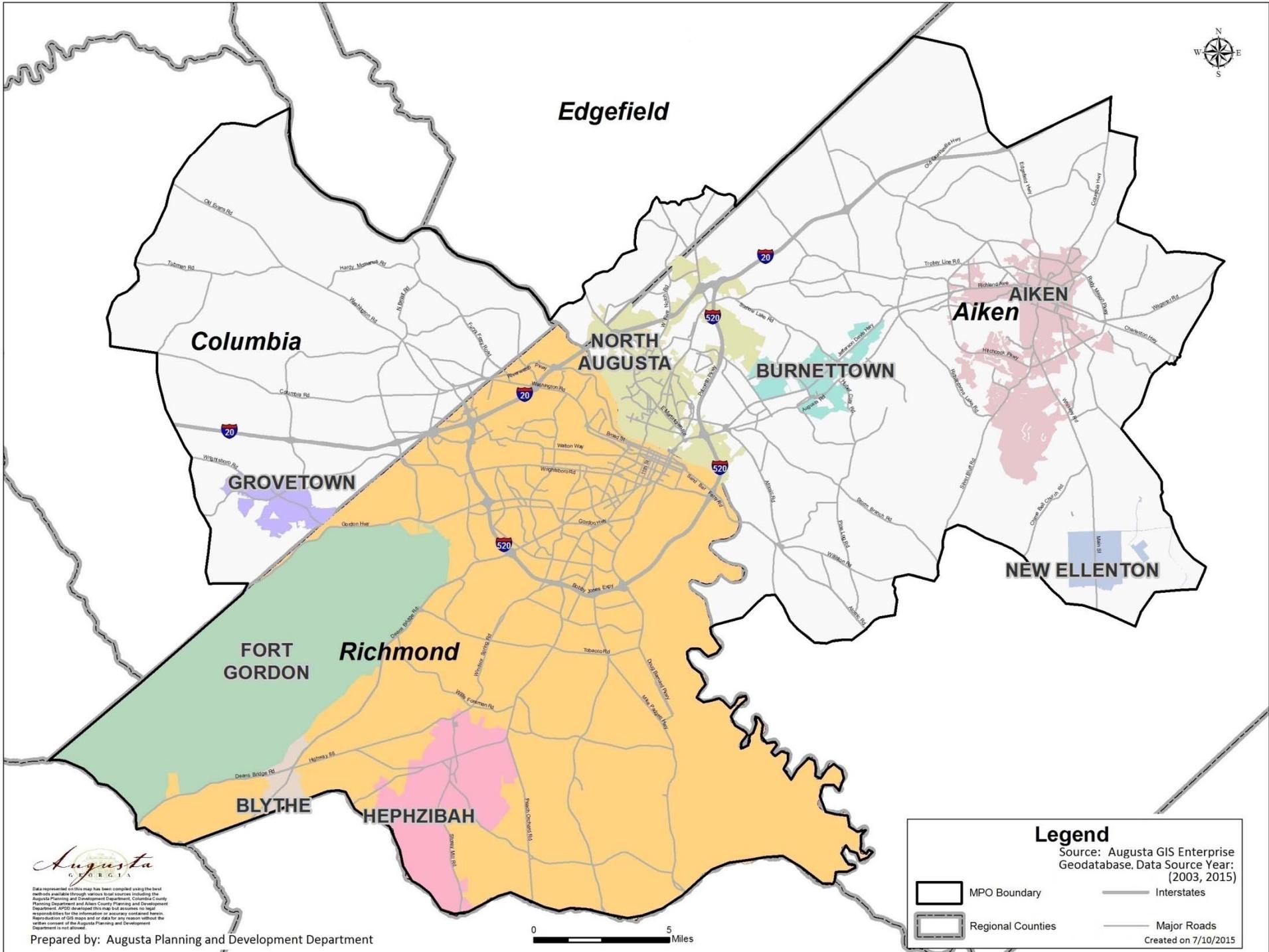
**Adopted by vote in an open meeting this 2<sup>nd</sup> day of June 2016.**



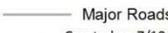
\_\_\_\_\_  
Ron Cross, Chairman  
Augusta Regional Transportation Study  
Policy Committee

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# ARTS MPO BOUNDARY



**Legend**  
 Source: Augusta GIS Enterprise  
 Geodatabase, Data Source Year:  
 (2003, 2015)

 MPO Boundary	 Interstates
 Regional Counties	 Major Roads

Created on 7/10/2015

*Augusta*  
 GEORGIA

Data represented on this map has been compiled using the best methods available through various local sources including the Regional Planning and Development Department, Columbia County Planning Department and Aiken County Planning and Development Department. APD developed this map but assumes no legal responsibility for the information or accuracy contained herein. Reproduction of GIS maps and/or data for any reason without the written consent of the Augusta Planning and Development Department is not allowed.

Prepared by: Augusta Planning and Development Department

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## List of Acronyms

ACPDD	Aiken County Planning & Development Department
ADA	American with Disabilities Act of 1990
ADTRC	Aging, Disability & Transportation Resource Center
APDD	Augusta Planning & Development Department
APT	Augusta Public Transit
ARTS	Augusta Regional Transportation Study
ATMS	Advanced Transportation Management System
BEF	Best Friend Express
CAC	Citizens Advisory Committee
CCPD	Columbia County Planning Department
CMP	Congestion Management Process
COA	Comprehensive Operation Analysis
COG	Council of Government
COOP	Continuity of Operations Plan
CTPP	Census Transportation Planning Package
EJ	Environmental Justice
FAST Act	Fixing America's Surface Transportation Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highways Administration
FTA	Federal Transit Administration
GA	Georgia
GDOT	Georgia Department of Transportation
GIS	Geographic Information Systems
ITS	Intelligent Transportation Systems
LEP	Limited English Proficiency
LRTP	Long Range Transportation Plan
LSCOG	Lower Savannah Council of Governments
MAP-21	Moving Ahead for Progress in the 21st Century Act
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MSA	Metropolitan Statistical Area
NTD	National Transit Database
NTI	National Transit Institute
PBPP	Performance-Based Planning and Programming
PC	Policy Committee
PPP	Public Participation Plan
RTMA	Regional Transit Management Association
SC	South Carolina
SCDOT	South Carolina Department of Transportation

SCDPS	South Carolina Department of Public Safety
TCC	Technical Coordinating Committee
TAP	Transportation Alternatives Program
TAZ	Traffic Analysis Zone
TCC	Technical Coordinating Committee
TDP	Transit Development Plan
TIP	Transportation Improvement Program
TNSC	Test Network Subcommittee
TSIR	Traffic Safety Improvement Report
UPWP	Unified Planning Work Plan

# INTRODUCTION

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

The Unified Planning Work Program (UPWP) is the annual 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 (July 1 – June 30). 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, Public Involvement, Transportation Data Collection and Analysis, Transportation System Planning, and Transportation Improvement Program. Special emphasis will be placed on completing an update and adoption of the regional long-range transportation plan; developing a framework to identify and coordinate stakeholders relative to coordinated human services transportation; developing a regional future land use geographic information system (GIS) mapping database; enhance public transit planning for fixed route bus and paratransit demand response; regional and other special studies, implementing local and regional air quality initiatives and strengthening the public involvement process.

## *2. 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. On July 6, 2012, the President signed Moving Ahead for Progress in the 21st Century (MAP-21), transportation legislation reauthorizing surface transportation programs through fiscal year 2014. The transportation planning process currently operates under the Fixing America’s Surface Transportation (FAST) Act.

FAST Act was signed into law on December 4, 2015 (Pub. L. No. 114-94). The FAST Act builds upon MAP-21 by making the federal surface transportation more streamlined, performance-based, multimodal and address challenges facing the transportation system, including improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery. Project deliveries are streamlined based on four general categories:

- Adding new flexibilities to increase efficiencies
- Refining existing authorities
- Adding new tools to help accelerate project delivery
- Building on FHWA’s existing activates to accelerate project delivery

The FAST Act requires that planning process consider projects/strategies to: improve the resilience and reliability of the transportation system, stormwater mitigation, and enhance travel and tourism.

In keeping with the original federal mandate, the ARTS metropolitan transportation 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, public transit, bicycles, and pedestrians.

The ARTS area includes the urbanized part of the Augusta Richmond County Georgia – Aiken County South Carolina Metropolitan Statistical Area (MSA), as defined by the U. S. Bureau of Census, plus the area expected to become urbanized over the next twenty years. The study area includes all of Richmond County, Georgia; part of Columbia County, Georgia; the Fort Gordon Military Reservation; and part of Aiken and Edgefield Counties in South Carolina. Incorporated places within the study area are comprised of cities in Georgia including: Augusta, Hephzibah, Blythe and Grovetown; and cities in South Carolina including: Aiken, North Augusta, Burnetown and New Ellenton. In 2013 the study area boundaries were modified in response to growth reflected by the 2010 Decennial Census.

### **3. Organization**

#### **a. ARTS Committees**

The ARTS planning process is guided by five committees: The Policy Committee (PC), the South Carolina Policy Subcommittee, the Technical Coordinating Committee (TCC), Test Network Subcommittee (TNSC), 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 director, the ARTS Project Director, the Executive Director of Lower Savannah Council of Government, the Fort Gordon Garrison Commander 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).

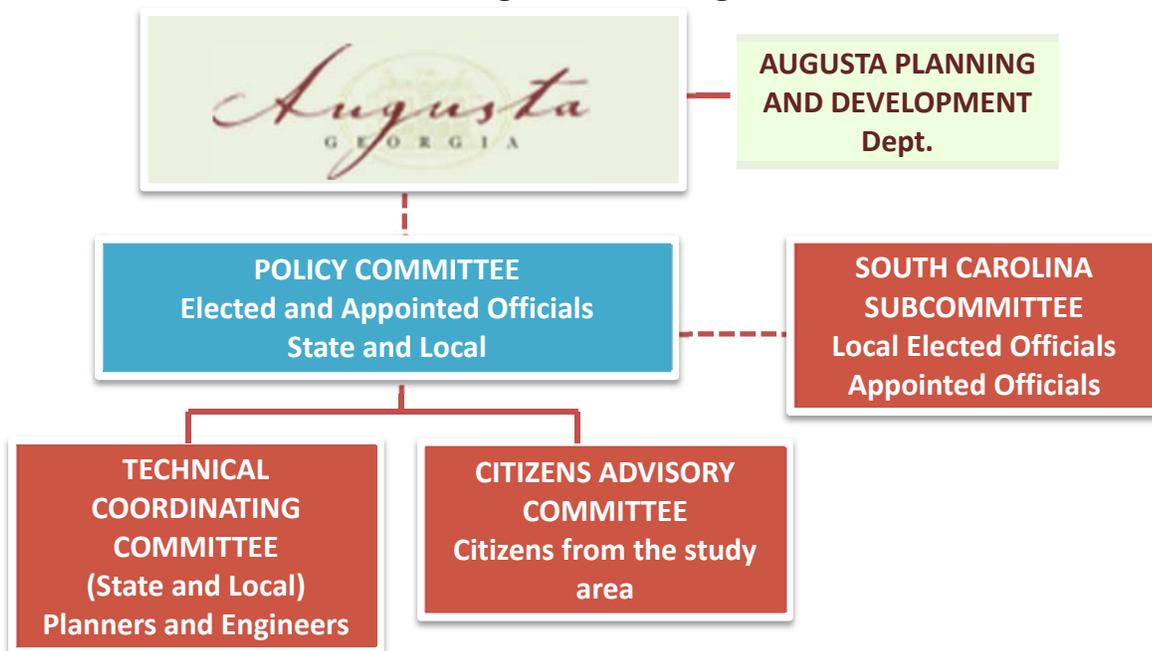
The Technical Coordinating Committee (TCC) meets 4-5 times each year, before the Citizens Advisory Committee, and is responsible for completing all technical work related to the ARTS planning process. The TCC maintains all of the required transportation related documentation, and serves in an advisory 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

Test Network Subcommittee (TNSC) is part of the TCC and meets every quarter or as needed. The subcommittee is established through the ARTS TCC By-Laws Article IV Section 4 “A sub-committee structure shall be used as appropriate to bring technical matters to the full committee”. It is made up of local county and city engineers, Augusta Public Transit, Lower Savannah Council of Government, GDOT, and SCDOT. They provide detail information on projects, their status and any changes, and provide their recommendations to the TCC.

The Citizens Advisory Committee (CAC) meets 4-5 times each year, after 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.

The South Carolina Policy Subcommittee was formed in 1995 and functions as an advisory committee to the PC. In fulfilling its advisory function, the SC Policy Subcommittee ensures that the South Carolina portion of Augusta Regional MPO is kept up-to-date on information pertaining to plans, programs and projects. This information is disseminated in a timely fashion to interested stakeholders. The committee is comprised of federal and state representatives (non-voting) and locally elected officials (voting). Meetings of the SC Policy Subcommittee are held quarterly or on an as needed basis.

**Figure 1: ARTS Organization**



**b. 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 Augusta Public Transit Department, Aiken County Planning and Development Department (ACPDD), and the Lower Savannah Council of Governments (LSCOG) Georgia Department of Transportation (GDOT), the South Carolina Department of Transportation (SCDOT), 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. Transportation Priorities*

To be effective and to achieve the federal and metropolitan transportation goals, the ARTS metropolitan planning process must address transportation issues in the study area identified as a priority by the public. This UPWP and others to follow must focus on implementing transportation strategies in the LRTP and seek opportunities to engage planners and regional decision-makers to embrace better transportation planning and to address regional transportation needs such as safety, multimodal travel and maintenance. Future regional growth in population and jobs will continue to impact urban sprawl, land use patterns such as “strip development” that is concentrated along major regional corridors force total dependence upon the automobile. This is eroding the efficiency of the region’s road network. The public also wants expanded and efficient regional public transit and non-motorized transportation modes as an alternative means of travel.

2040 Long Range Transportation Plan identified specific priorities for the regional transportation priorities. These priorities were identified through Travel Behavior Surveys conducted during the planning process and reflects the plan’s goals and FHWA Planning Emphasis Areas. As a result, the following priorities are important to improving the study area’s transportation system and relate to LRTP 2040 Goals and FHWA Planning Emphasis Areas:

**Congestion Management** – Monitoring traffic congestion and improving the efficiency of the existing transportation network is important to regional travel in the study area. In FY 2015, ARTS conducted its annual travel time survey on congested corridors, conducted travel time data analysis and published the annual Congestion Management Process (CMP) Report. This annual report summarizing the results of the travel time survey and the status of transportation projects to mitigate traffic congestion. There are fifty-two (52) corridors in the ARTS area thereby subject to travel time analysis. Although it varies which corridors are surveys based on the level of congestion and planned transportation improvements, on average 25 corridors are monitored each year and travel time data and analysis is conducted. During FY 2017, ARTS staff will revise the CMP work plan, methodology and data collection process to align with current best practices. ARTS staff will continue to work with regional planners, engineers and other transportation interest groups to move towards advance corridor planning on major corridors prior to projects moving from the LRTP to the TIP. Currently, this is a practice in Aiken County, and other MPOs in Georgia and South Carolina.

**Public Involvement** – ARTS primary focus is to educate the general public and increase public participation in the transportation planning process. During FY 2016, the MPO continued using outreach resources informing the public about transportation projects, programs and plans. ARTS works to be proactive in soliciting early, continuous and open public input in the planning process throughout the project development and implementation phase by creating partnerships with organizations not previously involved in transportation planning.

During FY 2016, ARTS continued its Speakers Bureau outreach program offering speakers to regional community groups, neighborhood associations, chambers of commerce, faith-based, environmental and social service non-profit organizations. ARTS’s staff solicited input through an open discussion, web site interface, online surveys, and social media e.g. Facebook and Twitter. ARTS’s staff created graphic flyers, yard signs, bill drop and posters to use as public notification and advertising of community meetings on the LRTP – Transportation Vision 2040.

ARTS also worked with Augusta Public Transit Department and Aiken County Transit – Lower Savannah Council of Government to put posters on buses to notify transit rides of community meetings. ARTS adopted the Long Range Transportation Plan –Transportation Vision 2040 on September 2, 2016 and continues to carry out an aggressive public participation plan.

The ARTS staff conducted 6 (six) Community Meetings for the 2040 LRTP and FY 2015-2018 TIP. During these meetings, ARTS staff presented the Draft LRTP Transportation Vision 2040 and FY 2015-2018 TIP. These meetings were in each of ARTS MPO counties one (1) Columbia County, GA, three (3) Richmond County, GA and two (2) in Aiken County, SC. A complete summary of the public participation process is included in the 2040 LRTP.

A list of innovative public outreach resources established through the LRTP planning process, and continue being used today, include:

- ARTS staff goes out to Speaker Bureaus, Civic Leagues, Neighborhood Organizations and other public venues.
- Wireless pooling and Survey Monkey for all manner of surveys including Travel Behavior and Public Transit
- Online web portal with all transportation related projects
- Social media sites including Facebook and Twitter
- Publish all documents, meetings, and notices through ARTS website
- GoToMeeting and conference calls made available at all committee meetings

ARTS's quarterly newsletter is an ongoing outreach tool throughout year. During FY 2016, ARTS staff redesigned the newsletter. The newsletter is distributed to stakeholders, partners, interested persons and non-profit organizations in the study area and uploaded to the website with links to our local MPO partners. On a monthly basis, ARTS staff also monitors online information requests to update the email contact database of persons wanting to receive public information on metropolitan transportation planning activities.

As part of Title VI Plan update, the ARTS planning staff collected data and information to develop an Environmental Justice (EJ) report and outreach strategies. A Limited English Proficiency (LEP) Plan as part of the Title VI Program to supplement the public participation plan to ensure effective outreach to populations and communities of minority persons, low-income, elderly, limited English proficiency and occupied households without motorized transportation. A GIS map depicting EJ communities was developed by ARTS staff to strategically identify and select sites to hold community meetings.

During FY 2017, these activities will continually be implemented and evaluated for effectiveness, refined and enhance as part of the public participation process. A total of six (6) meetings will be scheduled throughout the region. The plan is available on ARTS website for review and comment by the public. The ARTS website now feature an interactive GIS map of TIP and LRTP projects and programs where the public can review and submit comments. This is a very effective tool during public review and comment period for amendments to the LRTP and TIP. ARTS will seek to develop a marketing outreach strategy to inform the public of this tool.

**Public Transportation** – The MPO and local transit providers are challenged to increase the use of public transportation in an era with land use patterns that encourage strip development, mandates for new services, increasing elderly, retiree and veteran population groups, compounded with tight operating budgets. Providing transportation services for the disabled and the environmental justice population to meet demand of medical trips and workforce development will be a priority focus in FY 2017. During FY 2017, the ARTS transportation planning staff will provide assistance to Augusta Public Transit with route planning, public outreach and community meetings on service improvements developed in the Comprehensive Operation Analysis as well as assist LSCOG with its Transit Development Plan for Best Friend Express. During FY 2016, ARTS staff also provided FTA grant administration support to Augusta Public Transit Department and Lower Savannah Council of Governments relative to Section 5307/5340 Urbanized Area Formula funds and FTA Section 5339 Bus and Bus Facilities. The ARTS staff coordinated with APT and LSCOG to develop a Section 5339 split-allocation policy that will be adopted by ARTS Policy Committee. This will keep federal transit funds from lapsing and support regional transit improvements for bus shelters, transit bus maintenance facility and future plans for a new transfer facility and intermodal facility.

The ARTS staff also updated the Title VI plan for Augusta Georgia to encompass requirements of the U.S. Department of Transportation Title VI regulations (49 CFR part 21) and guidelines as a recipient of FTA Section 5307/5340, 5303 Metropolitan Planning Program and FHWA federal-aid funds in accordance with Circular FTA C 4702.1 B issued October 1, 2012.

Additionally, during this period, the ARTS staff provided technical support to the Transit Citizen Advisory (TCA) Committee during their monthly meetings reporting on various agenda items and information on the metropolitan transportation planning process. As part of the LRTP update – Transportation Vision 2040, ARTS staff conducted a speaker bureau presentation to a transit advocacy group to inform them of recommendation in the 2040 LRTP that will seek to improve transit service in the region for all transportation users.

During FY 2017, the ARTS staff will continue ongoing FTA grant administration and support, provide technical support to the TCA, implement transit service improvements identified in the Five Year Transit Development Plan; monitor transit ridership and service operation changes to develop a performance matrix to evaluate fixed-route operations provided by Augusta Public Transit (APT). ARTS will also work with APT to address rural transit issues through Coordinated Human Services Transportation Framework, transit marketing and branding plan to potentially increase ridership. Additionally, ARTS will develop a framework to update the Five Year Transit Development Plan that was done in December 2009.

**Coordinating Land Use and Transportation** – Coordinating land use and transportation improvements is important given expected regional development patterns. During FY 2015 as part of the Long Range Transportation Plan update – Transportation Vision 2040, ARTS staff created an existing regional land use map and spatial analysis utilizing geographic information system (GIS) data from the various member governments and planning departments in the region. In FY 2016, ARTS developed a GIS spatial analysis and map of certificate of occupancy for residential and commercial development to track land development. ARTS will continue these tasks and work with Aiken County, Edgefield County and Columbia County to conduct this type of analysis.

In FY 2017, the MPO will work closely with local planning and development organizations to monitor updates of land use plans; utilize area zoning maps to update the existing regional land use map; develop a future regional land use GIS map and spatial analysis; develop and promote best land use practices that support sustainable development; reduce transportation impacts and enhance land use and transportation integration near employment/retail/commercial activity nodes along regional transportation corridors. ARTS will identify feasible development alternatives to strip development that enhance opportunity for redevelopment along regional corridors and other highway improvements included in the TIP.

**Intermodal Connections and Safety** – Monitor railroad and motor vehicle conflicts as well as bicycle and pedestrian safety issues in close proximity to at-grade railroad crossings 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. Cooperation among the railroads, transportation agencies and local governments is essential to resolving what is a long-term problem and to improve traffic safety.

### *5. Other Planning Studies Underway or Recently Completed*

Transportation and related air-quality issues are of concern to many agencies and organizations in the study area. As a result, a number of planning studies and related implementation measures are being done outside of the UPWP. Below, is a list of the metropolitan transportation planning studies either recently completed, underway or anticipated within the next year or two.

<b>RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA</b>		
<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
ARTS 2040 Long Range Transportation Plan	The LRTP is the long-range, financially constrained transportation plan for the ARTS region that covers a 20-year horizon.	Adopted Sept 2015, FY 2016
Update ARTS Title VI Plan	The Title VI Plan was updated in accordance with FTA Circular 4702.1B, including the Title VI Annual Review and Audit Report.	Adopted March 25, 2015
Update ARTS Participation Plan	Participation Plan reformatted and updated with public engagement resources that were successfully implemented during LRTP 2040 planning process.	Ongoing
Update ARTS Congestion Management Plan	Data collection and evaluation, determining appropriate methodology and drafting updated Congestion Management Plan.	Ongoing
Transit Development Plan	Lower Savannah Council of Government is conducting a Transit Development Plan started April 2016 to June 2017.	Ongoing
Comprehensive Operation Analysis	Augusta Public Transit is conducting a Comprehensive Operation Analysis from January 2016 to December 2017	Ongoing

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

<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
Whiskey Road Corridor Study (SC-19 South)	Aiken County is conducting a Corridor Study along 12-mile Whiskey Road from S. Boundary in City of Aiken to US-278 Williston Road from Jan 2016 to June 2017	Ongoing

## 6. ARTS Transportation Plan Goals and Objectives

The ARTS 2040 Long Range Transportation Plan includes the following goals and objectives to address regional transportation issues/priorities. The table below demonstrates how the 2040 Long Range Transportation Plan aligns with Planning Factors and FY 2017 UPWP Work Element.

LRTP 2040 Goal 2.2.1.1 - Congestion	MPO Planning factor	FY 2017 UPWP Work Element
Develop a multimodal transportation system that promotes strategies to reduce traffic congestion and delay.	Improving transportation system resiliency and reliability.	4.1 Long Range Plan 4.2 Congestion Management (44.22.00)
Objectives:		5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> <li>Promote street networks that reduce travel delays and congestion.</li> </ul>	Enhancing travel and tourism.	
<ul style="list-style-type: none"> <li>Continue to implement and promote strategies and polices such as system preservation, access management, managed lanes, travel demand management, mass transit, complete streets, and alternative transportation to reduce congestion conditions</li> </ul>	Promote efficient system management and operation.	
<ul style="list-style-type: none"> <li>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.</li> </ul>	Emphasize the preservation of the existing transportation system.	

L RTP 2040 Goal 2.2.1.2 - Mobility, Accessibility and Connectivity	MPO Planning factor	FY 2017 UPWP Work Element
Develop a multimodal transportation system that promotes strategies that improve mobility and accessibility for motorized and non-motorized users of the transportation network including freight and goods movement.	Improving transportation system resiliency and reliability.  Enhancing travel and tourism.	3.4 Environmental Justice/Title VI (44.27.00) 4.1 Long Range Plan 4.3 Public Transit/Paratransit 4.4 Intermodal Planning (44.23.01) 4.5 Special Transportation Studies
Objectives:		5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> <li>• Provide a plan which addresses the needs of the local freight industry and the intermodal movement of goods via rail and truck.</li> </ul>	Increase the accessibility and mobility of people and for freight.	
<ul style="list-style-type: none"> <li>• Promote revitalization of the urban core through improved accessibility and connectivity.</li> </ul>	Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.	
<ul style="list-style-type: none"> <li>• Provide a plan that positions public transportation as a viable alternative to single occupant vehicles, through routing and scheduling changes and other system improvements.</li> </ul>	Promote efficient system management and operation.	
<ul style="list-style-type: none"> <li>• Provide a plan that addresses the mobility considerations of non-motorized modes such as bicycles and pedestrians.</li> </ul>	Emphasize the preservation of the existing transportation system.	

LRTP 2040 Goal 2.2.1.3 - Safety and Security	MPO Planning factor	FY 2017 UPWP Work Element
Develop a multimodal transportation system that increases the security of the transportation system and promotes strategies to reduce traffic crashes and injury outcomes.	Increase the safety of the transportation system for motorized and non-motorized users.	4.1 Long Range Plan (44.23.01) 4.5 Special Transportation Studies 5.1 Transportation Improvement Program (44.25.00)
Objectives:	Increase the security of the transportation system for motorized and non-motorized users.	
<ul style="list-style-type: none"> <li>• Improve safety for all users of the transportation network including motorized vehicles, bicyclists, pedestrians and those with disabilities.</li> </ul>		
<ul style="list-style-type: none"> <li>• Improve transportation network security benefitting all users.</li> </ul>		
<ul style="list-style-type: none"> <li>• Develop a plan that coordinates safety improvements with planning initiatives.</li> </ul>		

LRTP 2040 Goal 2.2.1.4 - Maintenance, System Preservation and Operational Efficiency	MPO Planning factor	FY 2017 UPWP Work Element
Develop a transportation system that will allow mobility throughout the region by improving the physical condition and maintenance of the transportation network, and provide efficient and safe movement of persons and goods/freight.	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.	1.1 Program Coordination 1.3 Unified Planning Work Program 4.1 Long Range Plan 4.3 Public Transit/Paratransit 5.1 Transportation Improvement Program (44.25.00)
Objectives:	Promote efficient system management and operation.	
<ul style="list-style-type: none"> <li>• Provide a plan that realizes the importance of maintaining and preserving the existing highway system and facilities.</li> </ul>		
<ul style="list-style-type: none"> <li>• Provide a plan that strengthens the maintenance and preservation of existing bridges and facilities.</li> </ul>		
<ul style="list-style-type: none"> <li>• Provide public transit service improvements as a viable option to meet daily travel needs.</li> </ul>	Emphasize the preservation of the existing transportation system.	

L RTP 2040 Goal 2.2.1.5 - Economic Vitality and Environmental Stewardship	MPO Planning factor	FY 2017 UPWP Work Element
Develop a transportation system that will enhance the economic, social, and environmental fabric of the region through coordinated transportation and planned land use.	Enhancing travel and tourism.	3.2 Land Use Monitoring 3.4 Environmental Justice/Title VI (44.27.00)
Objectives:	Reducing (or mitigating) the stormwater impacts of surface transportation.	4.2 Congestion Management (44.22.00)
<ul style="list-style-type: none"> <li>• Provide a plan that increases job accessibility through improved transportation systems.</li> </ul>	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	4.1 Long Range Plan (44.23.01)
<ul style="list-style-type: none"> <li>• Provide a plan that strives to minimize disruption or displacement of residential or commercial areas from restructured or new transportation facilities.</li> </ul>		4.5 Special Transportation Studies
<ul style="list-style-type: none"> <li>• 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.</li> </ul>		5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> <li>• Provide a plan to enhance the appearance of transportation facilities whenever possible.</li> </ul>		
<ul style="list-style-type: none"> <li>• Provide a plan that reduces mobile emissions and meets air quality standards.</li> </ul>		
<ul style="list-style-type: none"> <li>• Provide a plan that promotes strategies to reduce mobile source emissions in an effort to improve air quality.</li> </ul>		

L RTP 2040 Goal 2.2.1.6 - Land Use and Transportation Integration	MPO Planning factor	FY 2017 UPWP Work Element
Promote efficient land use and development patterns to improve safety and economic vitality to meet existing and future multimodal transportation needs.	Improving transportation system resiliency and reliability.	3.1 Socioeconomic Data/Environmental Justice (EJ)
Objectives:		3.2 Land Use Monitoring
<ul style="list-style-type: none"> <li>Promote orderly development of the region by providing transportation services to those areas where growth is planned.</li> </ul>	Reducing (or mitigating) the stormwater impacts of surface transportation.	3.3 Transportation Survey, Model and Analysis
<ul style="list-style-type: none"> <li>Discourage development in conservation or preservation areas by limiting access to those areas.</li> </ul>	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.	3.5 GIS Development and Application
<ul style="list-style-type: none"> <li>Promote redevelopment of the urban fringe through improved accessibility</li> </ul>		4.1 Long Range Plan (44.23.01)
<ul style="list-style-type: none"> <li>Promote the concentration of future employment and other activity centers along existing and planned major travel corridors.</li> </ul>	Promote efficient system management and operation.	4.5 Special Transportation Studies
<ul style="list-style-type: none"> <li>Protect adequate right-of-ways in newly developing and redeveloping areas for pedestrian, bicycle, transit, and roadway facilities.</li> </ul>	Emphasize the preservation of the existing transportation system.	5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> <li>Promote new developments that provide efficient, balanced movement of pedestrian, bicyclists, busses and motor vehicles within, to and through the area.</li> </ul>		
<ul style="list-style-type: none"> <li>Preserve and enhance the natural and built environments through context sensitive solutions that exercise flexibility and creativity to shape effective transportation solutions.</li> </ul>		

LRTP 2040 Goal 2.2.1.7 - Financial Feasibility	MPO Planning factor	FY 2017 UPWP Work Element
Develop a transportation system that is financially and politically feasible and has broad support by increasing the safety and security of the transportation system for all users.	Improving transportation system resiliency and reliability.	4.1 Long Range Plan (44.23.01) 5.1 Transportation Improvement Program (44.25.00)
Objectives:	Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency.	
<ul style="list-style-type: none"> <li>Provide a financially balanced plan based on realistic funding availability and opportunities.</li> </ul>		
<ul style="list-style-type: none"> <li>Provide a plan that works to preserve existing facilities and operate them more efficiently.</li> </ul>	Promote efficient system management and operation.	
<ul style="list-style-type: none"> <li>Prepare a plan where total benefits exceed costs.</li> </ul>	Emphasize the preservation of the existing transportation system.	
<ul style="list-style-type: none"> <li>Provide a plan that includes public participation from all groups, with special emphasis in reaching environmental justice populations.</li> </ul>		

## 7. MPO Planning Factors

The ARTS transportation planning process is continuous, cooperative, and comprehensive, and provides for consideration and implementation of projects, programs, strategies and services that will address the eight planning factors included in MAP-21. ARTS 2040 LRTP goals and objectives are, for the most part, in-line with these planning factors. The FAST Act adds three (3) Planning Factors to FY 2017 UPWP. The eleven (11) planning factors are listed below.

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;
8. Emphasize the preservation of the existing transportation system;
9. Improving transportation system resiliency and reliability;
10. Reducing (or mitigating) the stormwater impacts of surface transportation; and
11. Enhancing travel and tourism.

## 8. MPO Planning Emphasis Areas

The U.S. Department Transportation, under the Federal Highway Administration and the Federal Transit Administration issued “*Strategic Objectives of the Surface Transportation Program*” that includes planning emphasis areas as: 1) Transition to Performance-based Planning and Programming; 2) Regional Models of Cooperation; and 3) Ladders of Opportunity. MPOs are required to include these emphasis areas in the FY 2017 UPWP. The ARTS transportation planning process will include the following planning emphasis areas addressed in the UPWP work elements as listed below:

**Transition to Performance-based Planning and Programming.** Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed towards the achievement of transportation system performance outcomes. ARTS will address this planning emphasis area through the implementation of the following UPWP Work Elements:

### UPWP Work Elements:

- *4.1 (44.23.01) Long Range Plan* – ARTS staff will develop performance measures in consultation with Aiken County Planning and Development Department, Lower Savannah Council of Governments, Augusta Public Transit Department, GDOT, SCDOT, FHWA and FTA. The performance measures will also be reviewed and adopted by the ARTS MPO committees, Citizen Advisory Committee, Technical Coordinating Committee and the MPO Policy Committee.
- *4.2 (44.22.00) Congestion Management* – collect and compile data that will be utilized to develop and monitor performance measures evaluation process applied to congested corridors and mitigation strategies.
- *4.3 Transit / Paratransit* - collect and compile data that will be utilized to develop and monitor performance measures evaluation process.
- *4.4 (44.23.01) Intermodal Planning* - collect and compile data that will be utilized to develop and monitor performance measures evaluation process.
- *5.1 (44.25.00) Transportation Improvement Program* – ARTS staff will apply the performance measures to each transportation project and program included in the TIP during annual updates as necessary.

**Regional Models of Cooperation** – Ensure a Regional Approach to Transportation Planning by Promoting Cooperation and Coordination across Transit Agency, MPO and State Boundaries. To improve the effectiveness of transportation decision making process. A coordinated approach supports common goals and capitalizes on opportunities related to project delivery, congestion management, safety, freight, livability and commerce across boundaries. ARTS will address this planning emphasis area through the implementation of the following UPWP Work Elements:

### UPWP Work Elements:

- *4.2 (44.22.00) Congestion Management* – ARTS staff will coordinate and collaborate with Aiken County Planning and Development Department, Aiken County Engineering Department, City Engineering Department of City of N. Augusta and City of Aiken; Columbia County Engineering Department and Richmond County Engineering Department to facilitate data collecting and travel time runs to assess congestion on regional corridors.

- *4.3 Transit / Paratransit* – ARTS staff will develop the Regional Coordinated Human Services Transportation Framework for transit dependent persons, social service agencies, health and human services agencies, rural transit providers and other transit related entities. ARTS will coordinate and collaborate with the CSRA, APT, LSCOG, Columbia County Transit, Department of Human Health for State of Georgia and South Carolina.

**Ladders of Opportunity** – Access to Essential Services. ARTS along with APT and LSCOG will identify transportation connectivity gaps in accessing essential services such as employment, healthcare, schools/education and recreation. ARTS will address this planning emphasis area through the implementation of the following UPWP Work Elements:

UPWP Work Elements:

- *Community Outreach/Education 2.1 – (44.21.00)* – ARTS staff will update the Public Participation Plan (PIP) to include community outreach tools that enhances and increases opportunities to provide information and to receive comments from persons within the underserved neighborhoods, environmental justice communities and persons with limited English proficiency.
- *Data Collection – Work Element 3.1. Socioeconomic Data/Environmental Justice* – ARTS staff will update, implement and monitor the Environmental Justice Plan through GIS data analysis and conduct the benefits/burden analysis relative to transportation improvement projects and capital public transit projects implemented within the MPO area.
- *4.3 Transit / Paratransit* – ARTS staff will coordinate and collaborate with APT, LSCOG and Augusta-Richmond County GIS Department, Aiken County Planning and Development Department to collect, compile demographic data, and conduct data analysis to identify gaps and opportunities to improve public transportation service connections to employment centers, job training and educational centers, healthcare and social services as well as recreation facilities.
  - *Comprehensive Operation Analysis – Work Element 4.2.2 Management and Operation* – August Public Transit will thoroughly study the current fixed route and paratransit system with focus on service delivery. Report will address any changes to fixed routes, service delivery methods, general service parameters, any other technological investments.
  - *Transit Development Plan – Work Element 4.13 Special Transportation Studies* – Lower Savannah Council of Government will contract out to private consultant a detail investigation of the fixed route and paratransit system in Aiken County. Report will provide recommendations for necessary improvements.
- *4.4 (44.23.01) Intermodal Planning* – ARTS staff will coordinate and collaborate with Aiken County Planning and Development Department, Aiken County Engineering Department, City Engineering Department of City of N. Augusta and City of Aiken; Columbia County Engineering Department and Richmond County Engineering Department to identify gaps and opportunities to improve bicycle and pedestrian services including sidewalks and regional connections.

## **WORK ELEMENT 1 – PROGRAM ADMINISTRATION AND IMPLEMENTATION**

1.1 Program Coordination

1.2 Training and Employee Education

1.3 Unified Planning Work Program (44.21.00)

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# I. WORK ELEMENT 1 – PROGRAM ADMINISTRATION

## *1.1 Program Coordination*

**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.

### **Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Increase the accessibility and mobility of people and for freight;
3. 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;
4. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
5. Promote efficient system management and operation; and
6. Emphasize the preservation of the existing transportation system.

### **Previous Work:**

Coordinated work among study participants, governments, and citizens; including Agenda Items for ARTS South Carolina Policy Subcommittee. Monitored work program schedule – Updated staff work program for Augusta Planning and Development to reflect UPWP tasks. Organized ARTS Committee agenda, meetings and preparing minutes of those meetings – Test Network Subcommittee, Technical Coordinating Committee, Citizens Advisory Committee and Policy Committee meetings held during this quarter. Meeting minutes from previous meetings are approved during each meeting. TCC, CAC, and PC By-Laws and membership lists were updated.

**Works Tasks:** 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 all ARTS committees;
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. LSCOG will be responsible for input and activities under this plan regarding public transit in the urbanized area of Aiken County and the Best Friend Express transit system, which it administers.

**Work Schedule:** Complete program coordination activities as detailed above during the program year. Also, ACPDD developed a Continuity of Operations (COOP) Plan for ARTS which will be used to ensure the continuity of essential office functions should an event such as a terrorist attack, fire, emergency or natural disaster occurs.

**Work Schedule:** July 2016 – June 2017

**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)	\$36,000.00			\$36,000.00
APDD (GA PL Match)	\$9,000.00			\$9,000.00
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)			\$3,000.00	\$3,000.00
LSCOG (SEC 5303 Match)			\$750.00	\$750.00
FTA (SEC 5307)			\$0.00	\$0.00
LSCOG (SEC 5307 MATCH)			\$0.00	\$0.00
<b>TOTAL</b>	<b>\$52,500.00</b>	<b>\$54,500.00</b>	<b>\$3,750.00</b>	<b>\$110,750.00</b>

## 1.2 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.

### **Planning Factor:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency; and
2. 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.

**Previous Work:** During the past year staff participated in conferences and work sessions sponsored by Georgia Planning Association, the Georgia Association of MPOs (GAMPO), as well as the quarterly Augusta - GDOT breakfast meetings and the periodic GDOT construction work program meetings. Staff also attended workshops and stakeholder meetings sponsored by FHWA, GDOT and the annual GAMPO conference. LSCOG staff attended Title VI and Disadvantaged Business Enterprise (DBE) workshops, as well as attendance at the annual Transportation Association of South Carolina (TASC) conference.

Additional training, meeting, conference and workshops include:

1. Georgia Bike Summit
2. South Carolina Air Quality Alliance Coalition Summit
3. South Carolina annual MPO/COG conference
4. FHWA Fundamental of Freight Planning Workshop
5. Presented on Public Involvement Process for the 2014 LRTP at the South Carolina DOT MPO/COG conference

**Works Tasks:** 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.

**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 work session, FHWA workshops and National Transit Institute (NTI) training courses, the annual South Carolina MPO/COG conference, the annual American Planning Association Conference – SC Chapter, the Annual Training Conference sponsored by TASC and mandatory continued education for planning staff as required by the South Carolina State Legislature.

**Work Schedule:** July 2016 - June 2017

**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)	\$8,000.00			\$8,000.00
APDD (GA PL Match)	\$2,000.00			\$2,000.00
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>TOTAL</b>	<b>\$10,000.00</b>	<b>\$6,000.00</b>	<b>\$5,000.00</b>	<b>\$21,000.00</b>

### **1.3 Unified Planning Work Program (44.21.00)**

**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 that will perform 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.

#### **Planning Factors:**

1. 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;
2. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
3. Promote efficient system management and operation; and
4. Improving transportation system resiliency and reliability.

**Previous Work:** FY 2016 UPWP was approved June 2015 and amended December 2015 and March 2016. Amendments include

- Augusta Public Transit Comprehensive Operation Analysis;
- Lower Savannah Council of Government Transit Development Plan; and
- Aiken County Whiskey Road (SC-19 South) Corridor Study.

Tracked and documented UPWP budget cost to produce quarterly expense reimbursement report and performance report.

**Works Tasks:** 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.

On the other hand, for the South Carolina side of ARTS, SCDOT has switched to a two-year UPWP and mandated that this will be the path forward for future UPWPs for all the MPOs and COGs in SC. This became effective with during FY 2016 UPWP and the FY 2017 UPWP across SC. Therefore, the UPWPs in SC now include tasks for two years and the MPOs and COGs will adopt a new UPWP every other year.

Per SCDOT, in odd numbered years, the development of a new UPWP is performed. In other words, in calendar year 2015, SCDOT mandated that the two-year UPWP as mentioned above (for both FY 2016 and FY 2017) be developed. Then, in even numbered years, SCDOT will merely confirm the grant funds. In other words, in calendar year 2016, the grant funds for the FY 2017 UPWP will be confirmed by SCDOT.

The South Carolina portion of ARTS MPO is currently in the last of the two-year FY 2016-2017 UPWP.

The MPO will consult with staff of other responsible agencies 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 2017 ARTS Unified Planning Work Program

**Work Schedule:**

Georgia (Annual): FY 2017 ARTS Unified Planning Work Program

ACTIVITY	EXPECTED COMPLETION DATE
1. Establish draft list of work elements and budget for next program year	October 2016
2. Complete activity descriptions & work schedules for work elements. E-mail draft UPWP summary to CAC / TCC / PC	November 2, 2016
3. CAC/TCC endorses Draft UPWP	November 11, 2016
4. Policy Committee endorses Draft UPWP	December 3, 2016
5. E-mail Draft UPWP to state and federal agencies	January 8, 2017
6. Incorporate comments from reviewing agencies & other stakeholders	January 25, 2017
7. E-mail final UPWP summary to CAC/TCC	February 3, 2017
8. CAC/TCC endorses Final UPWP	February 10, 2017
9. E-mail final UPWP summary to Policy Committee	February 22, 2017
10. Policy Committee approves final UPWP	March 3, 2017
11. Complete full text of final UPWP	March 18, 2017
12. Mail final UPWP to state and federal agencies	March 31, 2017

South Carolina (Two-Year): FY 2016 and FY 2017 ARTS Unified Planning Work Programs

ACTIVITY	EXPECTED COMPLETION DATE (Odd numbered years)
SCDOT starts developing consolidated planning grant amounts and sends out PL letters. These letters will confirm carryover balances, too.	February
DRAFT UPWPs due to SCDOT, FHWA, and FTA.	March
SCDOT, FHWA, and FTA provide comments on DRAFT UPWPs.	April
MPO addresses comments, incorporate changes, and adopts final UPWP and submits final documents back to SCDOT, FHWA, and FTA.	May
SCDOT, FHWA, and FTA review final documents for comment inclusion and execute approval. Once approved, SCDOT requests authorization from FHWA for work program funding prior to July 1.	June
ACTIVITY	EXPECTED COMPLETION DATE (Even numbered years)
SCDOT will send out UPWP letter confirming consolidated planning grant amount for the second year funding. Note: The MPO would reflect this amount within their UPWP via amendment or revision.	February

***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)	\$2,960.00			\$2,960.00
APDD (GA PL Match)	\$740.00			\$740.00
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>TOTAL</b>	<b>\$14,700.00</b>	<b>\$2,500.00</b>	<b>\$3,750.00</b>	<b>\$20,950.00</b>

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**WORK ELEMENT 2 - PUBLIC INVOLVEMENT**

2.1 Community Outreach/Education(44.21.00)

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## II. WORK ELEMENT 2 - PUBLIC INVOLVEMENT

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

**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, adopted by the Policy Committee on June 4, 2007 and amended on September 6, 2012, 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, Speaker Bureaus, making presentations to neighborhood and civic organizations, publishing information on the ARTS website, Facebook and Twitter; and advertising ARTS committee meetings in over five local newspapers. Display boards, utilize electronic polling devices during public meetings and speaking engagements to gauge public opinion and evaluate transportation planning process. The ARTS website will be updated continually to maintain a more user-friendly format. 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.

#### **Planning Factors:**

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; and
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.

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

1. Distributed ARTS meeting agendas to stakeholders and all area media outlets
2. Responded to requests for information/interviews from media outlets (print, TV and radio)
3. Provided regular feedback to Citizens Advisory Committee on issues and concerns
4. Held eleven (11) community meetings though out the study area on the Transportation Vision 2040 –LRTP including several areas focused on EJ populations.
5. Conducted a Speakers Bureau as part of the public involvement process for the Transportation Vision 2040 –LRTP.
6. Appeared local TV station Sunday Morning Talk Show to advertise community meetings on the Transportation Vision 2040 –LRTP.
7. Conducted local news interviews with TV News reporters to advertise community meetings on the Transportation Vision 2040 –LRTP.

8. Provided opportunity for public to review and comment on amendments to the TIP and LRTP in accordance with the procedures in the PIP
9. Published and distributed the ARTS newsletter
10. Distributed ARTS information at other public meetings
11. Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
12. Provide technical support to the Transit Citizen Advisory committee of the Augusta Public Transit Department.
13. Evaluated effectiveness of public involvement techniques
14. Responded to requests for information from the general public and other stakeholders

**Works Tasks:** The ARTS MPO staff, the Lower Savannah Council of Governments, and the Aiken County Planning & Development Department will offer opportunity 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 to obtain meaningful input from the public and other stakeholders. The ARTS developed a GIS map depicting Environmental Justice communities throughout the study area and the impact of transportation projects on these communities will be monitored continuously. As the TIP and LRTP are updated and/or amended, ARTS will conduct a burden and benefits analysis to ensure that compliance with EJ regulations.

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 (CAC) on issues of concern. The ARTS website, CSRA Air Quality Alliance website, Facebook and Twitter are also used to disseminate public information about ARTS and transportation plans and programs. An online interactive Transportation Projects map was established as an outreach tool. This included an electronic comment form for public to provide their feedback on specific projects. Public notices for community and committee meetings, agendas, reports, major studies, quarterly newsletter, etc.). The public participation plan will be updated and public review meeting will be held as necessary.

ARTS staff updated the Public Participation Plan (PPP) to include community outreach tools that enhances and increases opportunities to provide information and to receive comments from persons within the underserved neighborhoods, environmental justice communities and persons with limited English proficiency.

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

- Outreach activities related to amendments of the ARTS Long Range Transportation Plan – Transportation Vision 2040
- Public meetings for amendments and the annual update of the Transportation Improvement Program

- Public meeting to review the revised ARTS Public Participation Plan.
- Meetings of the CSRA Air Quality Alliance.
- Public meetings related to other ARTS Special Studies conducted during 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)	\$40,000.00			\$40,000.00
APDD (GA PL Match)	\$10,000.00			\$10,000.00
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
<b>TOTAL</b>	<b>\$60,500.00</b>	<b>\$5,500.00</b>	<b>\$2,000.00</b>	<b>\$68,000.00</b>

**WORK ELEMENT 3 – TRANSPORTATION DATA DEVELOPMENT AND MAINTENANCE**

3.1 Socioeconomic Data/Environmental Justice (EJ)

3.2 Land Use Monitoring

3.3 Transportation Surveys, Model and Analysis

3.4 Environmental Justice/Title VI (44.27.00)

3.5 GIS Development and Applications

# III. WORK ELEMENT 3 – TRANSPORTATION DATA COLLECTION AND ANALYSIS

## 3.1 Socioeconomic Data/Environmental Justice (EJ)

**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 Environmental Justice (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, Georgia, 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.

**Planning Factors:**

1. Promote efficient system management and operation; and
2. Emphasize the preservation of the existing transportation system.

**Previous Work:** Compiled annual socioeconomic data estimates, at the Census Tract and TAZ-level. Developed a database of available data resources for transportation planning.

**Works Tasks:** 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 part of completing this work element.

1. Collect calendar year 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.

ARTS staff will update, implement and monitor the Environmental Justice Plan through GIS data analysis and conduct the benefits/burden analysis relative to transportation improvement projects and capital public transit projects implemented within the MPO area.

**Product:** Annual year 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 submitted to GDOT in Excel Spreadsheet format.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
Collect building permit data for calendar year 2015 and allocate to TAZs	Collect and allocate monthly. Annual update completed by January 30, 2017
Collect school enrollment figures and allocate to TAZs	March 25, 2017
Collect latest employment estimates and allocate to TAZs based on known/observed trends	April 4, 2017
Estimate annual change in Household Income Level at the TAZ level	April 4, 2017
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)	\$6,960.00			\$6,960.00
APDD (GA PL Match)	\$1,740.00			\$1,740.00
FHWA (SC PL)	\$1,200.00	\$5,200.00		\$6,400.00
ACPDD (SC PL Match)	\$300.00	\$1,300.00		\$1,600.00
<b>TOTAL</b>	<b>\$10,200.00</b>	<b>\$6,500.00</b>	<b>\$0.00</b>	<b>\$16,700.00</b>

### 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 the 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.

**Planning Factors:**

1. Increase the safety of the transportation system for motorized and non-motorized users;
2. Increase the security of the transportation system for motorized and non-motorized users;
3. 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;
4. Promote efficient system management and operation;
5. Emphasize the preservation of the existing transportation system; and
6. Reducing (or mitigating) the stormwater impacts of surface transportation.

**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. Compiled existing land use data and created a regional GIS existing land use map based on current year zoning classifications and completed a spatial data analysis identifying percentage of each land use. Also compiled and created a spatial data analysis for certificates of occupancy for residential and commercial development.

**Works Tasks:** 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. Compiled and track Certificate of Occupancy data and update GIS data for Richmond County, Columbia County and Aiken County.

**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. GIS maps are created and housed in the Augusta Data Enterprise.

**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)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)		\$3,200.00	\$3,200.00
ACPDD (SC PL Match)		\$800.00	\$800.00
<b>TOTAL</b>	<b>\$10,000.00</b>	<b>\$4,000.00</b>	<b>\$14,000.00</b>

### *3.3 Transportation Surveys, Model and Analysis*

**Purpose:** To promote and encourage traffic safety throughout the ARTS area. To compile and distribute historical and current crash 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 traffic crash data from GDOT and South Carolina Department of Public Services (SCDPS) and compiling such data into an annual report. Based on the latest available data, highway links or intersections where twenty (20) or more crashes have occurred within a 12-month period will be identified. Data will be collected identifying locations of truck, pedestrian and bicycle crashes. Fatal crash locations, type of vehicles involved and frequency of fatal crashes will also be analyzed using data from the Fatality Analysis Reporting System (FARS). Aiken County will be responsible for collecting and compiling crash data for the South Carolina portion of the ARTS area for inclusion in the report.

**Planning Factors:**

1. Increase the safety of the transportation system for motorized and non-motorized users;
2. Increase the security of the transportation system for motorized and non-motorized users;
3. 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;
4. Promote efficient system management and operation;
5. Emphasize the preservation of the existing transportation system; and
6. Reducing (or mitigating) the stormwater impacts of surface transportation.

**Previous Work:**

- Sorted and compiled the most current crash data for Aiken, Columbia, Edgefield and Richmond Counties.
- Created frequency diagrams and prepared maps for the TSIR report
- Coordinated with GDOT, SCDOT, and SCDPS in collecting data for crash analysis
- Created a regional GIS map of traffic crash locations.

**Works Tasks:** Staff will collect, and compile the most current available crash data for Aiken, Columbia, Edgefield and Richmond Counties. In addition, data will be collected identifying the top twenty crash locations, including time of crash, ambient weather conditions, injury severity, and crash type, e.g., rear-end, head-on, etc. Crash data analysis will be achieved through MS Excel or other statistical software packages. GIS tools will permit the spatial analysis and mapping of crash data.

1. The analysis and mapping of crash data and preparation of the report is affected by the following factors:
2. The most current crash data available from GDOT or SCDPS may lag more than a year after the incident date
3. GPS coordinates may not have been recorded for all crashes, i.e., at the location of the crash GPS coordinates were not captured by the police officer reporting the crash
4. GDOT and SCDOT have minimum staffing to collect and compile crash data in addition to responding to daily data requests.

**Product:** ARTS Traffic Safety Improvement Report (TSIR) based on the most current available crash data. Created a regional GIS map of traffic crash locations.

**Work Schedule**

ACTIVITY	EXPECTED COMPLETION DATE
Gather crash data from GDOT and SCDPS	August 2016
Sort and compile data into required format	November 2016
Prepare maps to be used in the report	December 2016
Prepare draft TSIR	January 2017
Present results of TSIR to ARTS committees	March 2017
Prepare and publish final TSIR	June 2017
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		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$12,168.00		\$12,168.00
APDD (GA PL Match)	\$3,042.00		\$3,042.00
FHWA (SC PL)	\$400.00	\$3,600.00	\$4,000.00
ACPDD (SC PL Match)	\$100.00	\$900.00	\$1,000.00
<b>TOTAL</b>	<b>\$15,710.00</b>	<b>\$4,500.00</b>	<b>\$20,210.00</b>

### **3.4 Environmental Justice/Title VI (44.27.00)**

**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 ensure 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. ARTS and APT jointly updated the Title VI Program for Augusta Georgia to comply with FTA regulations and guidance of (49 CFR part 21) in accordance with Circular FTA C4702.1 B issued October 1, 2012.

**Planning Factors:**

1. 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; and
2. Promote efficient system management and operation.

**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. Staff also began to compile data and information for Environmental Justice Report. Developed demographic profile and data analysis of populations of minority concentrations, Hispanic, Asian, low-income persons, and populations of limited English proficiency. Conducted Benefits and Burdens analysis on the 2040 LRTP and FY 2015-2018 TIP.

**Works Tasks:** 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 public transit connections between low-income and minority populations and job opportunities, and to encourage participation in the transportation planning process. When consideration of route changes, especially decreases in service, APT and/or LSCOG will utilize 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.

**Work Schedule:** July 2016 through June 2017

***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		
	APDD	LSCOG	TOTALS
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
TOTAL	\$6,000.00	\$1,250.00	\$7,250.00

### *3.5 GIS 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.

**Planning Factors:**

1. Promote efficient system management and operation.

**Previous Work:**

- Maps were generated for 2014 CMP and 2015-2018 TIP reports and posted on ARTS website.
- Maps were created for the 2040 Long Range Transportation Plan update and public meetings.
- Online interactive transportation map tool for public information and comments.
- Staff attended an advanced GIS class called Building Geodatabases.
- Staff updated and maintained the ARTS and CSRA Air Quality Alliance websites. A new website has been established for the ARTS 2040 Long Range Transportation Plan update. Staff will update and maintain this website also.
- 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.

**Works Tasks:** 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 the 2015 Census and Census Transportation Planning Package (CTPP) data. 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:** A new GIS server was purchased in FY 2016 in order to have adequate space for the GIS maps and data created to assist in the ARTS transportation planning process. 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.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
Prepare and use GIS maps for transportation planning and analysis	As needed throughout program year
Update website information on ARTS meetings and events	Monthly throughout program year
Post ARTS studies and reports (e.g. UPWP, TIP, CMP) on MPO website	As completed throughout program year (July 2016 – June 2017)

**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)	\$40,132.00			\$40,132.00
APDD (GA PL Match)	\$10,033.00			\$10,033.00
FHWA (SC PL)		\$40,000.00		\$40,000.00
ACPDD (SC PL Match)		\$10,000.00		\$10,000.00
FTA (SEC 5303)			\$1,500.00	\$1,500.00
LSCOG (SEC 5303 Match)			\$375.00	\$375.00
<b>TOTAL</b>	<b>\$50,165.00</b>	<b>\$50,000.00</b>	<b>\$1,875.00</b>	<b>\$102,040.00</b>

## **WORK ELEMENT 4 - METROPOLITAN TRANSPORTATION SYSTEM PLANNING**

### 4.1 Long Range Plan (44.23.01)

#### 4.1.1 Performance Based Planning (44.24.00)

### 4.2 Congestion Management (44.22.00)

#### 4.2.1 Air Quality Issues

### 4.3 Transit / Paratransit

#### 4.3.1 Public Administration – August Public Transit (44.21.00)

#### 4.3.2 Management and Operation - APT (44.26.14)

#### 4.3.3 Program Administration – Aiken County Transit

#### 4.3.4 Transit Project Administration - (SC)

#### 4.3.5 Update of Complementary Paratransit Plan (44.26.12)

#### 4.3.6 Marketing and Public Information – (SC)

#### 4.3.7 Short Range Transit Planning - SC

#### 4.3.8 Long Range Transit Planning - SC

#### 4.3.9 Transit Financial Planning - SC

### 4.4 Intermodal Planning (44.23.01)

### 4.5 Special Transportation Studies

#### 4.5.1 Special Transportation Studies – Aiken County

#### 4.5.2 Special Transportation Studies – Lower Savannah Council of Government

### 4.6 Unfunded – Augusta-Richmond County Corridor Planning

## IV. WORK ELEMENT 4 - TRANSPORTATION SYSTEM PLANNING

### *4.1 Long Range Plan (44.23.01)*

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

This work element involves five-year update of the LRTP, amendments, modifications, and implement to enhance multimodal alternative transportation, bike and pedestrian safety and enhance transit service and facility, complete street and access management 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. ARTS staff will develop the regional performance measures for each mode of transportation including highway/roads, traffic safety, congestion management corridors, public transit, freight, bridge, bicycle and pedestrian. 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.

**Planning Factors:**

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;
8. Emphasize the preservation of the existing transportation system;
9. Improving transportation system resiliency and reliability;
10. Reducing (or mitigating) the stormwater impacts of surface transportation; and
11. Enhancing travel and tourism.

**Previous Work:** The update of the ARTS 2040 Long Range Transportation Plan – 2040 Transportation Vision begin during the previous fiscal year. Staff prepared the Technical Report on the Existing System and Performance measures. Socio Economic data was collected and maps were prepared for existing land use, TIP and Long Range Plan projects, congestion, crash data. Ten community meetings were held to educate the public on the transportation planning process and to receive their input.

**Works Tasks:** Review and update the ARTS 2040 Long Range Plan 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.

ARTS staff will develop performance measures in consultation with Aiken County Planning and Development Department, Lower Savannah Council of Governments, Augusta Public Transit Department, GDOT, SCDOT, FHWA and FTA. The performance measures will also be reviewed and adopted by the ARTS MPO committees, Citizen Advisory Committee, Technical Coordinating Committee and the MPO Policy Committee.

**Product:** The ARTS 2040 Long Range Transportation Plan will continue into FY 2017. Updates or amendments to the ARTS Long Range Transportation Plan as needed. The LRTP was completed in August 2015. Regional Performance Measures and Prioritization Tool.

**Work Schedule:** The 2040 LRTP was completed in the second quarter of FY 2016. Any amendments to the 2040 LRTP will be considered at the appropriate time during FY 2017.

***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)	\$40,468.00		\$40,468.00
APDD (GA PL Match)	\$10,117.00		\$10,117.00
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>TOTAL</b>	<b>\$55,585.00</b>	<b>\$4,000.00</b>	<b>\$59,585.00</b>

### 4.1.1 Performance Based Planning (44.24.00)

**Purpose:** Performance-based planning and programming (PBPP) refers to the application of performance management principles within the planning and programming processes of transportation agencies to achieve desired performance outcomes for the multimodal transportation system. PBPP attempts to ensure that transportation investment decisions are made – both in long term LRTP planning and short-term TIP programming of projects – based on MPO goals and objectives for improving the overall transportation system.

Metropolitan transportation planning: “[MPOs]..., in cooperation with the State and public transportation operators, shall develop long-range transportation plans and transportation improvement programs through a performance-driven, outcome-based approach to planning.” 23 USC Section 134(c)(1); 49 USC Section 5303(c)(1). “The metropolitan transportation planning process shall provide for the establishment and use of a performance-based approach to transportation decision making to support the national goals....” 23 USC Section 134(h)(2); 49 USC Section 5303(h)(2).

#### **Planning Factors:**

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;
8. Emphasize the preservation of the existing transportation system; and
9. Improve transportation system resiliency and reliability.

#### **Works Tasks:**

1. Data collection and establish performance measure and targets
2. Monitor and track progress
3. Public outreach and education, build consensus

**Work Schedule:** June 2016 to July 2017

**Product:** Performance Measures for each transportation mode, highway, freight public transit, bike and pedestrian, traffic safety and congestion.

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

**Responsible Agencies:** Augusta Planning and Development Department, Aiken County Planning and Development Department, Columbia County Planning and Development Department.

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$ 18,400		\$18,400.00
APDD (GA PL Match)	\$ 4,600		\$4,600.00
FHWA (SC PL)		\$ 4,000	\$4,000.00
ACPDD (SC PL Match)		\$ 1,000	\$1,000.00
FTA (SEC 5303)	\$ 4,000		\$4,000.00
GA DOT (SEC 5303 Match)	\$ 500		\$500.00
APDD (SEC 5303 Match)	\$ 500		\$500.00
<b>TOTAL</b>	<b>\$28,000.00</b>	<b>\$5,000.00</b>	<b>\$33,000.00</b>

## 4.2 Congestion Management (44.22.00)

**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) an integral transportation planning process in the ARTS area. Activities under this work element will include completing the annual traffic congestion data analysis, publishing the annual ARTS CMP Report, and implementing specific congestion mitigation strategies identified in the CMP Report. The MPO and ACPDD will cooperate with local and state agencies in implementing the congestion mitigation strategies.

**Planning Factors:**

1. Increase the safety of the transportation system for motorized and non-motorized users;
2. Increase the security of the transportation system for motorized and non-motorized users;
3. Increase the accessibility and mobility of people and for freight;
4. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
5. Improving transportation system resiliency and reliability; and
6. Enhancing travel and tourism.

**Previous Work:** The MPO and ACPDD completed all activities in the CMP work schedule and the 2014 Congestion Management System report was prepared. Staff conducted research on best practices for measuring congestion to update the methodology and identify data resources.

**Works Tasks:** 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 selected transportation corridors each year. Congestion levels are then determined based on how much the average speed recorded during the survey deviates from the posted speed limit for each route or the extra time required to travel the corridor during the peak hours compared to off-peak periods. Congestion mitigation strategies are then identified for each route and tracked before and after implementation. Staff will create a regional transportation system database to include data to effectively measure congestion.

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.

ARTS staff collects and compile data that will be utilized to develop and monitor performance measures evaluation process applied to congested corridors and mitigation strategies.

ARTS staff will coordinate and collaborate with Aiken County Planning and Development Department, Aiken County Engineering Department, City Engineering Department of City of N. Augusta and City of Aiken; Columbia County Engineering Department and Richmond County Engineering Department to facilitate data collection and travel time runs to assess congestion on regional corridors.

**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.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
Determine routes to be surveyed based on CMP data collection schedule, status of mitigation projects, and changes in the ARTS study area boundary.	January 2017
Conduct travel time survey of identified routes using GPS equipment	February - April 2017
Document status of mitigation projects included in previous year's CMP report	May 2017
Complete segment speed worksheets based on results of travel time survey	May 2017
Identify congestion mitigation strategies for the surveyed routes	May 2017
Prepare draft CMP report	May 2017
Present results of CMP to ARTS committees	June 2017
Prepare and publish final CMP	June 2017
Amend Long Range Plan and / or TIP by incorporating any new congestion mitigation projects resulting from the CMP	On-going/As needed
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		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$16,000.00		\$16,000.00
APDD (GA PL Match)	\$4,000.00		\$4,000.00
FHWA (SC PL)	\$800.00	\$2,240.00	\$3,040.00
ACPDD (SC PL Match)	\$200.00	\$560.00	\$760.00
FTA (SEC 5303)	\$23,822.60		\$23,822.60
GA DOT (SEC 5303 Match)	\$2,977.83		\$2,977.83
APDD (SEC 5303 Match)	\$2,977.83		\$2,977.83
TOTAL	\$50,778.25	\$2,800.00	\$53,578.25

### 4.2.1 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.

ARTS will focus work on efforts to improve Air Quality by increasing access to public transit, connecting public transit to bicycle path and installing bicycle racks in activity centers, and linking public transit to park and ride lots throughout the region. Rideshare and carpool programs are also being researched to promote and market to regional businesses and universities.

**Planning Factors:**

1. Reduce increase in traffic congestion on regional corridors;
2. 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;
3. Emphasize the preservation of the existing transportation system; and
4. Enhancing travel and tourism.

**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, Georgia Regents University (GRU) 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.

ARTS staff attends state Air Quality Summits conducted by South Carolina Department of Health and Environmental Control and shares best practices with other Air Quality Alliances. These best practices include ways to promote alternative transportation options and energy conservation.

- Carpooling, ridesharing, and combining trips and limit unnecessary ones
- Keep your vehicle properly maintained and saving electricity
- Walk or ride a bike on short trips and avoid driving during peak hours
- Don't drive above the speed limit
- Take the bus

**Works Tasks:** 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.

**Work Schedule:** July 2016 through June 2017

**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)	\$2,000.00		\$2,000.00
APDD (GA PL Match)	\$500.00		\$500.00
FHWA (SC PL)	\$1,600.00	\$3,600.00	\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
<b>TOTAL</b>	<b>\$4,500.00</b>	<b>\$4,500.00</b>	<b>\$9,000.00</b>

## 4.3 Public Transit / Paratransit

### Georgia

#### 4.3.1 Public Administration – Augusta Public Transit (44.21.00)

**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 public transit related issues facing APT.

**Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. 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;
3. Promote efficient system management and operation;
4. Emphasize the preservation of the existing transportation system; and
5. Improving transportation system resiliency and reliability.

**Previous Work:** Staff prepared and submitted for review and approval grant applications and the NTD report. Assisted with scope of services for a Comprehensive Operational Analysis and site location analysis for the Augusta Public Transit Bus Maintenance and Administration facility.

**Works Tasks:** In previous years the MPO staff has provided assistance to Augusta Public Transit as needed in preparing the required financial and operation 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;
6. Assist as need with review of procurement documents involving Federal and State funds;
7. Assisting in planning for transit system capital investments that will lead to increased security for the transit system;
8. Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process);

9. Developing the Georgia public transportation portion of the Unified Planning Work Program; and
10. Providing technical transit planning and grant management assistance on any transit related issues facing APT.

ARTS staff collects and compile data that will be utilized to develop and monitor performance measures evaluation process.

ARTS staff will develop the Regional Coordinated Human Services Transportation Framework for transit dependent persons, social service agencies, health and human services agencies, rural transit providers and other transit related entities. ARTS will coordinate and collaborate with the CSRA, APT, LSCOG, Columbia County Transit, Department of Human Health for State of Georgia and South Carolina.

ARTS staff will coordinate and collaborate with APT, LSCOG and Augusta-Richmond County GIS Department, Aiken County Planning and Development Department to collect, compile demographic data, and conduct data analysis to identify gaps and opportunities to improve public transportation service connections to employment centers, job training and educational centers, healthcare and social services as well as recreation facilities.

**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 public transit elements.

**Work Schedule:** July 2016 through June 2017

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

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

RESPONSIBLE AGENCY		
FUNDING SOURCE	APDD	TOTALS
FTA (SEC 5303)	\$79,635.00	\$79,635.00
GA DOT (SEC 5303 Match)	\$9,954.38	\$9,954.38
APDD (SEC 5303 Match)	\$9,954.38	\$9,954.38
<b>TOTAL</b>	<b>\$99,543.75</b>	<b>\$99,543.75</b>

### 4.3.2 Management and Operation – APT (44.26.14)

**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 Circular 7088.1.

**Planning Factors:**

- 1 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
- 2 Promote efficient system management and operation; and
- 3 Emphasize the preservation of the existing transportation system.

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

**Works Tasks:** 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 and Comprehensive Operations Analysis.

**Work Schedule:** January 2016 through December 2017

**COST ESTIMATE AND PROPOSED FUNDING SOURCE: FTA Section 5303**

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

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
TOTAL	\$10,000.00	\$10,000.00

#### 4.3.2.1 Management and Operation – APT (44.26.14) - COA

**Purpose:** FTA regulations dictate all planning projects within the metropolitan transportation planning process that use FTA or FHWA funds must be included in the Unified Planning Work Program (UPWP), as approved by the MPO. The UPWP must include a list of the proposed planning projects, project scopes, and related costs. This will include a Comprehensive Operations Analysis of the current system.

**Planning Factors:**

- 1 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
- 2 Promote efficient system management and operation;
- 3 Emphasize the preservation of the existing transportation system; and
- 4 Improving transportation system resiliency and reliability.

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

**Works Tasks:** August Public Transit will conduct a Comprehensive Operation Analysis of fixed route and paratransit route systems focusing on service delivery.

**Product:** Comprehensive Operations Analysis.

**Work Schedule:** January 2016 through December 2017

ACTIVITY	EXPECTED COMPLETION DATE
RFP/IFB issued	January 31, 2016
Contract Awarded	March 31, 2016
Contract Complete	December 31, 2017

**COST ESTIMATE AND PROPOSED FUNDING SOURCE: FTA 5307**

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

RESPONSIBLE AGENCY		
FUNDING SOURCE	APT	TOTALS
APT (SEC 5307 Match)	\$21,250.00	\$21,250.00
FTA (SEC 5307 Match)	\$85,000.00	\$85,000.00
TOTAL	\$106,250.00	\$106,250.00

### 4.3.3 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.

**Planning Factors:**

- 1 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
- 2 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;
- 3 Promote efficient system management and operation;
- 4 Emphasize the preservation of the existing transportation system and
- 5 Improving transportation system resiliency and reliability.

**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.

**Works Tasks:** 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:

- 1 Provide staff support to the Regional Transit Management Association (RTMA) Advisory Committee and Aging, Disability & Transportation Resource Center (ADTRC) regional human services and transit advisory committee, as they provide input concerning efficiencies, routing, and enhancement of the existing Best Friend Express system.
- 2 Actively participate in ARTS Committee meetings;
- 3 Continue work on behalf of Aiken County for submission of grant applications to appropriate sources.
- 4 Administer related planning requirements;
- 5 Provide opportunity for public hearings on grant applications and fare/service changes;
- 6 Participate in transit planning related seminars, conferences, and meetings to expand the working knowledge of transit planning methods, tools, and procedures.

**Product:** Quarterly reports to FTA, updates to all ARTS committee meetings, reports to SCDOT and Aiken County Council as needed.

**Work Schedule:** July 2016 through June 2017

***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
TOTAL	\$8,750.00	\$8,750.00

## **South Carolina**

### **4.3.4 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 Map-21 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.

**Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Promote efficient system management and operation; and
3. Emphasize the preservation of the existing transportation system.

**Previous Work:** Previously, LSCOG performs annual contract preparation and monitoring for the operational functions of the public transit system. A new procurement for operational services was completed in 2015 that resulted in a new service provider being selected as the Contractor.

**Works Tasks:** 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:

1. Monitor and Administer the Aiken Area Council on Aging contracted to Generations Unlimited for operation of the Best Friend Express and Dial-A-Ride.
2. Carry out project planning and management activities for the ADTRC and technology enhancements on Aiken County Transit system vehicles.

**Products:**

- Best Friend Express Contract
- Dial-A-Ride Contract
- Updates and progress reports to relevant ARTS documents, on-going administration of the ADTRC and coordinated/enhanced transit system.

**Work Schedule:** July 2016 through June 2017

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

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

RESPONSIBLE AGENCY

FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$4,400.00	\$4,400.00
LSCOG (SEC 5303 Match)	\$1,100.00	\$1,100.00
TOTAL	\$5,500.00	\$5,500.00

#### 4.3.5 Update of Complementary Paratransit Plan (44.26.12)

**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 so as to comply with FTA regulations and guidance of (49 CFR Parts 27, 37, 38 & 39) in accordance with Circular FTA C4710.1 issued on November 4, 2015.

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).

**Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. 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;
3. Promote efficient system management and operation;
4. Emphasize the preservation of the existing transportation system; and
5. Improving transportation system resiliency and reliability.

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

**Works Tasks:** 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

**Work Schedule:** July 2016 through June 2017

***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
TOTAL	\$4,000.00	\$1,250.00	\$5,250.00

### 4.3.6 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.

**Planning Factors:**

1. Promote efficient system management and operation; and
2. Emphasize the preservation of the existing transportation system.

**Previous Work:** Lower Savannah Council of Governments has wrapped all new, replacement vehicles with attractive advertising of both 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.

**Works Tasks:** Marketing will continue to encompass the following areas:

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

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

**Work Schedule:** July 2016 through June 2017

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

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

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$1,000.00	\$1,000.00
LSCOG (SEC 5303 Match)	\$250.00	\$250.00
TOTAL	\$1,250.00	\$1,250.00

### 4.3.7 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 National Transit Data (NTD) report, preparing the annual update to the Title VI assurances, and helping prepare the FY 2017 UPWP.

**Products:**

- 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.

**Planning Factors:**

1. Promote efficient system management and operation;
2. Emphasize the preservation of the existing transportation system; and
3. Improving transportation system resiliency and reliability.

**Works Tasks:** 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).
8. Robust LSCOG staff participation in the Transit Development Plan and associated short range planning is anticipated during FY 17.

**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 Title VI; and participated in the planning process.

**Work Schedule:** July 2016 through June 2017

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

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

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$9,000.00	\$9,000.00
LSCOG (SEC 5303 Match)	\$2,250.00	\$2,250.00
TOTAL	\$11,250.00	\$11,250.00

#### 4.3.8 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.

**Planning Factors:**

1. 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;
2. Promote efficient system management and operation;
3. Emphasize the preservation of the existing transportation system; and
4. Improving transportation system resiliency and reliability.

**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.

**Works Tasks:** 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 2017, 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.

**Work Schedule:** July 2016 through June 2017

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

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

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

### 4.3.9 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.

**Products:**

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

**Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. 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;
3. Promote efficient system management and operation; and
4. Emphasize the preservation of the existing transportation system.

**Works Tasks:** 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 2017, 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 the enhancements in place with ongoing maintenance and support.

**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 2016 through June 2017

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

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

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

#### **4.4 Intermodal Planning (44.23.01)**

**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 and 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.

To make the ARTS transportation system more intermodal through implementing the regional Bicycle and Pedestrian Plan. This plan prioritized proposed projects based on numerous factors identified by local stakeholders. The plan recommends local governments strengthen policies related to:

- Bicycle paths and parking
- Pedestrian facilities
- Regional connectivity

The Bicycle and Pedestrian Plan is incorporated into the 2040 Long Range Transportation Plan and implements the projects through the Transportation Improvement Program.

**Planning Factors:**

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. Improving transportation system resiliency and reliability; and
8. Enhancing travel and tourism.

**Previous Work:** The 2040 LRTP and FY 2015-2018 TIP update included future transportation projects on routes/corridors serving freight traffic. ARTS Bicycle and Pedestrian Plan (Implementation and monitoring TAP projects). Aiken County Bicycle and Pedestrian Plan (Implementation and monitoring TAP projects)

**Works Tasks:** ARTS staff will continue to work on activities related to railroad relocation, transit facilities and bicycle and pedestrian projects. ARTS will also take steps to integrate freight transportation planning into the regional transportation planning process.

ARTS staff will collect and compile data to be utilized in developing and monitoring performance measures evaluation process.

ARTS staff will coordinate and collaborate with Aiken County Planning and Development Department, Aiken County Engineering Department, City Engineering Department of City of N. Augusta and City of Aiken; Columbia County Engineering Department and Richmond County Engineering Department to identify gaps and opportunities to improve bicycle and pedestrian services including sidewalks and regional connections.

Assist local governments in implementing Complete Streets strategies and policies.

**Product:** ARTS Bicycle and Pedestrian Plan, Complete Streets strategy and policy

**Work Schedule:** July 2016 through June 2017

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

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

FUNDING SOURCE	RESPONSIBLE AGENCY		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$5,600.00		\$5,600.00
APDD (GA PL Match)	\$1,400.00		\$1,400.00
FHWA (SC PL)	\$400.00	\$1,600.00	\$2,000.00
ACPDD (SC PL Match)	\$100.00	\$400.00	\$500.00
FTA (SEC 5303)	\$4,800.00		\$4,800.00
GA DOT (SEC 5303 Match)	\$600.00		\$600.00
APDD (SEC 5303 Match)	\$600.00		\$600.00
<b>TOTAL</b>	<b>\$13,500.00</b>	<b>\$2,000.00</b>	<b>\$15,500.00</b>

## 4.5 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).

### **Planning Factors:**

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;
8. Emphasize the preservation of the existing transportation system;
9. Improving transportation system resiliency and reliability;
10. Reducing (or mitigating) the stormwater impacts of surface transportation; and
11. Enhancing travel and tourism.

**Previous Work:** No special studies were initiated in the ARTS for Richmond or Columbia County GA.

**Works Tasks:** To fund outside consultants or prepare in-house any transportation or traffic studies which may be needed. Final selection of special studies will depend on the relative priority of an issue and availability of nonfederal matching funds.

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

ACTIVITY	EXPECTED COMPLETION DATE
Solicit Special Study proposals from ARTS stakeholders	January 2016
CAC / TCC endorsement of Special Study	February 2016

ACTIVITY	EXPECTED COMPLETION DATE
Policy Committee approves specific Special Study as part of final 2016 UPWP	March 2016
Procure consultant for Special Study	January – May 2016
Consultant begins Special Study project	June 2016
Consultant completes Special Study project	June 2017

***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		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$100,000.00		\$100,000.00
APDD (GA PL Match)	\$25,000.00		\$25,000.00
FHWA (SC PL)	\$2,400.00	\$ 40,000.00	\$2,400.00
ACPDD (SC PL Match)	\$600.00	\$ 10,000.00	\$600.00
<b>TOTAL</b>	<b>\$128,000.00</b>	<b>\$50,000.00</b>	<b>\$178,000.00</b>

#### 4.5.1 Special Transportation Studies – Aiken County

**Purpose:** In 2015, New Ellenton’s joins ARTS and expands the southern boundary to US-278 Williston Road. SC-19 Whiskey Road connects the two cities, Aiken to New Ellenton. This 12-mile corridor provides major access for those commuting in Aiken County. The study focus on transportation improvements, ensuring safety for all users.

**Planning Factors:**

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;
8. Emphasize the preservation of the existing transportation system;
9. Improving transportation system resiliency and reliability;
10. Reducing (or mitigating) the stormwater impacts of surface transportation; and
11. Enhancing travel and tourism.

**Previous Work:** Special studies completed in recent years includes the following

- Edgefield Highway (SC-19 North) Corridor Planning Study (2014)

**Work Tasks:** To fund a specific transportation study, SC-19 Whiskey Road from S Boundary in Aiken to US-278 Williston Road in New Ellenton. Study potential stormwater drainage management, road widening, pedestrian improvements, traffic access management, congestion management and other transportation issues along the 12-mile corridor.

**Product:** Whiskey Road (SC-19 South) Corridor Study

**Work Schedule:** January 2016 through June 2017

ACTIVITY	EXPECTED COMPLETION DATE
Draft RFP	January 2016
Release for Bid	March 2016
Short list Consultants and Award Contract	June 2016
Study Period	July 2016-June 2017

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

**Responsible Agency:** Aiken County, City of Aiken and SCDOT

FUNDING SOURCE	RESPONSIBLE AGENCY	
	ACPDD	TOTALS
SC DOT (PL Match)	\$ 280,000.00	\$ 280,000.00
ACPDD (SC PL Match)	\$ 70,000.00	\$ 70,000.00
TOTAL	\$ 350,000.00	\$ 350,000.00

#### 4.5.2 Special Transportation Studies – Lower Savannah Council of Government

**Purpose:** Lower Savannah Council of Governments (LSCOG) will seek consultant services for a Transit Development Plan (TDP) benefiting the Best Friend Express and Dial-A-Ride transportation system serving the urbanized portion of Aiken County. The current operating environment, existing routes, use of technology, customer surveys, and performance data will be studied with recommendations made for possible transit enhancements, route modifications, technology, and best practices for operations presented in a final report. The TDP report will make suggestions for stakeholder consideration over a future five-year period. All federal funding for this TDP study comes from an urban 5307 grant when it was approved after being programmed in the FY 2015 UPWP. Due to a significant delay in starting the TDP, the existing Section 5307 money needs to be re-programmed (carryover) for the UPWPs serving FY 2016 and FY 2017 as it is expected the study will straddle the two fiscal years.

**Planning Factors:**

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Promote efficient system management and operation;
3. Emphasize the preservation of the existing transportation system; and
4. Improving transportation system resiliency and reliability.

**Previous Work:** 2009 Transit Development Plan for Augusta Public Transit

**Works Tasks:** Lower Savannah Council of Government’s consultant will conduct a Transit Development Plan of fixed route and paratransit route systems focusing on service delivery.

**Product:** Transit Development Plan

**Work Schedule:** April 2016 through June 2017

Activity/Task	Completion Date
Development of Solicitation/Procurement	June 2016
Award/Contracting	August 2016
Opening Session with Consultants	September 2016
Review of existing transit data and technology infrastructure, Route Evaluation and Analysis, Operations Assessment	October 2016 to May 2017
Public Participation Planning & Meetings	Ongoing
Final Report Due	June 2017

***COST ESTIMATE AND PROPOSED FUNDING SOURCE: FTA 5307 and local match, FY 2016 \$3,500, FY 2017 \$90,250***

**Responsible Agency:** Lower Savannah Council of Government

RESPONSIBLE AGENCY

FUNDING SOURCE	LSCOG	TOTALS
LSCOG (SEC 5307 Match)	\$18,050.00	\$ 18,050.00
FTA (SEC 5307 Match)	\$72,200.00	\$ 72,200.00
TOTAL	\$90,250.00	\$ 90,250.00

## 4.6 Unfunded - Augusta-Richmond County Corridor Planning

**Purpose:** The purpose of corridor planning is to analyze traffic and travel conditions along major transportation corridors, impact on development and land use patterns. In addition to determining the potential growth and transportation needs for short and long-term improvements, important study themes include the following:

- Reduce/mitigate congestion and improve traffic safety
- Increasing mobility during peak travel times
- Optimizing the relationship between land use and transportation
- Determining the location and feasibility of other multimodal systems
- Evaluate existing and future travel
- Analyzing the need and location for intersection improvements

One of ARTS 2040 Long Range Transportation Plan objectives (Goal 2.2.1.6 Land Use and Transportation Integration) is *Promote the concentration of future employment and other activity centers along existing and planned major travel corridors*. Corridor Planning helps ARTS achieve this objective by integrating land use decisions in the transportation planning process. Corridor planning also plays an important role in congestion management, a vital component of the 2040 Long Range Transportation Plan.

### **Planning Factors:**

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;
8. Emphasize the preservation of the existing transportation system; and
9. Improving transportation system resiliency and reliability.

**Works Tasks:** Augusta Planning and Development Department will conduct thorough analysis and plan for major corridors in August-Richmond County

**Product:** Gordon Highway Corridor Plan, Peach Orchard Corridor Plan

**Work Schedule:** June 2016 to July 2017

**Responsible Agency:** Augusta Planning and Development Department

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

FUNDING SOURCE	RESPONSIBLE AGENCY	
	APDD	TOTALS
UNFUNDED STATE/FEDERAL	\$640,000.00	\$640,000.00
UNFUNDED LOCAL	\$160,000.00	\$160,000.00
TOTAL	\$800,000.00	\$ 800,000.00

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**WORK ELEMENT 5 – TRANSPORTATION IMPROVEMENT PROGRAM**

5.1 TRANSPORTATION IMPROVEMENT PROGRAM (44.25.00)

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## V. WORK ELEMENT 5 - 5.1 TRANSPORTATION IMPROVEMENT PROGRAM (44.25.00)

**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 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.

**Planning Factors:**

1. Promote efficient system management and operation;
2. Emphasize the preservation of the existing transportation system; and
3. Improving transportation system resiliency and reliability.

**Previous Work:** The ARTS Transportation Improvement Program (TIP) was developed during the previous fiscal year. Developed a funding application process for the Transportation Alternatives Program (TAP) Implementation of the TIP is ongoing.

**Works Tasks:** 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. Issue a call for Transportation Alternatives Program (TAP) funding applications as federal funds become available. This process will include an evaluation and ranking of funding requests as part of a competitive award to fund TAP projects in Georgia (Richmond and Columbia Counties). ARTS staff will apply the regional performance measures and prioritization tool to each transportation project.

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. **Implement Transportation Alternatives Program (TAP)** – Issue a call for projects
3. **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.
4. **Adopt Draft TIP** – The draft TIP is adopted by the ARTS Policy Committee
5. **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

6. **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.

7. **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.

ARTS staff will apply the performance measures to each transportation project and program included in the TIP during annual updates as necessary.

**Product:** Updated ARTS Transportation Improvement Program (TIP). Updated GIS Interactive LRTP/TIP Maps and GIS attribute database.

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

ACTIVITY	EXPECTED COMPLETION DATE
1. Test Transportation Network	March 2017
2. Develop Draft TIP	April 2017
3. Adopt Draft TIP	June, 2017
4. Complete Public Review and Agency Consultation	July 2017
5. Adopt Final TIP	September, 2017
6. Implement TIP	Ongoing beginning July 1, 2018

**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)	\$20,800.00			\$20,800.00
APDD (GA PL Match)	\$5,200.00			\$5,200.00
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		\$2,500.00	\$18,500.00
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)			\$625.00	\$625.00
<b>TOTAL</b>	<b>\$48,000.00</b>	<b>\$4,500.00</b>	<b>\$3,125.00</b>	<b>\$55,625.00</b>

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**APPENDIX A**

**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, Fort Gordon, the Georgia Department of Transportation, the South Carolina Counties of Aiken and Edgefield, the South Carolina Cities of Aiken, North Augusta, Burnetown and New Ellenton, 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 United States Code 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 Georgia Planning and Development Department. 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 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 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:

Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.

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

- d. 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.
- e. Provide various types of traffic count data.
- f. 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**, 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, four-year, multimodal Transportation Improvement Program (TIP) for Georgia, and a six-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 Participation Plan (PPP). The PPP documents how the MPO will support early and continuing involvement of the public and other stakeholders 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 Process.
- q. Ensure that the Congestion Management Process 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** 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 **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 **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 New Ellenton, 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.

**XXII. 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.

**XXIII. 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.

**XXIV. 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.

**XXV. IT IS FURTHER AGREED**, that the US Army Garrison, Fort Gordon (USAGFG) 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.

**XXVI. 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 4th day of June, 2015

CITY OF AUGUSTA, GEORGIA

Nancy W. Morawski  
Witness

Natasha Metcal  
Notary Public

My Commission Expires May 25, 2019

My Commission Expires



Hardie D  
Signature

Signature

Name: Hardie Davis, Jr.

Title: Mayor

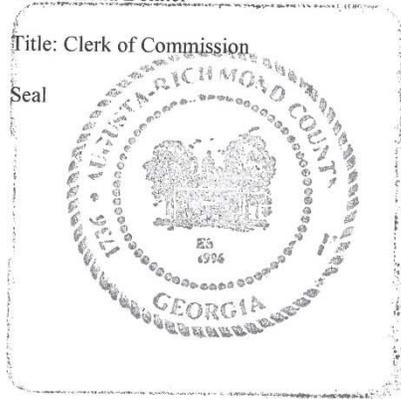
Attest:

Lena Bonner

Name: Lena Bonner

Title: Clerk of Commission

Seal



AUGUSTA PUBLIC TRANSIT - AUGUSTA, GEORGIA

Paul T. DeCamp Jr  
Witness

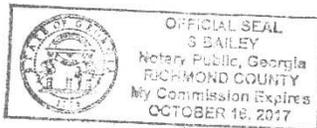
S. Bailey  
Notary Public

October 16, 2017

My Commission Expires:

Patrick S. Stephens  
Transit Director - Patrick Stephens

Seal



CITY OF HEPZIBAH, GEORGIA

Matthew Allen  
Witness

Cynthia G. Banker  
Notary Public

Dec 13, 2015

My Commission Expires:

Robert J. Buchwitz  
Commission Chairman - Robert Buchwitz

Seal

CITY OF BLYTHE, GEORGIA

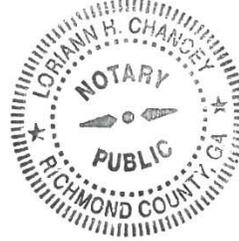
Witness

Lorriann H. Chaney  
Notary Public  
Richmond County, Georgia  
My Commission Expires Nov. 8, 2015

My Commission Expires:

Brent Weir  
Mayor - Brent Weir

Seal



CITY OF GROVETOWN, GEORGIA

Witness

Rachel L. LaKey  
Notary Public  
2-24-2019  
My Commission Expires:

Gary Jones  
Mayor - Gary Jones



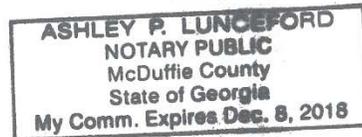
COUNTY OF COLUMBIA, GEORGIA

Witness

Patrice B. Crawley  
Notary Public  
December 8, 2018  
My Commission Expires:

Ron Cross  
Commission Chairman - Ron Cross

Seal



AUGUSTA GEORGIA PLANNING & DEVELOPMENT DEPARTMENT

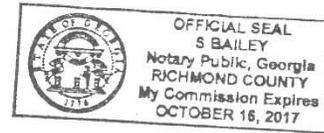
Paul T. Delcamp Jr.  
Witness

Melanie Wilson  
Director - Melanie Wilson

S. Bailey  
Notary Public

Seal

October 16, 2017  
My Commission Expires:



FORT GORDON, GEORGIA

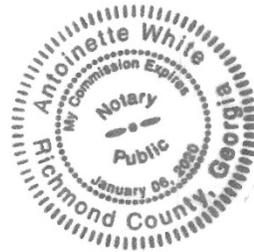
Janet R. Green  
Witness

Samuel G. Anderson  
Garrison Comander - Col. Samuel G. Anderson

Antoinette White  
Notary Public

Seal

20200104  
My Commission Expires:



COUNTY OF AIKEN, SOUTH CAROLINA

Tamara Sullivan  
Witness

Ronnie Young  
Council Chairman - Ronnie Young

Tamara Sullivan  
Notary Public

Seal

April 2, 2022  
My Commission Expires:

Jim Holly  
Reviewed by Jim Holly, County Attorney

CITY OF NEW ELLENTON, SOUTH CAROLINA

[Signature]  
Witness

Zorayda J. El  
Notary Public

11/03/15  
My Commission Expires:

[Signature]  
Mayor -- Vernon Dunbar

Seal

ZORAYDA T. EL

NOTARY PUBLIC  
COMMISSION EXPIRES  
11/03/2015

SOUTH CAROLINA

LOWER SAVANNAH COUNCIL OF GOVERNMENTS

[Signature]  
Witness

Rosemary M Lindler  
Notary Public

ROSEMARY M LINDLER  
Notary Public, South Carolina  
My Commission Expires November 24, 2022

[Signature]  
Executive Director  
William Molnar, PhD.

Seal

CITY OF NORTH AUGUSTA, SOUTH CAROLINA

[Signature]  
Witness

Donna Lox Brance Young  
Notary Public

4/10/19  
My Commission Expires:

[Signature]  
Mayor - Lark W. Jones

Seal

CITY OF AIKEN, SOUTH CAROLINA

[Signature]  
Witness

[Signature]  
Notary Public

My Commission Expires: May 5, 2018

[Signature]  
Mayor - Rick Osbon

Seal

CITY OF BURNETTOWN, SOUTH CAROLINA

Noelle Dhealy  
Witness  
Michelle Pardue  
Notary Public

[Signature]  
Mayor - Jonathan Dicks

Seal

My Commission Expires: **MICHELLE PARDUE**  
Notary Public, State of South Carolina  
My Commission Expires 5/1/2024

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

[Signature]  
Mark Pleasant, Director of Planning

[Signature]  
Ron Patton, Deputy Secretary for Intermodal Planning

Seal

ATTEST:  
[Signature]  
Mike Sullivan, Statewide Planning Chief

[Signature]  
Sherry D. Brown  
Notary Public

12-10-2023  
My Commission Expires:

Signed, Sealed and Executed for the GEORGIA DEPARTMENT OF TRANSPORTATION

[Signature]  
Jay Roberts, Director of Planning

[Signature]  
Russell McMurry, P.E., Georgia DOT Commissioner

Seal

[Signature]  
Carol Comer, Director of Intermodal Planning

[Signature]  
Anita Henson  
Notary Public



MY COMMISSION EXPIRES 10/16/2019  
My Commission Expires

COUNTY OF EDGEFIELD, SOUTH CAROLINA

[Signature]  
Witness

[Signature]  
Council Chair -- Dean Campbell

Seal

[Signature]  
Jennifer L. Hillery  
Notary Public

07/23/2025  
My Commission Expires:

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**APPENDIX B**

**AUGUSTA REGIONAL TRANSPORTATION STUDY COMMITTEES**

**POLICY COMMITTEE**

**VOTING**

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

Robert Buchwitz, Chairman  
Hephzibah Commission

Lark Jones, Mayor  
North Augusta, SC

Gary Jones, Mayor  
Grovetown, GA

Brent Weir, Mayor  
City of Blythe

Samuel G. Anderson, Colonel  
Fort Gordon, GA

Vernon Dunbar, Mayor  
Town of New Ellenton, SC

William Molnar, Executive Director  
LSCOG

Hardie Davis Jr., Mayor  
Augusta, GA

Russell McMurry, Commissioner  
GA DOT

Rick Osbon, Mayor (Vice-Chairman)  
Aiken, SC

Jonathan Dicks, Mayor  
Town of Burnetown, SC

Ronnie Young, Chairman  
Aiken County Council, SC

Dean Campbell, Chairman  
Edgefield County Council

Christy Hall, Secretary of Transportation  
SC DOT

Patrick Stephens, Director  
Augusta Public Transit

**NON-VOTING**

John N. Hardee  
2<sup>nd</sup> Congressional District Commissioner

Don Grantham, State Transportation Board  
GA

Rodney Barry, Division Administrator  
FHWA - GA

Melanie Wilson, Project Director  
ARTS

Ben H. Davis, Jr.  
3<sup>rd</sup> Congressional District Commissioner

Les Morton, Chairman, CAC  
ARTS

Robert Lee  
FHWA - SC

Dana Luttrull  
Lower Savannah COG, Best Friends Express

**SOUTH CAROLINA POLICY SUBCOMMITTEE**

**VOTING**

Ronnie Young, Chairman of SC ARTS Subcommittee  
Aiken County Council Chairman

Lark Jones, Vice-Chairman of SC ARTS  
Subcommittee, Mayor of North Augusta

Rick Osbon  
Mayor of Aiken

Vernon Dunbar  
Mayor of New Ellenton

Roger LeDuc  
Interim Town Administrator, New Ellenton

Dick Dewar  
Aiken City Council

Camille Furgiuele  
Aiken County Council

Dean Campbell  
Edgefield County Council

Vacant  
Edgefield County Council

Ken McDowell  
North Augusta City Council

Noelle Shealy  
Burnettown, Town Council

Johnathan Dicks  
Mayor of Burnettown

**TECHNICAL COORDINATING COMMITTEE**

**VOTING**

Thomas Zeaser, Engineer  
City of North Augusta, SC

Joe Berry, County Engineer  
Aiken County, SC

Abie Ladson, City Engineer  
Augusta, GA

Herbert Judon, Director  
Augusta Regional Airport, GA

Scott Sterling, Director  
Planning & Economic Development  
North Augusta, SC

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

Les Morton, Chairman  
ARTS CAC

Melanie Wilson, Director, Augusta Planning and  
Development Department, Augusta, GA

George Grinton, Engineering and Utilities  
City of Aiken, SC

Matt Schlachter, Director of Construction and  
Maintenance, Columbia County, GA

Andrew Strickland, Director  
Planning & Development Services  
Columbia County, GA

Patrick Stevens, Director, Augusta Public Transit  
Department, Augusta, GA

Wayne Collins, Director, Building and Planning,  
Edgefield County, SC

Glen Bollinger, Traffic Engineer  
Augusta, GA

Mike Sullivan, Statewide Chief Planner  
SCDOT

Mark Pleasant, Director of Planning  
SCDOT

William Molnar, Executive Director  
Lower Savannah Council of Governments

Todd Price, District 2 Engineer  
GDOT

Ronald Price, Chief of Transportation  
Fort Gordon, GA

Kelly Gwin, Transportation Planning Engineer  
GDOT

Dana Luttrull, Transit Manager  
Lower Savannah Council of Government

Curtis Murphy, Supervisor Streets and Roads  
Town of New Ellenton, SC

Mike Jordan, Planning Director  
City of Aiken, SC

**NON-VOTING**

Yolanda Morris, Transportation Planner  
FHWA (SC)

Melinda Roberson, Project Delivery Teal Leader/  
FHWA (GA)

Cynthia VanDyke, State Transportation Planning  
Administrator, GDOT

Glenn Bowman, Environ Location Engineer,  
GDOT

Crystal Odum Ford, Transit Program Manager GDOT

Paul DeCamp, Deputy Director, APDD

Carletta Singleton, Strategic Planning Manager, APDD

Andy Crosson, Executive Director CSRA RDC

**CITIZENS ADVISORY COMMITTEE**

**VOTING**

Les Morton - Chairman, Richmond County

Wilbert Gallop - Vice-Chairman, Richmond County

Frank Plumley, Columbia County

Joe Collins, Columbia County

Russell Foster, Columbia County

Hafeez Chaudhry, Columbia County

Martin Cochran, City of North Augusta

Shirley Abney, Aiken County

## APPENDIX C



### Title VI Assurances

AUGUSTA GEORGIA (hereinafter referred to as the "Recipient"), HEREBY AGREES THAT as a condition to receiving any federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d—42 USC 2000d—4 (hereinafter referred to as the Act), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the Regulations), and other pertinent directives, to the end that in accordance with the Act, Regulations, and other pertinent directives, no person in the United States shall, on the grounds of race, color, sex, or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives federal financial assistance from the Department of Transportation, including the Federal Highway Administration, and HEREBY GIVES ASSURANCE THAT it will promptly take any measures necessary to effectuate this agreement. This Assurance is required by Subsection 21.7(a)(1) of the Regulations.

More specifically and without limiting the above general assurance, the Recipient hereby gives the following specific assurances to its Federal Aid Highway Program.

1. That the Recipient agrees that each "program" and each "facility" as defined in Subsections 21.23(e) and 21.23(b) of the Regulations, will be (with regard to a "program") conducted, or will be (with regard to a "facility") operated in compliance with all requirements imposed by, or pursuant to, the Regulations.
2. That the Recipient shall insert the following notification in all solicitations for bids for work or material subject to the Regulations made in connection with the Federal Aid Highway Program and in adapted form in all proposals for negotiated agreements:

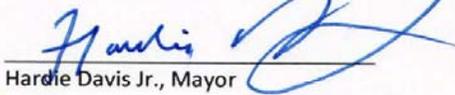
"Augusta Georgia in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d—42 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award."

3. That the Recipient shall insert the clauses of Appendix A of this Assurance in every contract subject to the Act and the Regulations.
4. That the Recipient shall insert the clause of Appendix B of this Assurance, as a covenant running with the land, in any deed from the United States effecting a transfer of real property, structures, or improvements thereon, or interest therein.
5. That where the Recipient receives federal financial assistance to construct a facility, or part of a facility, the Assurance shall extend to the entire facility and facilities operated in connection therewith.



6. That where the Recipient received federal financial assistance in the form, or for the acquisition of real property, or an interest in real property, the Assurance shall extend rights to space on, over, or under such property.
7. That the Recipient shall include the appropriate clauses set forth in Appendix C of this Assurance, as a covenant running with the land, in any future deeds, leases, permits, licenses, and similar agreements entered into by the Recipient with other parties: (a) for the subsequent transfer of real property acquired or improved under the Federal Aid Highway Program; and (b) for the construction or use of, or access to space on, over, or under, real property acquired or improved under the Federal Aid Highway Program.
8. That this Assurance obligates the Recipient for the period during which federal financial assistance is extended to the program, or is in the form of personal property, or real property or interest therein or structures or improvements thereon, in which case the Assurance obligates the Recipient or any transferee for the longer of the following periods: (a) the period during which the property is used for a purpose for which the federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or (b) the period during which the Recipient retains ownership or possession of the property.
9. The Recipient shall provide for such methods of administration for the program, as are found by the State Secretary of Transportation or the official to whom s/he delegates specific authority, to give reasonable guarantee that it, other recipients, sub-grantees, contractors, subcontractors, transferees, successors in interest, and other participants of federal financial assistance under such program will comply with all requirements imposed or pursuant to the Act, the Regulations, and this Assurance.
10. The Recipient agrees that the United States has a right to seek judicial endorsement with regard to any matter arising under the Act, the Regulations, and this Assurance.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all federal grants, loans, contracts, property, discounts or other federal financial assistance extended after the date hereof to the Recipient by the Department of Transportation under the Federal Aid Highway Program and is binding on it, other recipients, sub-grantees, contractors, subcontractors, transferees, successors in interest and other participants in the Federal Aid Highway Program. The person or persons whose signatures appear below are authorized to sign this Assurance on behalf of the Recipient.

  
Hardie Davis Jr., Mayor 06/22/2016  
Date

ACM  
6/21/16 Attachments: Appendices A, B and C.

## APPENDIX A

**The text below, in its entirety, is in all contracts entered into by AUGUSTA GEORGIA. All of the text except the final section, entitled "Incorporation of Provisions," should be included in any contract entered into by any AUGUSTA GEORGIA contractor.**

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor"), agree as follows:

### **1. Compliance with Regulations**

The Contractor shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the Department of Transportation (hereinafter referred to as DOT), Title 49, Code of Federal Regulations, part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

### **2. Nondiscrimination**

The Contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

### **3. Solicitations for Subcontracts, Including Procurement of Materials and Equipment**

In all solicitations either by competitive bidding or negotiations made by the Contractor for work to be performed under a subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this contract and the Regulations relative to nondiscrimination on the ground of race, color, sex, or national origin.

### **4. Information and Reports**

The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by Augusta Georgia or the Federal Highway Administration to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to Augusta Georgia, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

### **5. Sanctions for Noncompliance**

In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, Augusta Georgia shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding of payments to the Contractor under the contract until the Contractor complies; and/or

b. Cancellation, termination, or suspension of the contract, in whole or in part.

**6. Incorporation of Provisions**

The Contractor shall include the provisions of paragraphs (1) through (5) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

The Contractor shall take such action with respect to any subcontractor or procurement as Augusta Georgia or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request Augusta Georgia enter into such litigation to protect the interests of the state and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

## APPENDIX B

**The following clauses shall be included in any and all deeds affecting or recording the transfer of real property, structures, or improvements thereon, or interest therein from the United States.**

### **Granting Clause**

NOW, THEREFORE, Augusta Georgia—as authorized by law, and upon the condition that the state of Georgia will accept title to the lands and maintain the project constructed thereon, in accordance with and in compliance with Title 23, United States Code, the Regulations for the Administration of Federal Aid for Highways; the policies and procedures prescribed by the Federal Highway Administration of the Department of Transportation; and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation (hereinafter referred to as the Regulations) pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252: 42 USC 2000d to 2000d-4)—does hereby remise, release, quitclaim, and convey unto the state of Georgia all the right, title, and interest of AUGUSTA GEORGIA in and to said land described in Exhibit A attached hereto and made a part thereof.

### **Habendum Clause**

TO HAVE AND TO HOLD said lands and interests therein unto the state of Georgia, and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which the federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and shall be binding on the state of Georgia, its successors, and assigns.

The state of Georgia , in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree, as a covenant running with the land for itself, its successors and assigns, that (1) no person shall, on the grounds of race, color, sex, disability, national origin, age, or religion, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed\*, (2) that the state of Georgia shall use the lands, and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination of Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended, (3) that in the event of breach of any of the above mentioned nondiscrimination conditions, the agency shall have a right to reenter said lands and facilities on said land, and the above described land and facilities shall thereon revert to and vest in, and become the absolute property of, AUGUSTA GEORGIA and its assigns as such interest existed prior to this instruction.<sup>1</sup>

## APPENDIX C

### **The following clauses shall be included in all deeds, licenses, leases, permits, or similar instruments entered into by AUGUSTA GEORGIA pursuant to the provisions of Assurance 7.**

The LESSEE, for himself or herself, his or her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land, that in the event facilities are constructed, maintained, or otherwise operated on the said property described in this lease, for a purpose for which AUGUSTA GEORGIA program or activity is extended, or for another purpose involving the provision of similar services or benefits, the LESSEE shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964, as said Regulations may be amended.

That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to terminate the lease, and to reenter and repossess said land and the facilities thereon, and hold the same as if said lease had never been made or issued.

### **The following shall be included in all deeds, licenses, leases, permits, or similar agreements entered into by AUGUSTA GEORGIA pursuant to the provisions of Assurance 7.**

The LESSEE, for himself or herself, his or her personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant, and agree as a covenant running with the land, that (1) no person, on the grounds of race, color, sex, or national origin, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land and furnishing of services thereon, no person on the grounds of race, color, sex, and national origin shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the LESSEE shall use the premises in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation— Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to terminate the [license, lease, permit, etc.] and to reenter and repossess said land and the facilities thereon, and hold the same as if said [license, lease, permit, etc.] had never been made or issued.

\*[Include in deeds subject to a reverter clause]

That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to reenter said land and facilities there-on, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of the STATE and its assigns.

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<sup>1</sup> Reverter Clause and related language to be used only when it is determined that such a clause is necessary in order to effectuate the purpose of Title VI of Civil Rights Act of 1964.

APPENDIX C



**AUGUSTA, GEORGIA**

**Title VI Self-Survey: 2016**  
YEAR

Survey Date: June 21, 2016

Name of Program/Grant: FHWA-PL Funds Augusta Planning and Development Department (ARTS MPO)

**Summary of Complaints:**

Number of complaints for the past year: 0

Number of complaints voluntarily resolved: 0

Number of complaints currently unresolved: 0

Attach a summary of any type of complaint and provide: None

- Name of complainant
- Race
- Charge
- Findings
- Corrective Action
- Identify any policy/procedure changes required as a result of the complaint
- Provide the date history (date complaint received through resolution)

**Distribution of Title VI Information:**

Are new employees made aware of Title VI responsibilities pertaining to their specific duties?

Yes X No \_\_\_\_\_

Do new employees receive this information via employee orientation?

Yes X No \_\_\_\_\_

Is Title VI information provided to all employees and program applicants?

Yes X No \_\_\_\_\_

Is Title VI information prominently displayed in the organization and on any program materials distributed?

Yes X No \_\_\_\_\_

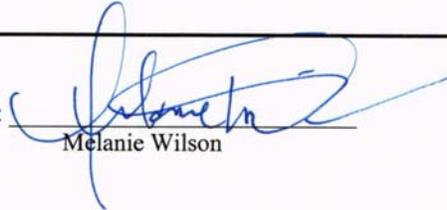


Identify any improvements you plan to implement before the next self-survey to better support Title VI communication to employees and program applicants.

Augusta Planning and Development Department (APDD) staff will continue to seek training through workshops, courses and webinars sponsored by Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). The APDD staff will update ARTS Public Participation Plan to include successful public engagement and outreach tools that target persons With limited English proficiency. The APDD will begin coordinating with local and regional libraries to place ARTS plans and documents in its list of periodicals. All ARTS documents, plans and programs will be made available in multiple languages upon request. ARTS Citizen Advisory Committee (CAC) established a sub-committee to advise CAC, with representation from organizations serving veterans, disabled persons, rural transportation, and private transportation operators.

Identify any problems encountered with Title VI compliance.

None

Signature:   
Melanie Wilson

Title: Director/ARTS Project Director

Date: 6/21/16

Return to: Augusta-Richmond County  
Office of Administrator  
535 Telfair Street, Suite 910  
Augusta, GA. 30901  
Phone: (706)821-2400  
Fax: (706)821-2819

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**Figure 1: Funding FY 2017**

FIGURE 1 ARTS UPWP, FY 2017 WORK ELEMENTS BY FUNDING SOURCE	AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT								AUGUSTA PUBLIC TRANSIT		AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)				TOTAL		
	FHWA		APDD		FTA		SEC 5303	SEC 5303	SEC 5307	FTA	FHWA		FTA		SEC 5303	SEC 5303		FTA	SEC 5307
	GA PL	MATCH	SC PL	MATCH	FUNDS	MATCH	GA STATE	APDD	APT	SEC 5307	SC PL	MATCH	SC PL	MATCH	LSCOG	LSCOG		FUNDS	MATCH
1.1 Program Coordination/Administration	\$36,000	\$9,000	\$6,000	\$1,500	\$0.00	\$0	\$0	\$0	\$0	\$0	\$43,600	\$10,900	\$3,000.00	\$750	\$0.00	\$0	\$	110,750	
1.2 Training/Employee Education	\$8,000	\$2,000	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$4,800	\$1,200	\$4,000.00	\$1,000	\$0.00	\$0	\$	21,000	
1.3 UPWP	\$2,960	\$740	\$800	\$200	\$8,000.00	\$1,000	\$1,000	\$0	\$0	\$0	\$2,000	\$500	\$3,000.00	\$750	\$0.00	\$0	\$	20,950	
<b>Subtotal: Program Administration</b>	<b>\$46,960</b>	<b>\$11,740</b>	<b>\$6,800</b>	<b>\$1,700</b>	<b>\$8,000.00</b>	<b>\$1,000</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,400</b>	<b>\$12,600</b>	<b>\$10,000.00</b>	<b>\$2,500</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$</b>	<b>152,700</b>	
2.1 Community Outreach / Education	\$40,000	\$10,000	\$2,000	\$500	\$6,400.00	\$800	\$800	\$0	\$0	\$0	\$4,400	\$1,100	\$1,600.00	\$400	\$0.00	\$0	\$	68,000	
<b>Subtotal: Public Involvement</b>	<b>\$40,000</b>	<b>\$10,000</b>	<b>\$2,000</b>	<b>\$500</b>	<b>\$6,400.00</b>	<b>\$800</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,400</b>	<b>\$1,100</b>	<b>\$1,600.00</b>	<b>\$400</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$</b>	<b>68,000</b>	
3.1 Environmental Justice & Socioeconomic Data	\$6,960	\$1,740	\$1,200	\$300	\$0.00	\$0	\$0	\$0	\$0	\$0	\$5,200	\$1,300	\$0.00	\$0	\$0.00	\$0	\$	16,700	
3.2 Land Use Monitoring	\$8,000	\$2,000	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$3,200	\$800	\$0.00	\$0	\$0.00	\$0	\$	14,000	
3.3 Transportation Surveys, Models & Analysis	\$12,168	\$3,042	\$400	\$100	\$0.00	\$0	\$0	\$0	\$0	\$0	\$3,600	\$900	\$0.00	\$0	\$0.00	\$0	\$	20,210	
3.4 Environmental Justice / Title VI	\$0	\$0	\$0	\$0	\$4,800.00	\$600	\$600	\$0	\$0	\$0	\$0	\$0	\$1,000.00	\$250	\$0.00	\$0	\$	7,250	
3.5 GIS Development & Applications	\$40,132	\$10,033	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$40,000	\$10,000	\$1,500.00	\$375	\$0.00	\$0	\$	102,040	
<b>Subtotal: Data Collection</b>	<b>\$67,260</b>	<b>\$16,815</b>	<b>\$1,600</b>	<b>\$400</b>	<b>\$4,800.00</b>	<b>\$600</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$13,000</b>	<b>\$2,500.00</b>	<b>\$625</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$</b>	<b>160,200</b>	
4.1 Long Range Plan	\$40,468	\$10,117	\$800	\$200	\$3,200.00	\$400	\$400	\$0	\$0	\$0	\$3,200	\$800	\$0.00	\$0	\$0.00	\$0	\$	59,585	
4.1.1 Performance Based Planning	\$18,400	\$4,600	\$0	\$0	\$4,000.00	\$500	\$500	\$0	\$0	\$0	\$4,000	\$1,000	\$0.00	\$0	\$0.00	\$0	\$	33,000	
4.2 Congestion Management	\$16,000	\$4,000	\$800	\$200	\$23,822.60	\$2,978	\$2,978	\$0	\$0	\$0	\$2,240	\$560	\$0.00	\$0	\$0.00	\$0	\$	53,578	
4.2.1 Air Quality Issues	\$2,000	\$500	\$1,600	\$400	\$0.00	\$0	\$0	\$0	\$0	\$0	\$3,600	\$900	\$0.00	\$0	\$0.00	\$0	\$	9,000	
4.3 Public Transit / Paratransit																			
4.3.1 Program Admin - APT	\$0	\$0	\$0	\$0	\$79,635.00	\$9,954	\$9,954	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0.00	\$0	\$	99,544	
4.3.2 Management & Operations - APT	\$0	\$0	\$0	\$0	\$8,000.00	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0.00	\$0	\$	10,000	
4.3.2.1 Management & Operations - APT - COA	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$21,250	\$85,000	\$0	\$0	\$0	\$0.00	\$0	\$0.00	\$0	\$	106,250	
4.3.3 Program Admin - ACT	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000.00	\$1,750	\$0.00	\$0	\$	8,750	
4.3.4 Transit Project Admin - SC	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,400.00	\$1,100	\$0.00	\$0	\$	5,500	
4.3.5 Update of Complementary Paratransit Plan	\$0	\$0	\$0	\$0	\$3,200.00	\$400	\$400	\$0	\$0	\$0	\$0	\$0	\$1,000.00	\$250	\$0.00	\$0	\$	5,250	
4.3.6 Marketing / Public Information - SC	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000.00	\$250	\$0.00	\$0	\$	1,250	
4.3.7 Short Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000.00	\$2,250	\$0.00	\$0	\$	11,250	
4.3.8 Long Range Transit Planning	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000.00	\$1,000	\$0.00	\$0	\$	5,000	
4.3.9 Transit Financial Planning - SC	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000.00	\$1,000	\$0.00	\$0	\$	5,000	
4.4 Intermodal Planning	\$5,600	\$1,400	\$400	\$100	\$4,800.00	\$600	\$600	\$0	\$0	\$0	\$1,600	\$400	\$0.00	\$0	\$0.00	\$0	\$	15,500	
4.5 Special Transportation Studies	\$100,000	\$25,000	\$2,400	\$600	\$0.00	\$0	\$0	\$0	\$0	\$0	\$40,000	\$10,000	\$0.00	\$0	\$0.00	\$0	\$	178,000	
4.5.1 Special Transportation Studies - SC-19 S Corridor	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$280,000	\$70,000	\$0.00	\$0	\$0.00	\$0	\$	350,000	
4.5.2 Special Transportation Studies - LSCOG - TDP	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$72,200.00	\$18,050	\$	90,250	
<b>SUBTOTAL: System Planning</b>	<b>\$182,468</b>	<b>\$45,617</b>	<b>\$6,000</b>	<b>\$1,500</b>	<b>\$126,657.60</b>	<b>\$15,832</b>	<b>\$15,832</b>	<b>\$21,250</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$334,640</b>	<b>\$83,660</b>	<b>\$30,400.00</b>	<b>\$7,600</b>	<b>\$72,200.00</b>	<b>\$18,050</b>	<b>\$</b>	<b>1,046,707</b>	
5.1 Transportation Improvement Program	\$20,800	\$5,200	\$1,600	\$400	\$16,000.00	\$2,000	\$2,000	\$0	\$0	\$0	\$3,600	\$900	\$2,500.00	\$625	\$0.00	\$0	\$	55,625	
<b>SUBTOTAL: Transportation Improvement Program</b>	<b>\$20,800</b>	<b>\$5,200</b>	<b>\$1,600</b>	<b>\$400</b>	<b>\$16,000.00</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,600</b>	<b>\$900</b>	<b>\$2,500.00</b>	<b>\$625</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$</b>	<b>55,625</b>	
<b>GRAND TOTAL</b>	<b>\$357,488</b>	<b>\$89,372</b>	<b>\$18,000</b>	<b>\$4,500</b>	<b>\$161,857.60</b>	<b>\$20,232</b>	<b>\$20,232</b>	<b>\$21,250</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$445,040</b>	<b>\$111,260</b>	<b>\$47,000.00</b>	<b>\$11,750</b>	<b>\$72,200.00</b>	<b>\$18,050</b>	<b>\$</b>	<b>1,483,232</b>	
4.6 Unfunded - Augusta-Richmond County Corridor Planning	\$640,000	\$160,000	\$0	\$0	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0	\$0.00	\$0	\$	800,000	
<b>SUBTOTAL: Unfunded</b>	<b>\$640,000</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,000</b>	<b>\$1,000</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$0.00</b>	<b>\$0</b>	<b>\$</b>	<b>800,000</b>	



**Figure 3: Planning Focus Area Matrix**

**FIGURE 3 FY 2017 UPWP**

**PLANNING WORK ELEMENTS**

**Planning Focus Area Matrix**

**PROGRAM ADMINISTRATION & IMPLEMENTATION**

- 1.1 Program Coordination/Administration
- 1.2 Training/Employee Education
- 1.3 UPWP

**PUBLIC INVOLVEMENT**

- 2.1 Community Outreach / Education

**DATA COLLECTION**

- 3.1 Environmental Justice & Socioeconomic Data
- 3.2 Land Use Monitoring
- 3.3 Transportation Surveys, Models & Analysis
- 3.4 Environmental Justice / Title VI
- 3.5 GIS Development & Applications

**SYSTEM PLANNING**

- 4.1 Long Range Plan
- 4.1.1 Performance Measures
- 4.2 Congestion Management
- 4.2.1 Air Quality Issues
- 4.3 Transit / Paratransit
- 4.3.1 Program Admin - APT
- 4.3.2 Management & Operations - APT
- 4.3.3 Program Admin - ACT
- 4.3.4 Transit Project Admin - SC
- 4.3.5 Update of Complementary Paratransit Plan
- 4.3.6 Marketing / Pubic Information - SC
- 4.3.7 Short Range Transit Planning - SC
- 4.3.8 Long Range Transit Planning - SC
- 4.3.9 Transit Financial Planning - SC
- 4.4 Intermodal Planning
- 4.5 Special Transportation Studies
- 4.6 Unfunded - Augusta-Richmond County Corridor Planning

**TRANSPORTATION IMPROVEMENT PROGRAM**

- 5.1 Transportation Improvement Program

	1	2	3	4	5	6	7	8	9	10	11
1.1 Program Coordination/Administration				X			X	X	X	X	X
1.2 Training/Employee Education				X				X			
1.3 UPWP	X							X	X	X	
2.1 Community Outreach / Education				X	X	X	X	X			
3.1 Environmental Justice & Socioeconomic Data										X	X
3.2 Land Use Monitoring		X			X	X		X		X	X
3.3 Transportation Surveys, Models & Analysis		X			X	X		X		X	X
3.4 Environmental Justice / Title VI								X		X	
3.5 GIS Development & Applications										X	
4.1 Long Range Plan	X	X	X	X	X	X	X	X	X	X	X
4.1.1 Performance Measures	X			X	X	X	X	X	X	X	X
4.2 Congestion Management	X		X		X	X	X		X		
4.2.1 Air Quality Issues			X					X			X
4.3 Transit / Paratransit	X			X				X		X	X
4.3.1 Program Admin - APT	X			X				X		X	X
4.3.2 Management & Operations - APT	X			X						X	X
4.3.3 Program Admin - ACT				X				X		X	X
4.3.4 Transit Project Admin - SC				X						X	X
4.3.5 Update of Complementary Paratransit Plan	X			X				X		X	X
4.3.6 Marketing / Pubic Information - SC										X	X
4.3.7 Short Range Transit Planning - SC	X									X	X
4.3.8 Long Range Transit Planning - SC	X							X		X	X
4.3.9 Transit Financial Planning - SC				X				X		X	X
4.4 Intermodal Planning	X		X		X	X	X				X
4.5 Special Transportation Studies	X	X	X	X	X	X	X	X	X	X	X
4.6 Unfunded - Augusta-Richmond County Corridor Planning	X	X	X	X	X	X	X	X	X	X	X
5.1 Transportation Improvement Program										X	X

**Planning Focus Areas**

- 1 Improving transportation system resiliency and reliability
- 2 Reducing (or mitigating) the stormwater impacts of surface transportation
- 3 Enhancing travel and tourism
- 4 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- 5 Increase the safety of the transportation system for motorized and non-motorized users;
- 6 Increase the security of the transportation system for motorized and non-motorized users;
- 7 Increase the accessibility and mobility of people and for freight;
- 8 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;
- 9 Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- 10 Promote efficient system management and operation; and
- 11 Emphasize the preservation of the existing transportation system.

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