



FISCAL YEAR 2018 Unified Planning Work Program

FOR THE AUGUSTA REGIONAL TRANSPORTATION STUDY



Prepared By:

Augusta Planning and Development Department
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In Cooperation With:

Aiken County Planning and Development Department,
Augusta Public Transit Department
Lower Savannah Council of Governments,
Georgia Department Of Transportation and
South Carolina Department Of Transportation



September 14, 2017



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**FISCAL YEAR 2018
UNIFIED PLANNING WORK PROGRAM
FOR THE
AUGUSTA REGIONAL TRANSPORTATION STUDY**

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

**IN COOPERATION WITH:
AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,
GEORGIA DEPARTMENT OF TRANSPORTATION,
AND THE
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
SERVICING**

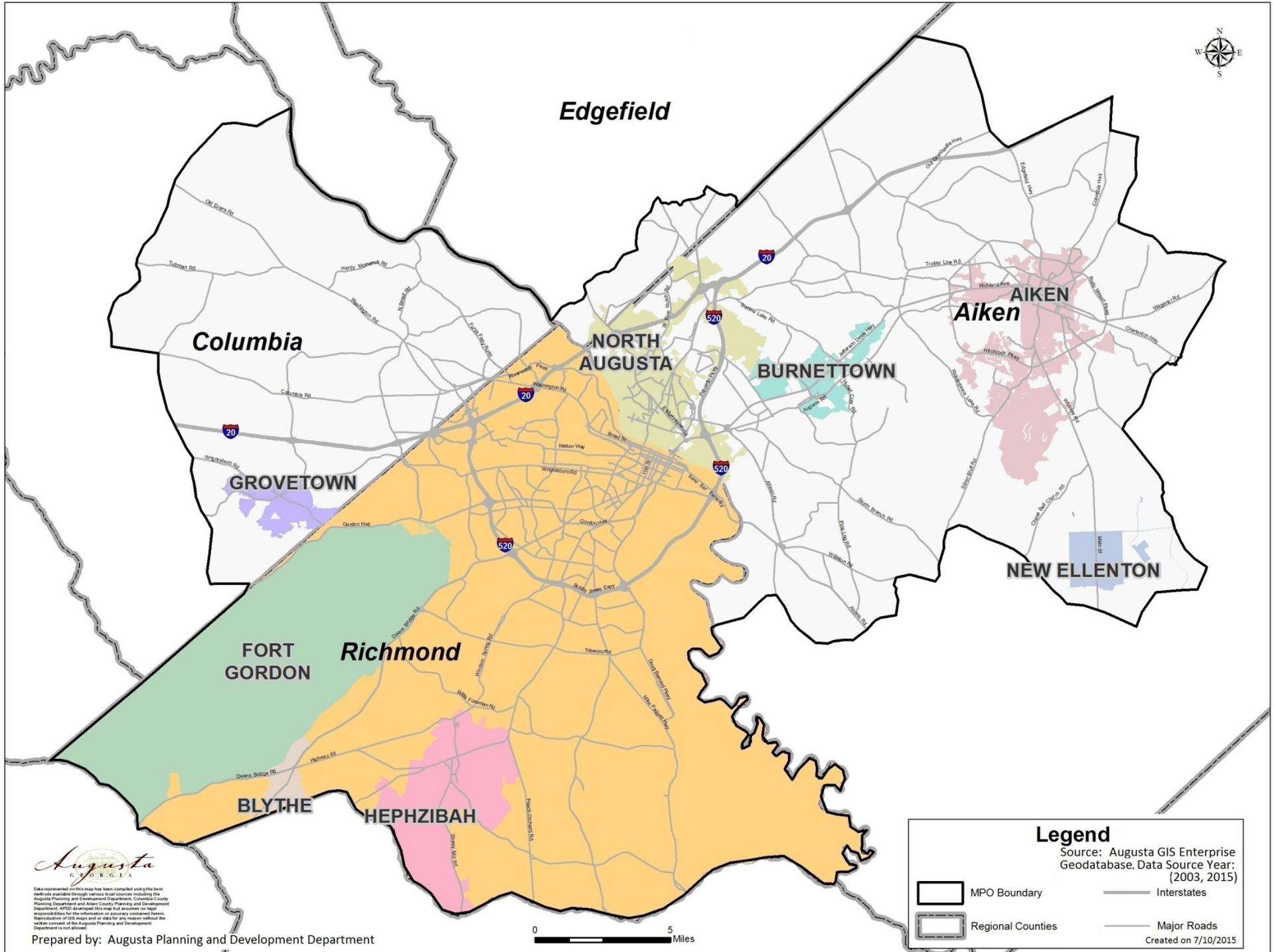
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AUGUSTA PUBLIC TRANSIT, CITY OF NORTH AUGUSTA, SC, CITY OF AIKEN, SC, AIKEN
COUNTY, SC,
TOWN OF BURNETTOWN, SC, TOWN OF NEW ELLENTON, EDGEFIELD COUNTY, SC, BEST
FRIENDS EXPRESS, AND LOWER SAVANNAH COUNCIL OF GOVERNMENT**

**Final
September 14, 2017**

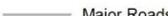
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ARTS MPO BOUNDARY



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 Augusta Planning and Development Department, Columbia County Planning Department and Aiken County Planning and Development Department. APDD 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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AUGUSTA REGIONAL TRANSPORTATION STUDY

RESOLUTION OF THE POLICY COMMITTEE

ADOPTION OF THE FY 2018 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 approves and adopts the final Fiscal Year 2018 Unified Planning Work Program.

Adopted by vote in an open meeting this 14th day of September 2017.



Ron Cross, Chairman
Augusta Regional Transportation Study
Policy Committee

AUGUSTA REGIONAL TRANSPORTATION STUDY

RESOLUTION OF THE POLICY COMMITTEE

ADOPTION OF POLICY TO AMEND THE 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;

WHEREAS, the Unified Planning Work Program The adopted UPWP may also need to be changed as funding estimates are finalized, new projects need to be incorporated, existing project timelines are revised or other item impacts the work program;

WHEREAS, changes to the UPWP involving GDOT, FHWA and FTA funds shall consist of two types: amendments or modifications to implement changes to this program. Amendments are any changes that result in altered work activities, require modifying funding (increase or decrease work element budget) and or budget between tasks of more than 15%, new transportation planning projects, modify existing timelines for work activities; and

WHEREAS, MPO Project Director may perform all other changes as an administrative modification in consultation and approval by GDOT, SCDOT, FHWA and FTA, and

NOW THEREFORE BE IT RESOLVED, amendments shall follow the same ARTS MPO Committee review, approval and adoption process as the adoption of the initial UPWP adoption.

BE IT FURTHER RESOLVED, that the ARTS Policy Committee hereby approves and adopts this policy to amend or modify the annual Unified Planning Work Program.

Adopted by vote in an open meeting this

14th day of September 2017.



Ron Cross, Chairman
Augusta Regional Transportation Study
Policy Committee

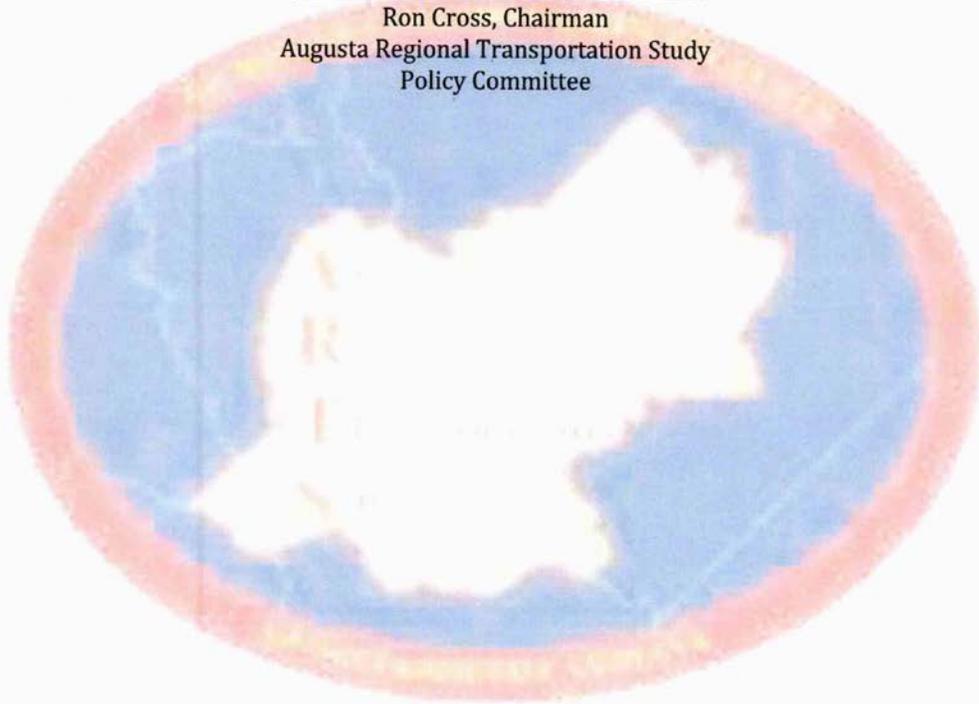


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List of Acronyms

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
MTP	Metropolitan Transportation Plan
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
TA	Transportation Alternatives (TA set-aside)
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 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 for Fiscal Year FY-2018 (July 1 – June 30). The appendix includes a copy of the Memorandum of Understanding (MOU) for the MPO, a list of the members of the ARTS committees, and a summary of the UPWP budget.

Work elements, tasks, activities, programs and projects are categorized in the following functional areas: Program Administration, Public Involvement, Transportation Data Collection and Analysis, Transportation System Planning, and Transportation Improvement Program. Special emphasis will be placed on performance based planning, congestion management process update, project prioritization tool update, stakeholder involvement for freight, safety and security coordination, developing a regional transportation system database, monitoring and updating socio-economic and land use data, annual demographic and growth trends report; updating the regional land use geographic information system (GIS) mapping database; corridor/area planning, developing a framework to identify needs and coordinate stakeholders relative to coordinated human services transportation; enhance public transit planning for fixed route bus, paratransit demand response and enhance mobility for seniors and persons with disabilities; and other regional 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 – Richmond, 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, Moving Ahead for Progress in the 21st Century (MAP-21) was enacted reauthorizing federal-aid surface transportation programs through fiscal year 2014. Subsequently, the Fixing America’s Surface Transportation (FAST) Act passed on December 4, 2015 (Pub. L. No. 114-94) reauthorized federal- aid funding, and regulations for the metropolitan transportation planning process.

The FAST Act builds upon MAP-21 by streamlining the federal surface transportation project delivery process, performance-based planning, intermodal and freight movement, multimodal and address challenges facing the transportation system, including improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system, protecting the environment, and reducing delays in project delivery. Project delivery focus on four general categories to achieve streamlining:

- 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 the planning process consider projects/strategies to improve the resilience and reliability of the transportation system, stormwater mitigation, and enhance travel and tourism. This UPWP has been developed in accordance with the FAST Act and MAP-21 regulations and guidelines.

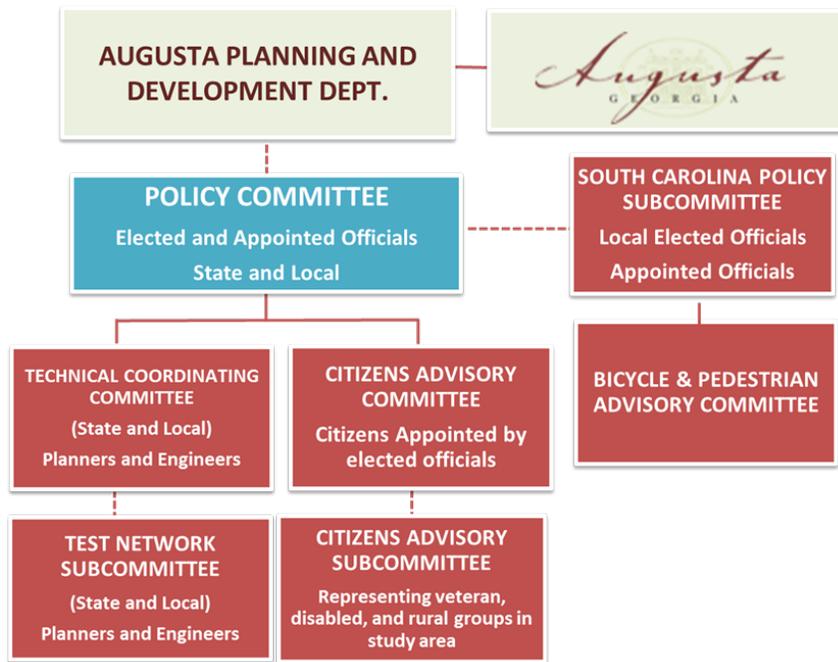
In keeping with the original federal mandate, the ARTS metropolitan transportation planning process is cooperative, continuous, and comprehensive. The ARTS MPO planning process is cooperative because it brings together local elected officials, state and federal transportation personnel, citizens, and 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 metropolitan planning area includes the urbanized area of the Augusta Richmond County Georgia – Aiken County South Carolina Metropolitan Statistical Area (MSA), as defined by the U. S. Bureau of Census, and the area expected to be urbanized over the next twenty years. The study area includes Richmond Co. and the urbanized area of Columbia Co. in Georgia; the Fort Gordon Military Base; and the urbanized area of Aiken and Edgefield Counties in South Carolina. Incorporated places within the study area include four (4) cities in Georgia; Augusta, Hephzibah, Blythe and Grovetown; and four (4) cities in South Carolina: Aiken, North Augusta, Burnetown and New Ellenton. The study area boundaries reflecting regional growth based on the 2010 Decennial Census were modified and adopted by the Policy Committee on March 7, 2013.

3. Organization

a. ARTS Committees

Figure 1: ARTS Organization



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 ARTS Project Director, Director of the Augusta Public Transit Department, 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 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). A Technical Coordinating Committee and Bicycle Pedestrian Advisory Committee support the South Carolina Policy Subcommittee.

The Technical Coordinating Committee (TCC) meets quarterly, before the Citizens Advisory Committee, and is responsible for completing all technical work related to the ARTS planning process, short-range and long-range transportation projects and programs. The TCC reviews and evaluate all transportation planning studies, programs and projects for planning and engineering requirements based on federal regulations, guidelines and best practices. With this information, it 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 established through the ARTS TCC By-Laws Article IV Section 4, "A subcommittee structure shall be used as appropriate to bring technical matters to the full committee". It is comprised of local county and city engineers, Augusta Public Transit, Lower Savannah Council of Government, GDOT, SCDOT and chair of the citizen committee. They provide detail information on projects, scope of work, cost, their status and any changes, and provide their recommendations to the TCC. The committee also makes recommendations to address consideration for safety, maintenance, and bicycle and/or pedestrian improvements.

The Citizens Advisory Committee (CAC) meets quarterly, 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 planning area. The role of the CAC is crucial to the success of the ARTS transportation planning process. In FY 2016, the CAC updated its by-laws to include a standing committee representative of its members to focus on transportation alternatives for elderly, persons with disabilities, veterans and other interested stakeholders to enhance mobility.

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 up-to-date on information pertaining to plans, programs and projects. This information is disseminated in a timely fashion to interested stakeholders, citizens and media. The committee is comprised of federal and state representatives

(non-voting) and locally elected officials (voting) with meetings held quarterly or on an as needed basis. The South Carolina Policy Subcommittee is advised by a Transportation Coordinating Committee and Bicycle and Pedestrian Advisory Committee.

The SC ARTS Bicycle and Pedestrian Committee (BPAC) was formed in June 2013, and its mission is to advise SC ARTS and the County and Local Jurisdictions on implementation of the Urbanized Aiken County Bicycle and Pedestrian Plan and other opportunities to promote safe bicycling and walking in Aiken County. Since its formation, the BPAC has advised the SC TCC and the SC ARTS Subcommittee in pursuing several proposed projects listed in the Plan. Those projects are pending approval by SCDOT. APDD is currently developing a service map of existing + completed bicycle and pedestrian path and facilities to determine connectivity gaps and to develop a service map in the region.

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 APDD's staff, representatives 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.

1. 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 MPA identified as a priority by the public. The UPWP will focus on implementing transportation strategies in the 2040 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.

The 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 the 2040 LRTP Goals and FHWA Planning Emphasis Areas:

Congestion Management Process (CMP) – Monitoring traffic congestion and improving the efficiency of the existing transportation network is important to regional travel in the study area. Beginning in FY 2016 and in FY 2017, ARTS developed a staff report – Assessment of Congestion Management Process identifying best practices based on FHWA federal guidelines. During FY 2018, ARTS staff will procure professional consultant(s) to update the CMP to align with federal guidelines for congestion management and performance based planning. ARTS staff will continue to work with regional planners, engineers, other transportation interest groups in ongoing efforts of traffic safety, accident, travel count and travel time data collection and GIS spatial analysis; and enhance efforts to move towards advance corridor planning on regional congested corridors prior to projects moving from the LRTP into 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 public and increase public participation in the transportation planning process. During FY 2017, the MPO updated the Public Participation Plan to enhance outreach efforts, align with SCDOT 21-day public comment period, developed guidelines for amendments and administrative modifications, and to include a process for amending the necessary planning documents when public and stakeholder comments differ from what went out for public comment 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. As a marketing outreach strategy, ARTS's staff coordinated outreach efforts with the Community Outreach Officer for the City of Augusta's Utilities Dept. to do social media outreach and community announcements with local media outlets. ARTS's staff continue to utilize GoToMeeting for all committee meetings and evolve this tool for us during public meetings where meeting facilities have access to this technology.

ARTS also worked with Aiken County Planning and Development Dept., Augusta Public Transit Department and Aiken County Transit – Lower Savannah Council of Government with community outreach efforts for their Special Studies – Whiskey Road Corridor Study, Comprehensive Operations Analysis for APT and the Transit Development Plan for Best Friends Express by LSCOG.

In preparation for the TMA Certification Review conducted by FHWA and FTA, ARTS developed an informational video on the ARTS MPO area highlighting growth and development, transportation projects and regional cooperation across the bi-state MPO urbanized area.

As part of Title VI Plan update, the ARTS planning staff performed annual updates to the data analysis for Environmental Justice (EJ) monitoring report. 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.

During FY 2018, these activities will continually be implemented and evaluated for effectiveness, refined and enhance as part of the public participation process. The ARTS staff will update the Participation Plan to address recommendations from the 2016 Certification Review. The ARTS website features an interactive GIS map of TIP and LRTP projects and programs where the public can review and submit comments. This has proven very effective during public review and comment period for amendments to the LRTP and TIP as well as during project development and preliminary engineering. The website will be redesigned to be more user friendly with timely updates.

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 was a priority in FY 2017. During FY 2017, the ARTS transportation planning staff secured FTA Section 5310 funds and performed grant administration for these funds to support mobility management and enhance transit service provided by APT and LSCOG. This will keep federal transit funds from lapsing and support regional transit improvements.

During FY 2018, ARTS staff will continue ongoing FTA grant administration for Section 5310, provide technical support to the TCA, and assist APT with developing an implementation strategy for transit service improvements identified in COA, transit asset management, monitor transit ridership and service operation data to develop performance measures and target setting. ARTS will also work with APT, LSCOG and Central Savannah River Area – Agency on Aging to address transit issues for the elderly and persons with disabilities by developing a Coordinated Human Services Transportation Framework.

Coordinating Land Use and Transportation – Coordinating land use and transportation improvements is important given expected regional development patterns. In FY 2017, ARTS continued to collect certificate of occupancy for residential and commercial development to track land development and update the GIS spatial analysis and map. ARTS will continue these tasks and work with Aiken County, Edgefield County and Columbia County and other cities to improve data collection, analysis and reporting. This data analysis is part of the Regional Transportation System GIS Database. ARTS will continue efforts to develop an Annual Growth Trends Report to support socio-economic demographic data updates for travel modelling.

In FY 2018, 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 redevelopment 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 a long-term problem to improve traffic safety. ARTS staff will continue to work with members of the technical coordinating committee (TCC) and policy committee as well as chambers of commerce to identify key stakeholders from railroad companies, trucking, other freight interest groups and large industries to encourage participation in the metropolitan planning process.

2. Other Planning Studies Underway or Recently Completed

Below, is a list of the metropolitan transportation planning studies either recently completed, underway or anticipated within the next 12-18 months.

RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA		
NAME	DESCRIPTION	DATE COMPLETED/ADOPTED
Comprehensive Operations Analysis by APT	Transit system routes operations analysis to improve service through travel time, direct routes and other improvements.	Completed FY 2017
Update ARTS Participation Plan	Enhance outreach tools through social media, coordinate with Community Outreach Officer, align with SCDOT public involvement process, and strengthen Title VI outreach efforts.	Ongoing as needed
Congestion Management Plan	Assessment of CMP, data collection, analysis of gaps.	Completed FY 2017
Transit Development Plan	Lower Savannah Council of Government is conducting a Transit Development Plan started April 2016 to June 2017.	Ongoing Completion Date: June 30, 2017
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	Expected completion June 30, 2017

3. 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 2018 UPWP Work Element.

LRTP 2040 Goal 2.2.1.1 - Congestion	MPO Planning factor	FY 2018 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"> Promote street networks that reduce travel delays and congestion. 	Enhancing travel and tourism.	
<ul style="list-style-type: none"> 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 	Promote efficient system management and operation.	
<ul style="list-style-type: none"> 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. 	Emphasize the preservation of the existing transportation system.	

L RTP 2040 Goal 2.2.1.2 - Mobility, Accessibility and Connectivity	MPO Planning factor	FY 2018 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.	3.4 Environmental Justice/Title VI (44.27.00)
Objectives:	Enhancing travel and tourism.	4.1 Long Range Plan
<ul style="list-style-type: none"> • Provide a plan, which addresses the needs of the local freight industry and the intermodal movement of goods via rail and truck. 	Increase the accessibility and mobility of people and for freight.	4.3 Public Transit/Paratransit
<ul style="list-style-type: none"> • Promote revitalization of the urban core through improved accessibility and connectivity. 	Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.	4.4 Intermodal Planning (44.23.01)
<ul style="list-style-type: none"> • Provide a plan that positions public transportation as a viable alternative to single occupant vehicles, through routing and scheduling changes and other system improvements. 	Promote efficient system management and operation.	4.5 Special Transportation Studies
<ul style="list-style-type: none"> • Provide a plan that addresses the mobility considerations of non-motorized modes such as bicycles and pedestrians. 	Emphasize the preservation of the existing transportation system.	5.1 Transportation Improvement Program (44.25.00)

LRTP 2040 Goal 2.2.1.3 - Safety and Security	MPO Planning factor	FY 2018 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"> • Improve safety for all users of the transportation network including motorized vehicles, bicyclists, pedestrians and those with disabilities. 		
<ul style="list-style-type: none"> • Improve transportation network security benefitting all users. 		
<ul style="list-style-type: none"> • Develop a plan that coordinates safety improvements with planning initiatives. 		

LRTP 2040 Goal 2.2.1.4 - Maintenance, System Preservation and Operational Efficiency	MPO Planning factor	FY 2018 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"> • Provide a plan that realizes the importance of maintaining and preserving the existing highway system and facilities. 	Emphasize the preservation of the existing transportation system.	
<ul style="list-style-type: none"> • Provide a plan that strengthens the maintenance and preservation of existing bridges and facilities. 		
<ul style="list-style-type: none"> • Provide public transit service improvements as a viable option to meet daily travel needs. 		

L RTP 2040 Goal 2.2.1.5 - Economic Vitality and Environmental Stewardship	MPO Planning factor	FY 2018 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"> • Provide a plan that increases job accessibility through improved transportation systems. 	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"> • Provide a plan that strives to minimize disruption or displacement of residential or commercial areas from restructured or new transportation facilities. 		4.5 Special Transportation Studies
<ul style="list-style-type: none"> • 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. 		5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> • Provide a plan to enhance the appearance of transportation facilities whenever possible. 		
<ul style="list-style-type: none"> • Provide a plan that reduces mobile emissions and meets air quality standards. 		
<ul style="list-style-type: none"> • Provide a plan that promotes strategies to reduce mobile source emissions in an effort to improve air quality. 		

L RTP 2040 Goal 2.2.1.6 - Land Use and Transportation Integration	MPO Planning factor	FY 2018 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"> Promote orderly development of the region by providing transportation services to those areas where growth is planned. 	Reducing (or mitigating) the stormwater impacts of surface transportation.	3.3 Transportation Survey, Model and Analysis
<ul style="list-style-type: none"> Discourage development in conservation or preservation areas by limiting access to those areas. 	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"> Promote redevelopment of the urban fringe through improved accessibility 		4.1 Long Range Plan (44.23.01)
<ul style="list-style-type: none"> Promote the concentration of future employment and other activity centers along existing and planned major travel corridors. 	Promote efficient system management and operation.	4.5 Special Transportation Studies
<ul style="list-style-type: none"> Protect adequate right-of-ways in newly developing and redeveloping areas for pedestrian, bicycle, transit, and roadway facilities. 	Emphasize the preservation of the existing transportation system.	5.1 Transportation Improvement Program (44.25.00)
<ul style="list-style-type: none"> Promote new developments that provide efficient, balanced movement of pedestrian, bicyclists, busses and motor vehicles within, to and through the area. 		
<ul style="list-style-type: none"> Preserve and enhance the natural and built environments through context sensitive solutions that exercise flexibility and creativity to shape effective transportation solutions. 		

LRTP 2040 Goal 2.2.1.7 - Financial Feasibility	MPO Planning factor	FY 2018 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"> Provide a financially balanced plan based on realistic funding availability and opportunities. 		
<ul style="list-style-type: none"> Provide a plan that works to preserve existing facilities and operate them more efficiently. 	Promote efficient system management and operation.	
<ul style="list-style-type: none"> Prepare a plan where total benefits exceed costs. 	Emphasize the preservation of the existing transportation system.	
<ul style="list-style-type: none"> Provide a plan that includes public participation from all groups, with special emphasis in reaching environmental justice populations. 		

4. 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 those identified in MAP-21 including improving transportation system resiliency and reliability, reducing (or mitigating) the stormwater impacts of surface transportation, and enhancing travel and tourism. The complete list of 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, reducing (or mitigating) the stormwater impacts of surface transportation; and
10. Enhancing travel and tourism.

5. 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. The ARTS transportation planning process continues to address the following planning emphasis areas in this 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 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 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.
- *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:

1. Coordinated work among study participants, governments, and citizens; including Agenda Items for ARTS South Carolina Policy Subcommittee.
2. Monitored work program schedule.
3. Updated staff work program for Augusta Planning and Development to reflect UPWP tasks.
4. Organized ARTS Committee agenda and meetings.
5. Prepared minutes of those meetings Test Network Subcommittee, Technical Coordinating Committee, Citizens Advisory Committee and Policy Committee meetings held during each quarter.
6. Approved meeting minutes from previous meetings and approved during each meeting.
7. Updated the Memorandum of Understanding, TCC, CAC, and PC By-Laws and membership lists.
8. Updated the Procedures Manual that included the MOU, By-Laws for each committee, membership list, meeting calendar, current TIP, UPWP and newsletters for existing and new committee members.

FY 2018 Work Activities and Schedule: Activities under this work element include, but are not limited to the following:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Coordinate work among study participants, governments, and citizens.	Monthly and Quarterly throughout the fiscal year July 1, 2017 – June 30, 2018. Quarterly reports due on the 15 th day following the last day of the month.
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. Update ARTS Policy and Procedures Manual and ARTS committees' membership list.	
7. Travel to meetings with ARTS participants, as well as other transportation related meetings or conferences	
8. Amend the transportation planning process in response to changes in federal laws and regulations.	
9. Submit progress reports with quarterly requisitions and a year-end progress report with the final requisition.	
10. Develop policy and procedure to amend and/or modify the UPWP work elements, tasks and budget when necessary	December 7, 2017
11. Update Continuity of Operations (COOP) Plan for ARTS as necessary based on changes in organization structure and procedures.	December 7, 2017
12. Prepare BFE transit progress notes for all ARTS meetings.	

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)	\$36,036.00			\$36,036.00
APDD (GA PL Match)	\$9,009.00			\$9,009.00
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
TOTAL	\$52,545.00	\$54,500.00	\$3,750.00	\$110,795.00

1.2 Training and Employee Education (41.20.03)

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, and 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:

1. Staff participated in conferences and work sessions sponsored by Georgia Chapter of American 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.
2. Staff also attended workshops and stakeholder meetings sponsored by FHWA, GDOT and the annual GAMPO conference.
3. LSCOG staff attended the FTA Triennial workshops, the SCDOT Public Transportation Workshop, as well as continued 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 Workshop
4. Georgia American Planning Association Spring Conference
5. Georgia Association of MPOs Business Meetings and Annual Conference
6. FHWA Performance Based Planning Workshop
7. FTA Triennial Review Workshop
8. Transportation Research Board Tools of the Trade Transportation Conference
9. Georgia Transit Association Annual Conference
10. Georgia and South Carolina American Planning Association Fall Conference
11. Transportation Association of South Carolina (TASC) Conference
12. National Transit Institute webinars
13. American Public Transit Association Conferences (APTA)

FY 2018 Work Activities and Schedule:

1. Attend transportation planning related webinars, seminars, conferences and meetings as opportunities arise.
2. Participate in educational 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 1 2017 - June 30, 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)	\$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)	\$4,400.00			\$4,400.00
APDD (GA SEC 5303 Match)	\$550.00			\$550.00
GDOT (SEC 5303 Match)	\$550.00			\$550.00
FTA (SEC 5303)			\$4,500.00	\$4,500.00
LSCOG (SEC 5303 Match)			\$1,125.00	\$1,125.00
TOTAL	\$15,500.00	\$6,000.00	\$5,625.00	\$27,125.00

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:

1. FY 2017 UPWP was approved June 2016.
2. Amended March 2017 including task activities and/or budget modifications for Congestion Management Process Update.
3. Tracked and documented UPWP work activities, budget and expenses to produce quarterly reimbursement report and performance report.

FY 2018 Work Activities and Schedule: The following activities will be undertaken by APDD, ACPDD and LSCOG in developing the UPWP:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Establish draft list of work elements, activity descriptions, funding source and agency responsible for selected work elements for next program year	October 2017
2. Complete activity descriptions & work schedules for work elements.	November 2, 2017
3. CAC/TCC endorses Draft UPWP	November 11, 2017
4. Policy Committee endorses Draft UPWP	December 3, 2017
5. E-mail Draft UPWP to state and federal agencies	January 8, 2018
6. Incorporate comments from reviewing agencies & other stakeholders	January 25, 2018
7. E-mail final UPWP summary to CAC/TCC	February 3, 2018
8. CAC/TCC endorses Final UPWP	February 10, 2018
9. E-mail final UPWP summary to Policy Committee	February 22, 2018

ACTIVITIES	EXPECTED COMPLETION DATE
10. Policy Committee approves final UPWP	March 2, 2018
11. Complete full text of final UPWP	March 18, 2018
12. Mail final UPWP to state and federal agencies	March 31, 2018

Product(s): FY 2019 ARTS Unified Planning Work Program

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)	\$6,800.00			\$6,800.00
APDD (GA PL Match)	\$1,700.00			\$1,700.00
FHWA (SC PL)	\$800.00	\$2,000.00		\$2,800.00
ACPDD (SC PL Match)	\$200.00	\$500.00		\$700.00
FTA (SEC 5303)	\$5,200.00		\$3,000.00	\$8,200.00
GA DOT (SEC 5303 Match)	\$650.00			\$650.00
APDD (SEC 5303 Match)	\$650.00			\$650.00
LSCOG (SEC 5303 Match)			\$750.00	\$750.00
TOTAL	\$16,000.00	\$2,500.00	\$3,750.00	\$22,250.00

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WORK ELEMENT 2 - PUBLIC INVOLVEMENT

2.1 Community Outreach/Education (44.21.00)

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 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 redesigned and updated continuously to enhance user-friendly format. ARTS staff initiated coordinating outreach activities with the Community Outreach Coordinator for Richmond County. This coordination enhances efforts to post information to social media forums and community news announcements in local newspapers. 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 the following,

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 three (3) community meetings throughout the study area for amendments to the 2040 Transportation Vision LRTP and the Transportation Improvement Program (FY 2015 – 2022) including several areas focused on EJ populations.
5. Provided opportunity for public to review and comment on amendments to the TIP and LRTP in accordance with the procedures in the Participation Plan. Display these documents in public libraries.

6. Published and distributed the ARTS newsletter
7. Distributed ARTS information at other public meetings
8. Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
9. Provided technical support to the Transit Citizen Advisory committee of the Augusta Public Transit Department.
10. Evaluated effectiveness of public involvement techniques
11. Responded to requests for information from the general public and other stakeholders.
12. LSCOG with assistance from consultants held extensive public meetings, targeted group discussion groups, online survey, onboard passenger surveys and community outreach events in the last two quarters of state fiscal year 2017 in support of a Transit Development Plan with the feedback to be provided the first quarter of state fiscal year 2018.
13. Updated Participation Plan to address revised public comment period by SCDOT from 15-day to 21-day, to include community outreach tools such as social media 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.

FY 2018 Work Activities and Schedule: During this program year MPO, staff will implement the strategies in the ARTS Participation Plan. Anticipated public outreach opportunities include the following:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Public notices of outreach activities related to amendments of the ARTS Long Range Transportation Plan – Transportation Vision 2040	Two weeks to seven (7) days prior to public meetings during FY 2018.
2. Public meetings for amendments and the annual update of the Transportation Improvement Program. Prepare meeting summaries and response to public questions.	July, August 2017 January, June or July 2018
3. Council of Govt. Newsletter	August 2017, November 2017 and February 2018
4. Public Informational Session on future recommendations for BFE	September 20, 2017
5. Public open forum or meeting to review the revised ARTS Public Participation Plan (PPP). Prepare meeting summaries and response to public questions.	September – October 2017
6. Update the ARTS Participation Plan to address recommendations from the 2016 Certification Review	October 2017
7. Public meetings related to other ARTS Special Studies conducted	As needed according to project schedule.

ACTIVITIES	EXPECTED COMPLETION DATE
during the program year. Prepare meeting summaries and response to public questions.	
8. Identify and engage stakeholders for intermodal and freight movement.	December 7, 2017
9. Coordination outreach activities with the Community Outreach Coordinator for Richmond County.	Staff attends bi-weekly and monthly conference call meetings through-out 2018
10. Placement of ARTS MPO documents in local libraries in the study area as reference periodicals.	Staff performs this activity prior to public meetings and after any major updates to transportation planning documents and plans.

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)	\$20,400.00			\$20,400.00
APDD (GA PL Match)	\$5,100.00			\$5,100.00
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)	\$12,000.00		\$2,000.00	\$14,000.00
GA DOT (SEC 5303 Match)	\$1,500.00			\$1,500.00
APDD (SEC 5303 Match)	\$1,500.00			\$1,500.00
LSCOG (SEC 5303 Match)			\$500.00	\$500.00
TOTAL	\$43,000.00	\$5,500.00	\$2,500.00	\$51,000.00

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) (44.22)

Purpose: Maintain a comprehensive, up-to-date socioeconomic database for the transportation planning process. Activity under this work element will focus 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 data is analyzed to track changes to TAZ centroids. The EJ data is used to assess the impact of transportation projects on EJ communities. The basic socioeconomic data is 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, with assistance from ARTS staff, 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:

1. Compiled annual socioeconomic data estimates, at the Census Tract and TAZ-level.
2. Initiated developing a regional GIS database of available data resources for transportation planning.
3. Collected new business licenses data to track employment and retail/commercial and non-retail traffic generators.

FY 2018 Work Activities and Schedule: Activities 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. The following tasks are part of completing this work element.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Collect building permit and Certificate of Occupancy data for calendar year 2016 and allocate to TAZs.	Collect and allocate data to each month. Annual update completed by January - March 2018

ACTIVITIES	EXPECTED COMPLETION DATE
2. Estimate updated population and housing based on building permit data. Specific dates are July 1 st and January 1 st .	February 2018
3. Collect school enrollment figures and allocate to TAZs.	March 2018
4. Collect latest employment estimates and allocate to TAZs based on known/observed trends.	April 2018
5. Compile latest Median Household Income Level estimates at the TAZ level.	April 2018
6. Assess impact of transportation projects on EJ communities.	As needed throughout the program year. Coincides with updates to the 2040 LRTP, TIP and Title VI Plan and monitoring reports.
7. 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.	March 31, 2018

Product(s): Annual Population and Land Development Growth Trends Report.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD), Columbia County Planning Services Division, City of Aiken, North Augusta, SC, Edgefield County, SC and their member governments.

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$8,000.00		\$0.00	\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$0.00	\$2,000.00
FHWA (SC PL)	\$1,200.00	\$1,600.00	\$0.00	\$2,800.00
ACPDD (SC PL Match)	\$300.00	\$400.00	\$0.00	\$700.00
TOTAL	\$11,500.00	\$2,000.00	\$0.00	\$13,500.00

3.2 Land Use Monitoring (44.22)

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:

1. Tracked changes in land use based on review of subdivision plans, site plans, zoning cases and building permit activity.
2. Updated socioeconomic data estimates.
3. Continued to compile and update a spatial data analysis for changes in current land use (rezoning), and certificates of occupancy for residential and commercial development.

FY 2018 Work Activities and Schedule: 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 transportation planning process.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Updated zoning and land use GIS data collected from regional partners. Previous year data archived.	January - March, 2018
2. Produce ARTS MPO Annual Growth Trends Report	April 30, 2018
3. Consolidate data into single regional land use GIS layer.	April 30, 2018
4. 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	March 31, 2018

ACTIVITIES	EXPECTED COMPLETION DATE
projects implemented within the MPO area.	

Product(s):

1. Annual Population and Land Development Growth Trends Report GIS map shape files and maintained in the transportation system database and the Augusta Data Enterprise.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

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

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$10,000.00		\$10,000.00
APDD (GA PL Match)	\$2,500.00		\$2,500.00
FHWA (SC PL)		\$5,200.00	\$5,200.00
ACPDD (SC PL Match)		\$1,300.00	\$1,300.00
TOTAL	\$12,500.00	\$6,500.00	\$19,000.00

3.3 Transportation Surveys, Model and Analysis (44.23.01)

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:

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

FY 2018 Work Activities and Schedule: This work element will be integrated with LRTP, Performance Based Planning, CMP and TIP.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Gather crash data from GDOT and SCDPS	April 2017
2. Update Regional, Intersection and Corridor Traffic Crash Analysis Report.	August 2018
3. Sort and compile data into required format	August 2018
4. Prepare maps to be used in the report	September 2018
5. Prepare draft TSIR	October 2018
6. Present results of TSIR to ARTS committees	December 2018

ACTIVITIES	EXPECTED COMPLETION DATE
7. Prepare and publish final TSIR	February 2019
8. Amend Long Range Transportation Plan and/or TIP to incorporate new Intersection Improvement Projects.	As needed throughout the program year

The analysis and mapping of crash data and preparation of the report is affected by the following factors:

1. The most current crash data available from GDOT or SCDPS may lag more than a year after the incident date
2. 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
3. GDOT and SCDOT have minimum staffing to collect and compile crash data in addition to responding to daily data requests.

Product(s):

1. ARTS Traffic Safety Improvement Report (TSIR) based on the most current available crash data.
2. Regional GIS map of traffic crash locations.

COST ESTIMATE AND PROPOSED FUNDING SOURCE

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

FUNDING SOURCE	RESPONSIBLE AGENCY		TOTALS
	APDD	ACPDD	
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$3,000.00
FHWA (SC PL)	\$400.00	\$1,600.00	\$2,000.00
ACPDD (SC PL Match)	\$100.00	\$400.00	\$500.00
TOTAL	\$15,500.00	\$2,000.00	\$17,500.00

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:

1. Staff worked with the Augusta Ga - Office of Compliance to monitor implementation of the Self-Evaluation and Transition Plan (SETP) relating to transportation and public transit facilities
2. Compiled and monitored data and information for Environmental Justice Analysis.
3. Developed updates to demographic profile and data analysis of populations of minority concentrations, Hispanic, Asian, low-income persons, and populations of limited English proficiency.
4. Conducted Benefits and Burdens analysis on amendments to the 2040 LRTP and FY 2015-2022 TIP.

FY 2018 Work Activities and Schedule:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Update Title VI Monitoring Report	June 2018
2. Environmental justice analysis for transit service recommendations from the COA. This task will be integrated with amendments to the LRTP and TIP.	December 7, 2017 January 2018 April – June 2018
3. Conduct Benefits and Burdens analysis on amendments to the 2040 LRTP and FY 2017-2022 TIP as part of the PPP.	Quarterly - As amendments are made to the 2040 LRTP and transportation planning projects are completed throughout FY 2018.
4. Post ARTS studies and reports (e.g. UPWP, TIP, CMP, updates to demographic data and GIS spatial maps) on MPO website	This is a quarterly task based on completion of work activities in FY 2018.
5. LSCOG and APT will submit to FTA through TrAMS the updated Title VI Plan	April 1, 2018

ACTIVITIES	EXPECTED COMPLETION DATE
for transit with LSCOG Board approved meeting notes highlight Board acceptance of the updated plan including an updated Limited English Proficiency (LEP) Plan.	

Products):

1. Title VI Plan for transit
2. Conduct Benefits and Burdens Analysis Report
3. Update Title VI Monitoring Report

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agencies: Augusta Planning and Development Department (APDD), August Public Transit Dept., and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	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
FHWA (SC PL)		\$3,200.00		\$3,200.00
ACPDD (SC PL Match)		\$800.00		\$800.00
TOTAL	\$4,000.00	\$4,000.00	\$1,250.00	\$9,250.00

3.5 GIS Development and Applications (44.22)

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:

1. Data collection and develop GIS attribute shape files for regional transportation system database to support performance based planning related to all modes of travel, congestion management, performance based planning, land use and transportation data monitoring, traffic safety, bicycle and pedestrian safety, freight and intermodal, and public transit.
2. Maps were generated for 2015-2022 TIP reports and posted on ARTS website.
3. Maps were created for the annual traffic volume map as part of monitoring traffic congestion and identifying data gaps related to congestion management system; annual intersection crash data analysis, updates to the 2040 Long Range Transportation Plan based amendments.
4. Online interactive transportation system and project mapping tool for public information and comments.
5. Staff worked with the GIS Division of the City of Augusta to update the GIS online interactive mapping tool
6. Staff attended an advanced GIS online class and webinars.
7. Staff updated and maintained the ARTS websites.
8. Aiken County's 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. In addition, during the revising of the base year socioeconomic data, GIS staff collected data for TAZ's from an online census data service.
9. Staff also worked with the GIS staff with the Planning Services Division at Columbia County to update socio-economic demographic data and to monitor land use and development impacts on the regional transportation system network.

FY 2018 Work Activities and Schedule: The MPO will continue to use its existing GIS for mapping activities, data management and updates; and to develop compatible spatial data layers. This work element will be integrated with LRTP, Performance Based Planning, CMP and TIP.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Prepare and use GIS maps for transportation planning and analysis	As needed throughout program year (July 1, 2017 – June 30, 2018)
2. Continue update of GIS attribute shape files for regional transportation system database to support performance based planning related to all modes of travel, congestion management, performance based planning, land use and transportation data monitoring, traffic safety, bicycle and pedestrian safety, freight and intermodal, and public transit	As needed throughout program year (July 1, 2017 – June 30, 2018). GIS mapping will be produced with quarterly staff reports, annual reports, amendments and modifications to the LRTP, TIP and other planning projects and public meetings.
3. Ongoing redesign, updates and maintenance of website information on ARTS meetings and public participation, and publish of plans, projects, reports and programs.	Monthly and quarterly throughout program year (July 1, 2017 – June 30, 2018)
4. Post ARTS studies and reports (e.g. UPWP, TIP, CMP) on MPO website	As completed throughout program year (July 1, 2017 – June 30, 2018)
5. Purchase Computer Equipment and Software to support transportation planning functions and work tasks.	As needed throughout program year (July 1, 2017 – June 30, 2018)

Product(s):

1. Updated GIS maps and database files to assist in the ARTS transportation planning process.
2. GIS TIP and LRTP project locations, CMP corridors, GIS spatial analysis of performance based planning relating to measures and targets, traffic safety spatial analysis of fatal vehicular crashes, bicycle and pedestrian.
3. Redesign, updates and maintenance of ARTS website will also be completed.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD), City of Aiken, and Planning Services Division of Columbia County.

FUNDING SOURCE	RESPONSIBLE AGENCY		
	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$24,000.00		\$24,000.00
APDD (GA PL Match)	\$6,000.00		\$6,000.00
FHWA (SC PL)		\$40,000.00	\$40,000.00
ACPDD (SC PL Match)		\$10,000.00	\$10,000.00
FTA (SEC 5303)	\$4,000.00		\$4,000.00
FTA (SEC 5303) GA State Match	\$500.00		\$500.00
FTA (SEC 5303) APDD Match	\$500.00		\$500.00
TOTAL	\$35,000.00	\$50,000.00	\$85,000.00

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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 (44.24.00)

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 Transportation Planning Tasks

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.

The work activities and products in this work element will be coordinated with Work Elements: 2.1 Community Outreach, 3.3 Transportation Surveys, Model and Analysis, 3.5- GIS Development and Applications, 4.1.1- Performance Based Planning, 4.2- Congestion Management Process, and 4.3- Public Transit.

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; and reducing (or mitigating) the stormwater impacts of surface transportation; and
10. Enhancing travel and tourism.

Previous Work:

1. Updated ARTS 2040 Long Range Transportation Plan – 2040 Transportation Vision based on amendments, financial constraint analysis and newly identified transportation projects and programs.

2. Staff participated on the technical advisory committee for the following special studies Whiskey Road Corridor Plan for Aiken County Planning and Development Department, Comprehensive Operational Analysis for Augusta Public Transit and Transit Development Plan for Lower Savannah Council of Governments.
3. Staff will update the 2040 LRTP based on recommendations in special studies such as corridor plans and public transit plans completed during FY 2017.
4. Staff is developing a regional transportation system GIS database to support all transportation planning work tasks.

FY 2018 Work Activities and Schedule: Any updates and amendments to the 2040 LRTP for new transportation projects and/or funding will be considered at the appropriate time during FY 2018. The completion date in the table below represent date presented to Policy Committee for approval or adoption.

ACTIVITIES	EXPECTED COMPLETION DATE
1. ARTS FY 2017 - 2022 TIP	August 1 through September 7, 2017
2. Updates and amendments to the 2040 LRTP for new transportation projects, public transit improvements, funding and performance measures and targets.	Quarterly as necessary: December 7, 2017 - January 2018; March 1, 2018 and June 7, 2018
3. Update Goals, objectives and Performance Measures.	December 7, 2017 - January 2018
4. Prepare Technical Staff Report with data analysis and GIS maps for performance measures including Safety Measures and targets.	December 7, 2017 - January 2018

Product(s):

1. Implementation of the ARTS 2040 Long Range Transportation Plan will continue into FY 2018.
2. Amendments and updates to the Long Range Transportation Plan for performance measures and targets needed.

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)	\$22,160.00		\$22,160.00
APDD (GA PL Match)	\$5,540.00		\$5,540.00
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)	\$6,200.00		\$6,200.00
GA DOT (SEC 5303 Match)	\$775.00		\$775.00
APDD (SEC 5303 Match)	\$775.00		\$775.00
TOTAL	\$36,450.00	\$4,000.00	\$40,450.00

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 – in both long term LRTP planning and short-term TIP programming of projects – based on MPO goals and objectives for improving the overall transportation system. The work activities and products in this work element will be coordinated with Work Elements: 2.1 Community Outreach, 3.3 Transportation Surveys, Model and Analysis, 3.5- GIS Development and Applications, 4.1- Long Range Plan, 4.2- Congestion Management Process, 4.3-Public Transit and 5.1 Transportation Improvement Program.

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). The FAST Act requires the Department of Transportation (DOT) to establish performance measures in seven areas:

1. Pavement condition on the Interstate System and on remainder of the National Highway System (NHS)
2. Performance of the Interstate System, remainder of the NHS and federal aid highway system
3. Bridge condition on the NHS
4. Traffic Safety - fatalities and serious injuries—both number and rate per vehicle mile traveled--on all public roads
5. Traffic congestion
6. On-road mobile source emissions
7. Freight movement on the Interstate System
8. Public Transportation system(s)

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; and reducing (or mitigating) the stormwater impacts of surface transportation.

Previous Work:

1. Completed the Performance Based Planning Self-Assessment, researched data needs, resources, availability and gaps, initiated data collection, editing and processing.
2. Developed staff report to lead discussion with Test Network Technical Subcommittee and Technical Coordinating Committee to identify local data sources.
3. ARTS staff work with Richmond Columbia Counties to identify traffic data and travel time data from the ITS System.
4. ARTS staff worked with APT to identify transit system performance data that will be utilized to develop performance measures related to public transit during the COA.

FY 2018 Work Activities and Schedule: The ARTS MPO intends to develop a performance assessment process that encompasses the federally set performance metrics, performance measurement required as part of the congestion management process, and other, locally relevant performance metrics. The MPO’s goal is to develop a system whereby projects will be directly evaluated to determine their effectiveness at meeting regional goals.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Collection, editing and processing data for performance measures: occurs concurrently with other deliverables: Congestion Management System, and Intersection and Traffic Crash Analysis Report.	This is an on-going task.
2. Collection and editing of data resources from federal and state data. Dates subject to change based on data release dates. National Highway Performance Monitoring System (NHPMS) releases data around October for previous year.	October – November 2017
3. Review and align proposed Performance Measures with 2040 LRTP Goals and objectives to update the matrix. Develop draft Performance Measures Data Matrix, Methodology Summary Report.	December 2017
4. Present Performance Measures and targets to ARTS MPO committees for approval to present for public review.	December 7, - January 31, 2018
5. Coordinate and collaborate with FHWA, FTA, GDOT, SCDOT and ARTS MPO Committees to methodology for data analysis and target setting process	Continuous and on-going throughout fiscal year.
6. Present Performance Measures and targets to ARTS MPO committees for approval and adoption by Policy Committee.	December 2017 - January 2018
7. Update documentation of Data collection methodology and final performance measures and targets in coordination with ARTS MPO committees, GDOT and SCDOT	April – June 2018 for amendments or updates to the LRTP and TIP.
8. Public review and comment of performance measures and targets.	
9. Develop an action plan to create a performance measures dashboard to monitor and track progress	

Product(s): Performance Measures and Goals Matrix 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, and Lower Savannah COG.

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$18,400.00			\$18,400.00
APDD (GA PL Match)	\$4,600.00			\$4,600.00
FHWA (SC PL)		\$8,000.00	\$2,000.00	\$10,000.00
ACPDD (SC PL Match)		\$2,000.00		\$2,000.00
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
LSCOG (SEC 5303 Match)			\$500.00	\$500.00
TOTAL	\$33,000.00	\$10,000.00	\$2,500.00	\$45,500.00

4.2 Congestion Management (44.24.00)

Purpose: To implement existing congestion mitigation strategies and projects identified in the 2040 Long Range Plan; and travel data collection. This work element will be integrated with Performance Based Planning. These work activities are included in Work Element 4.5 Special Studies – Congestion Management Process Update.

A Congestion Management Process (CMP) an integral transportation planning process in the ARTS area. The purpose of the ARTS CMP is to document traffic congestion on major transportation corridors in the study area, identify and implement strategies for reducing or eliminating the congestion, and track and/or program the implementation of congestion mitigation projects. Activities under this work element will include completing the annual traffic congestion data collection and spatial analysis of travel data.

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:

1. Presented a staff report on best practices for measuring congestion to update the methodology to the Test Network Subcommittee and Technical Coordinating Committee.
2. Identified data resources, data gaps and availability, initiated data collection, editing and analysis of existing congested corridors.
3. Completed a draft of Regional Transportation System Database Index Report for CMP, Performance Based Planning and Programming, Traffic Safety, Socio-Economic Demographics Growth Trends including monitoring land use and development data.

FY 2018 Work Activities and Schedule: Staff will continue work to develop a regional transportation system database to include data to effectively monitor traffic congestion, develop and monitor performance measures process applied to congested corridors and mitigation strategies. Other work activities related to this task are included in the 4.5 Special Transportation Studies – Work Element that detail schedule for ARTS staff will develop the scope of work, solicitation and execute agreement for the CMP Update.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Ongoing annual data collection and update.	12 months FY 2018
2. Create, update and publish on the web site the annual traffic count GIS Map and level of service (LOS) table for congested corridors.	September 21, through December 7, 2017
3. Update online interactive GIS transportation project map to include existing and future traffic volumes and LOS.	September 21, through December 7, 2017

Product(s): Update Transportation System GIS Database, travel time data collection for Richmond and Columbia Counties, traffic volume GIS Map and existing year level of service analysis.

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)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$800.00	\$2,400.00	\$3,200.00
ACPDD (SC PL Match)	\$200.00	\$600.00	\$800.00
FTA (SEC 5303)	\$4,000.00		\$4,000.00
GA DOT (SEC 5303 Match)	\$500.00		\$500.00
APDD (SEC 5303 Match)	\$500.00		\$500.00
TOTAL	\$31,000.00	\$3,000.00	\$34,000.00

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, regulations, disseminate information and coordinate the work of the 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 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 continue to monitor and dialogue with industry leaders, regional, state and local government officials, local school officials, the Bureau of Air Quality with South Carolina Department of Health and Environmental Control, 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. Other types of activities undertaken by ARTS staff include:

1. Maintained ARTS web site and updated information pertaining to Air Quality from the Bureau of Air Quality with South Carolina Department of Health and Environmental Control.
2. Distributed Air quality information at special events in the Augusta-Aiken area.
3. Attended, coordinated and hosted periodic meetings of the Air Quality Alliance.
4. Continued to monitor air quality data and changes in federal air quality regulations.
5. Provided ARTS committees and other stakeholders with regular updates on the Air Quality Alliance and air quality issues and initiatives.
6. Disseminated information on air quality issues and tips for improving air quality through the ARTS newsletter and the 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:

1. Carpooling, ridesharing, and combining trips and limit unnecessary ones
2. Keep your vehicle properly maintained and saving electricity
3. Walk or ride a bike on short trips and avoid driving during peak hours

4. Don't drive above the speed limit
5. Take the bus

FY 2018 Work Activities and Schedule: 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. ARTS staff will explore participation in the EPA Advance Program to position the region to remain in attainment.	December 2017
2. Prepare Technical Memorandum on the Review of EPA Advance Program and ARTS Action steps.	December 2017
3. Participate in local and regional air quality initiatives and activities.	Ongoing
4. Pursue a viable air quality initiatives made available throughout the fiscal year to Aiken County by the SC Dept. of Environmental Control's Bureau of Air Quality.	July 1, 2017 through June 30, 2018

Product(s): A technical memorandum documenting the review of EPA Advance Program will be completed to assess future action by ARTS and presented to MPO committees.

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)	\$0.00		\$0.00
APDD (GA PL Match)	\$0.00		\$0.00
FHWA (SC PL)	\$1,600.00	\$3,600.00	\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
TOTAL	\$2,000.00	\$4,500.00	\$6,500.00

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:

1. Prepared and submitted for review and approval grant applications and the NTD report.
2. Assisted with scope of services and technical review of report for the Comprehensive Operational Analysis, site location analysis for the Augusta Public Transit Bus Maintenance and Administration facility.
3. Conducted grant management tasks for implementing Federal Transit Administration (FTA Section 5310 Enhanced Mobility for the Elderly and Disabled persons on behalf of Augusta Public Transit Department (APT) and Lower Savannah Council of Governments (LSCOG).
4. Assisted with transit service area GIS mapping and geo-coding addressing matching.

FY 2018 Work Activities and Schedule: In previous years, the MPO staff has provided assistance to Augusta Public Transit as needed in preparing the transit planning, coordinated public involvement, financial and operation reports.

Additional administrative assistance will include:

1. Preparing required certifications,

2. Update the Annual Title VI Monitoring Report,
3. Update socio-economic demographic GIS data analysis for Environmental Justice,
4. Provide opportunity for public meeting, review and comment period for Program of Projects related to grant applications and fare/service changes,
5. Assisting in planning for transit system capital investments that will lead to increased security for the transit system,
6. Monitoring FTA planning and grant requirements (e.g. program of projects, transit asset management, Title VI, labor certifications, third party contracting, bidding and award process),
7. Developing the Georgia public transportation portion of the Unified Planning Work Program; and,
8. Providing technical transit planning and grant management assistance related to Coordinated Human Services Transportation, ADA accessibility, transit service operation improvements, land use and transportation, transit oriented development and other issues facing APT.

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. ARTS staff will assist APT in collecting, assembling and editing data and conducting analysis that will be utilized to develop and monitor performance measures, target setting and analysis 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Quarterly MPR and FFR Reports to FTA	Oct 2017, Jan 2018, April 2018, June 2018
2. FTA 5303 Quarterly Reports to GDOT and SCDOT	Oct 2017, Jan 2018, April 2018, June 2018
3. Facilitate ARTS MPO committee meetings for agenda items for transit.	Quarterly – July 1, 2017 – June 30, 2018
4. Prepare split grant funding tables and assist with grant submission for 5307 and 5339 split allocation for APT and LSCOG.	January 31, - April 1, 2018
5. Invoices and MPR reporting for urban 5310 program	Monthly by the 5 th day during FY 2018

ACTIVITIES	EXPECTED COMPLETION DATE
6. Assist with Program of Projects and transit funding tables in TIP for APT and LSCOG.	June 1 – July 31, 2018

Product(s):

1. Grant administration activities for FTA Section 5310 Submission of a grant application on behalf of Augusta Public Transit for capital and operating assistance.
2. Submission of the NTD Report.
3. Preparation of the GA UPWP public transit elements.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Augusta Planning and Development Department (APDD), Augusta Public Transit Department and Lower Savannah Council of Governments.

FUNDING SOURCE	RESPONSIBLE AGENCY	
	APDD	TOTALS
FTA (SEC 5303)	\$58,200.00	\$58,200.00
GA DOT (SEC 5303 Match)	\$7,275.00	\$7,275.00
APDD (SEC 5303 Match)	\$7,275.00	\$7,275.00
TOTAL	\$72,750.00	\$72,750.00

4.3.2 Management and Operation – APT & LSCOG (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:

1. Updated Financial Capacity Assessment and Comprehensive Operations Analysis.
2. Assisted with public involvement for the COA; developed framework for FTA Section 5310 Enhance Mobility for Seniors and Persons with Disabilities, service operation strategy, grant administration, mobility management for travel training.
3. Developed GIS mapping for address matching for transit service zones to schedule mobility trips and reservations for ADA complementary trips.

FY 2018 Work Activities and Schedule:

1. The major activity will be to continue assessing the financial capability of Augusta Public Transit and to secure other possible funding sources to implement recommendations from the Comprehensive Operations Analysis.
2. ARTS staff will assist Augusta Public Transit with developing an implementation action plan for fixed route restructuring, route scheduling, rollout of recommended system changes.
3. ARTS will continue to assist APT and LSCOG with FTA Section 5310 Enhance Mobility for Seniors and Persons with Disabilities including service operation strategy, grant administration, mobility management for travel training, and develop GIS mapping for address matching for transit service zones to schedule mobility trips and reservations for coordinated human service and ADA complementary trips.
4. ARTS staff, with assistance from APT, LSCOG, Central Savannah River Area – Agency of Aging, Georgia Dept. of Human Services, and other local social services and health agencies, develop a regional coordinated human services transportation framework to serve the urbanized area in Augusta-Richmond Co., Columbia Co., Ga; and Aiken and Edgefield Counties in SC.
5. ARTS staff will continually update GIS mapping for address matching for transit service zones to schedule mobility trips and reservations for ADA complementary trips and to determine eligibility of seniors and disabled persons.
6. ARTS's staff will collaborate with LSCOG on developing the Coordinated Human Service Transportation Plan.

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Review transit system performance data reported to NTD.	October 30, 2017
2. Develop Tech Staff Report on performance measures for public transit.	November 15, 2017
3. Implementation Action Plan for recommendations in the TDP.	December 15, 2017
4. Administration of FTA 5310 Grant for APT and LSCOG. Monthly ridership report and invoices submitted to CSRA-RC.	Monthly on the 5 th day.
5. Develop Coordinated Human Service Framework for ARTS urbanized area served by APT and LSCOG.	November 30, 2017

Product(s):

1. ARTS will continue all tasks activities for FTA Section 5310 Enhance Mobility for Seniors and Persons with Disabilities, service operation strategy and Regional Coordinated Human Services Transportation Framework.
2. GIS map and address matching for transit service zones to schedule mobility trips and reservations for ADA complementary trips.

COST ESTIMATE AND PROPOSED FUNDING SOURCE: FTA Section 5303

Responsible Agency: Augusta Planning and Development Department (APDD), Augusta Public Transit Department and Lower Savannah Council of Government (LSCOG).

FUNDING SOURCE	LSCOG	APDD	TOTALS
FTA (SEC 5303)	\$2,000.00	\$32,200.00	\$32,200.00
GA DOT (SEC 5303 Match)		\$4,025.00	\$4,025.00
APDD (SEC 5303 Match)		\$4,025.00	\$4,025.00
LSCOG (SEC 5303 Match)	\$500.00		
TOTAL	\$2,500.00	\$40,250.00	\$42,750.00

South Carolina

4.3.3 Program Administration – Aiken County Transit (44.21)

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, service operations, administrative and enhancement needs 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:

1. Administered the operation of the transit system and prepared and submitted grant applications for the operation of the transit system.
2. The Lower Savannah Aging, Disability & Transportation Resource Center (ADTRC) provided 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.

FY 2018 Work Activities and Schedule: 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 for any advisory committees serving the Aging, Disability & Transportation Resource Center (ADTRC) provide input concerning efficiencies, routing, regional human services 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Quarterly MPR and FFR Reports to FTA	Oct 2017, Jan 2018, April 2018, June 2018
2. Quarterly Reports to MPO	Oct 2017, Jan 2018, April 2018, June 2018
3. Reporting to SCDOT for the BFE/SMTF Grant	Monthly
4. Attendance of all ARTS Committees	Quarterly – July 1, 2017 – June 30, 2017
5. Grant submission for 5307	January 31, 2018
6. DBE reporting to FTA for BFE transit system	December 1, 2017 & June 1, 2018
7. Invoices and reporting for urban 5310 program	Monthly by the 5 th day during FY 2018

Product(s):

1. Quarterly MPR and FFR reports to FTA; quarterly reports to MPO for submission on the 5303 invoices.
2. Monthly reports to SCDOT for the Best Friend Express for the SMTF grant for matching funds; reporting to the Aiken County Council, as needed; attendance and participation in ARTS committee meetings.
3. 5307 grant submission to FTA for funding of the transit system.
4. DBE semi-annual reporting to FTA for the BFE transit program; invoicing and reporting for the new urban 5310 Purchase of Service program.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

RESPONSIBLE AGENCY

FUNDING SOURCE	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

4.3.4 Transit Project Administration - (SC) (44.24.00)

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 FAST Act transportation legislation 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:

1. Performed annual contract preparation and monitoring for the operational functions of the public transit system.
2. Solicitation for a service provider for the Best Friend Express and Dial-a-Ride programs in the last quarter of the fiscal year.
3. Grant development for the urban 5310 project and its solicitation of a service provider (services to begin in FY 17-18).

FY 2018 Work Activities and Schedule: 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 contract with procured service provider 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.
3. On-going administration of the ADTRC mobility management program including coordination for the urban 5310 transit service
4. Development of a Safety Plan for BFE transit service

ACTIVITIES	ESTIMATED COMPLETION DATES
1. BFE/DAR Contract Development and Execution	September 25, 2017
2. Urban 5310 Contract Development and Execution	August 15, 2017
3. Reports to SCDOT for Mobility Management at ADTRC	Monthly during FY 2018

Product(s):

1. Best Friend Express Contract
2. FTA 5310 Urbanized area Purchase of Service Contract
3. Reports to SCDOT on Mobility Management activities/call volume for coordination (ADTRC).

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	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. 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. 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. Under the Act, Augusta Public Transit and Aiken County Transit are required to develop and maintain a comprehensive paratransit plan.

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.

FY 2018 Work Activities and Schedule:

1. Monitor, update and program grant funds for buses and/or vans for ADA complementary including purchase or lease of new transit vehicles be accessible to and usable by individuals with disabilities, including individuals who use wheelchairs.
2. 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).

ARTS staff will assist with these tasks.

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Review ridership data and address matching for reservations on ADA demand response service.	December 31, 2017
2. Update of Complimentary Paratransit Plan	December 31, 2017

Product(s): Annual update of the complementary paratransit plan for Augusta Public Transit and Lower Savannah Council of Government (LSCOG).

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)	\$14,400.00	\$1,500.00	\$15,900.00
GA DOT (SEC 5303 Match)	\$1,800.00		\$1,800.00
APDD (SEC 5303 Match)	\$1,800.00		\$1,800.00
LSCOG (SEC 5303 Match)		\$375.00	\$375.00
TOTAL	\$18,000.00	\$1,875.00	\$19,875.00

4.3.6 Marketing and Public Information – (SC & GA) (44.21.00)

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 that 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:

1. Wrapped all new, replacement vehicles with attractive advertising of the public system and the ADTRC. Wraps were also placed on shelters advertising the transit system.
2. The Best Friend Express brochures are printed and heavily distributed throughout the year.
3. The headquarters of the Best Friend Express office is located on Pendleton Street and appropriate signage has been placed on the front of the building.

FY 2018 Work Activities and Schedule: Marketing will continue to encompass the following areas:

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Marketing campaigns for “Free Fare Fridays”	December 31, 2017
2. Marketing of any new or revised service	May 31, 2018
3. Planning and marketing for mobility management services for ADTRC	December 31, 2017 & May 2018
4. Respond to any requests for presentations to the public or agencies	Ongoing throughout FY 2018
5. Stock and display available printed brochures/schedules for public consumption in Aiken Co.	Ongoing throughout FY 2018

Product(s): Marketing strategies encompassing the above primary goals.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

RESPONSIBLE AGENCY

FUNDING SOURCE	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 (44.24.00)

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 any the annual update to the Title VI plan, Certifications and Assurances, DBE requirements to submit to FTA. To assist with preparing the FY 2019 UPWP.

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:

1. Prepared operations reports for federal and state agencies;
2. Evaluated service;
3. Monitored grants, bidding and award process, contracts and purchases;
4. Prepared the annual NTD report and Title VI;
5. Participated in the planning process.

FY 2018 Work Activities and Schedule: 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 signing to the FTA Certification and Assurances;
6. Prepare and submit all documentations for Triennial Review;
7. Planning activities necessary for continued existence of the Aging, Disability and Transportation Resource Center (ADTRC);
8. LSCOG staff participation in the Transit Development Plan Phase I recommendations for short range planning is anticipated during FY 2018.

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Sign FTA Certs & Assurances	February 2018
2. Complete NTD Report, Validations and Final Submission	February 2018
3. Capital vehicle acquisition planning	April 2018
4. Operational analysis and recommendations from TDP shared with stakeholder groups	Ongoing throughout year
5. Transit Asset Management Plan	January 31, 2018

Product(s):

1. The annual signing of the FTA Certification and Assurances
2. Annual Operations Stats for SCDOT
3. The annual NTD report
4. Operational Analysis and stakeholder presentations
5. Develop Transit Asset Management Plan
6. Vehicle acquisition planning
7. Program updates and demonstrated progress toward on-going enhancement of mobility management and planning activities to enhance the ADTRC.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

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

4.3.8 Long Range Transit Planning – SC (44.24.00)

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: Created the scope and desired tasks for the Transit Development Plan (TDP) consultants that will add 10-year horizon to the transit planning documents.

FY 2018 Work Activities and Schedule: 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 2018, the Lower Savannah COG staff and Aiken County Planning staff will undertake the following primary activities:

1. Participation in the metropolitan planning process;
2. 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.
3. Participation in long-term planning goals for the system resulting from the TDP.

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Long range goals (phase) of the TDP study reviewed by committee	May 15, 2018
2. Review of ITS/Technology needs for BFE and plan scope in the next FTA 5307 grant.	January 30, 2018

Product(s): Maintain 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.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

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

4.3.9 Transit Financial Planning – SC (44.24.00)

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

The Lower Savannah COG staff will 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. Solicit local match from municipalities and Aiken County during their annual budget cycle.

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.

Previous Work: Lower Savannah Council of Governments’ staff prepared grant applications for 5303, 5307, SMTF funds, local funds.

FY 2018 Work Activities and Schedule: 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 2018, the Transit System staff will undertake the following primary activities:

1. Work to obtain Federal and State funds to operate and equip the Transit System.
2. Develop a diverse, stable revenue base for the Transit System.
3. 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.
4. Apply for, manage and account for funds that provide mobility management services.
5. 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Develop a 3 - year Financial Plan/Assessment for the BFE	December 31, 2017
2. Compete for urban 5310 funding for FY 2018-2019	June 30, 2018
3. Apply for Mobility Management funding as available	April 30, 2018
4. Apply for SMTF for FY 2018-2019	April 30, 2018
5. Apply to United Way For small local match donation	December 31, 2017

Product(s):

1. Mobility Management funding applications
2. FTA Urban 5310 sub recipient funding
3. State application for SMTF Funds.
4. Local applications for funding.
5. Financial Capacity Assessment.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Lower Savannah Council of Governments (LSCOG)

FUNDING SOURCE	RESPONSIBLE AGENCY	
	LSCOG	TOTALS
FTA (SEC 5303)	\$4,600.00	\$4,600.00
LSCOG (SEC 5303 Match)	\$1,150.00	\$1,150.00
TOTAL	\$5,750.00	\$5,750.00

4.4 Intermodal Planning (44.23.01)

Purpose: To incorporate bicycle, pedestrian, public 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 and travel alternatives among modes of transportation.

This work element will be used to foster a transportation system that accommodates bicycle, pedestrian, public 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 address the efficient movement of freight, to identify possible solutions to problem locations as they are related to intermodal connections, and to improve safety for non-motorized travel.

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:

1. Bicycle paths and parking
2. Pedestrian facilities
3. Regional connectivity
4. Bicycle and Pedestrian Safety and Education Outreach

The implementation of the Bicycle and Pedestrian Plan will be pursued by ARTS MPO committees as projects in the Transportation Improvement Program progress preliminary engineering and all subsequent phases of work during the project implementation.

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:

1. 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).

2. ARTS staff begun work to compiled data to assess Sidewalk and Bus Stop/Shelter Gap Analysis based on the ADA Self Evaluation Plan for Richmond County.
3. ARTS staff released a solicitation for Transportation Alternatives Set-aside grant applications.
4. ARTS staff developed a status report on the implementation of the Bicycle and Pedestrian Regional Plan to monitor progress of existing projects that are funded with federal and local funds.

FY 2018 Work Activities and Schedule:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Develop assessment of need and connectivity of bicycle and pedestrian for ARTS Bicycle and Pedestrian Plan.	December 31, 2017
2. Complete Street Policy Technical Report	January 31, 2018
3. Identify stakeholders with freight interest	On-going during FY 2018
4. Research and identify education and outreach materials for bicycle and pedestrian safety	February 15, 2018
5. Collect data to create GIS map Critical Freight Corridors	April 2018
6. Collect and analyze traffic conflicts at railroad crossing	June 30, 2018

Product(s):

1. Needs Assessment Report to update ARTS Bicycle and Pedestrian Plan, Complete Streets strategy and policy;
2. Bicycle and pedestrian access and connectivity report, safety education and outreach materials.
3. Complete Street Policy Technical Report.

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)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$400.00	\$3,200.00	\$3,600.00
ACPDD (SC PL Match)	\$100.00	\$800.00	\$900.00
FTA (SEC 5303)	\$4,058.00		\$4,058.00
GA DOT (SEC 5303 Match)	\$507.25		\$507.25
APDD (SEC 5303 Match)	\$507.25		\$507.25
TOTAL	\$30,572.50	\$4,000.00	\$34,572.50

4.5 Special Transportation Studies - Congestion Management Process Update

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.

ARTS staff will solicit professional consultant(s) to update the CMP and its integration with performance based planning and the Long Range Transportation Plan in order to meet federal requirements related to the CMP. ARTS's staff, with assistance from consultants, will identify existing and future regional congested corridors, define CMP network, data availability, define methodology, develop multimodal performance measures, data collection, define monitoring process, technical analysis of congestion problems and needs, identify and evaluate strategies, implementation, annual monitoring report, and CMP Review and Update.

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; and reducing (or mitigating) the stormwater impacts of surface transportation; and
10. Enhancing travel and tourism.

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

FY 2018 Work Activities and Schedule: The MPO will solicit professional consultant(s) to update the CMP and its integration with performance based planning and the Long Range Transportation Plan in order to meet federal requirements related to the CMP. The following tasks will be performed during this fiscal year.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Prepare Draft Request for Proposal (RFP) review by FHWA, GDOT & SCDOT and other MPO Partners.	October 2017 FY 2018
2. Submit Draft Request for Proposal (RFP) for review by FHWA, GDOT & SCDOT and other MPO Partners.	October 2017 FY 2018
3. Review and approve Draft Request for Proposal (RFP) by the Test Network Subcommittee and Technical Coordinating Committee.	November 2017 FY 2018
4. Review and approve Draft Request for Proposal (RFP) by the Citizens Advisory Committee (CAC).	November 2017 FY 2018
5. Review and approve Draft Request for Proposal (RFP) by Policy Committee (PC).	December 2017 FY 2018
6. Submit request to release a solicitation to hire consultant(s) for CMP Update. Assist Procurement Dept. with Solicitation for RFP	January 2018 FY 2018
7. Submit RFP Solicitation, project cost estimate, and draft advertisement to FHWA, GDOT and SCDOT for approval and revise if necessary	February 2018 FY 2018
8. Submit request to release a solicitation to hire consultant(s) for CMP Update	March 2018 FY 2018
9. Release Solicitation for RFP to Develop CMP - advertise	March – April 2018 FY 2018
10. Form consultant selection committee	March 2018 FY 2018
11. Review Proposals and short list consultants	April 2018 FY 2018
12. Conduct RFP Presentations	May 2018 – FY 2018
13. Select Consultant(s)	May 2018 – FY 2018
14. Document evaluation and selection process; prepare draft contract and submit draft agreement to FHWA and GDOT	June 2018 – FY 2018
15. Contract approval by Augusta Richmond County Commission	June 2018 – FY 2018
16. Contract award and notice to proceed	June 2018 – FY 2018

Product(s):

1. Request for Proposal (RFP)
2. Procurement solicitation
3. Consultant agreement/Executed Contract

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$140,000.00		\$140,000.00
APDD (GA PL Match)	\$35,000.00		\$35,000.00
FHWA (SC PL)	\$2,400.00	\$20,000.00	\$22,400.00
ACPDD (SC PL Match)	\$600.00	\$5,000.00	\$5,600.00
TOTAL	\$178,000.00	\$25,000.00	\$203,000.00

4.5.1 Special Transportation Studies – Central Martinez Area Access Management Plan – Columbia County Corridor Planning

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

1. Reduce/mitigate congestion and improve traffic safety
2. Increase mobility during peak travel times
3. Optimize the relationship between land use and transportation
4. Determine the location and feasibility of other multimodal systems
5. Evaluate existing and future travel
6. Analyze the need and location for intersection improvements

This work task proposes to hire consultants to conduct the Central Martinez Area Access Management Plan for Columbia Co., GA. The project will included but not limited to: land use development policies, identify access management practices, traffic analysis, capacity analyses, micro-simulation modeling, signal warrants, and concept drawings suitable for presentation to stakeholders, business and property owners, local and state elected officials and the public, to implement infrastructure improvements in the Central Martinez commercial area. This study will produce recommendations of transportation improvements projects to present to the ARTS MPO committees and Georgia Department of Transportation to amend the 2040 LRTP.

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 seeks to achieve this objective by integrating land use decisions in the transportation planning process. Corridor planning also plays an important role in implementing congestion management strategies, such as access management and performance based planning, a vital component of the 2040 Long Range Transportation Plan.

Study Area: The study area includes the 1.2-mile stretch of Washington Road (SR 104) between Flowing Wells Road and Davis Road; 0.45 mile of Columbia Road (SR 232) between Flowing Wells Road and Washington Road; 0.2 miles of Old Evans Road from Martinez Boulevard to Washington Road; and a 0.75 mile of Bobby Jones Expressway (SR 232) from Washington Road to Old Trail Road. This area includes three (3) regional CMP corridors as defined in the ARTS MPO 2040 LRTP and Congestion Management System and Monitoring Report -2014: Washington Road (SR 104), Columbia Road (SR 232) and I-520/Bobby Jones Expressway.

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.

FY 2018 Work Activities and Schedule: The Augusta Planning and Development Department with assistance from the Procurement Department will lead the procurement process to secure professional consultants to conduct thorough analysis and plan for major corridors and sub-area in the Martinez Area of Columbia County.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Develop Memorandum of Understanding	Tentative
2. Draft Request of Proposal (RFP) and submit to FHWA and GDOT for review and approval.	Tentative
3. MPO Partner Review of RFP	Tentative
4. MOU Approved by Richmond and Columbia Co. Commissions	Tentative
5. Review and approve Draft Request for Proposal (RFP) by the Test Network Subcommittee and Technical Coordinating Committee.	Tentative
6. Review and approve Draft Request for Proposal (RFP) by the Citizens Advisory Committee (CAC).	Tentative
7. Review and approve Draft Request for Proposal (RFP) by Policy Committee (PC).	Tentative
8. Submit request to release a solicitation to hire consultant(s) for CMP Update. Assist Procurement Dept. with Solicitation for RFP	Tentative
9. Submit RFP Solicitation, project cost estimate, and draft advertisement to FHWA, GDOT and SCDOT for approval and revise if necessary	Tentative
10. Request to Hire Consultants Approved by Augusta Richmond County Commissions	Tentative
11. Prepare RFP Solicitation	Tentative

ACTIVITIES	EXPECTED COMPLETION DATE
12. FHWA and GDOT review of RFP Solicitation	Tentative
13. Form consultant selection committee	Tentative
14. Release Solicitation for Consultant Services	Tentative
15. Review Proposals	Tentative
16. Short list Consultants	Tentative
17. Consultant Proposal Presentations	Tentative
18. Contract Negotiations	Tentative
19. Contract Approval and Award	Tentative
20. Issue Notice to Proceed	Tentative
21. Project Study Period (12 month)	Tentative

Product(s):

1. Memorandum of Understanding
2. Request for Proposal (RFP)
3. Procurement solicitation
4. Consultant agreement/ Executed Contract

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agencies: Augusta Planning and Development Department (APDD), and Columbia County Planning Services Division and Engineering Services Division.

FUNDING SOURCE	RESPONSIBLE AGENCY		
	APDD	COLUMBIA CO.	TOTALS
FHWA-GA PL Funds (Metropolitan PL Fund Award)	\$400,000.00	\$0.00	\$400,000.00
APDD Local Match - Columbia County GA	\$0.00	\$100,000.00	\$100,000.00
In-kind Contribution (Columbia Co. Traffic Data Collection)	\$0.00	\$35,000.00	\$35,000.00
TOTAL	\$400,000.00	\$135,000.00	\$535,000.00

4.5.2 Special Transportation Studies – Aiken County Project Prioritization Tool

Purpose: In 2007, SC Legislative Act 114 was enacted. Act 114 requires MPOs to follow legislative guidance on prioritizing transportation projects. Act 114 provides a framework for evaluating road widening, intersection, and new construction improvements, based on the legislative guidance. Within the law, MPOs have the discretion of using the statewide list to establish local priorities or they may use SCDOT commission-approved criteria consistent with Act 114 in addition to other criteria that address local desires and/or concerns related to transportation improvements.

During the development of the ARTS 2035 LRTP in 2010, the Aiken County Transportation Coordinating Subcommittee developed the following Act 114 compliant rankings for widening projects, intersection projects, and new construction projects. They were approved by the SCDOT Commission in the form of a MS Access based platform application that came to be known as the Aiken County Project Prioritization Tool.

The ranking criteria included in Act 114 reviews, traffic and congestion, safety, financial viability, economic development, pavement condition, truck traffic, and environmental impact. However, Aiken County added Livability measures to the project prioritization process and developed a transparent tool to store the data and rank the projects.

The purpose of upgrading the Project Prioritization Tool is 1) to include multimodal project options for the first time and 2) to make the Tool more suitable for prioritizing projects on the GA side of the MPO in an effort to meet federal transportation planning requirements.

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; and reducing (or mitigating) the stormwater impacts of surface transportation; and
10. Enhancing travel and tourism.

Previous Work: Whiskey Road (SC-19 South) Corridor Study (2017)

FY 2018 Work Activities and Schedule: Prepare draft scope of work, request for proposal, procurement and selection of professional consultant and update Project Prioritization Tool.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Draft RFP	September 2017
2. Release solicitation for Bid	October 2017
3. Short list Consultants and Award Contract	November 2017
4. Study Period	January 2018 – June 2018

Product(s):

1. Draft scope of work,
2. Request for Proposal (RFP),
3. Release solicitation for bid, ,
4. Award contract
5. Aiken County Project Prioritization Tool Upgrade.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agency: Aiken County, City of Aiken, North Augusta, and SCDOT with assistance by APDD, GDOT and ARTS MPO committees.

FUNDING SOURCE		ACPDD		TOTALS
SC DOT (PL Match)	\$	60,000.00	\$	60,000.00
ACPDD (SC PL Match)	\$	15,000.00	\$	15,000.00
TOTAL	\$	75,000.00	\$	75,000.00

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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

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 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:

1. The ARTS Transportation Improvement Program (TIP) was updated based on amendments and administrative modifications during the previous fiscal year.
2. ARTS staff updated the funding application process for the Transportation Alternatives Program (TAP) to include changes in funding requirements in the FAST Act.
3. ARTS staff released a solicitation for new Transportation Alternatives – Set-aside Projects for FY 2017-2018 funds for Richmond and Columbia Co., GA. Project implementation is ongoing for existing projects.

FY 2018 Work Activities and Schedule: TIP updates and amendments will be integrated with work element 4.1.1- Performance Based Planning.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Document public comments on Draft FY 2017 – 2022 TIP (GDOT STIP update)	September 2017
2. TIP Update and Performance Based Planning Integration	December 7, 2017 – January 31, 2018
3. Develop Draft TIP	March 2018
4. Test Transportation Network	March 2018

ACTIVITIES	EXPECTED COMPLETION DATE
5. TIP Update and Performance Based Planning Integration for TIP amendments	April 2018
6. Draft ARTS FY 2018 – 2022 TIP	April 2018
7. Adopt Draft TIP	June, 2018
8. Complete Public Review and Agency Consultation	July 2018
9. Adopt Final TIP	September, 2018
10. Implement TIP	Ongoing beginning July 1, 2018

Following are the basic steps in the development of the TIP.

1. **Test Transportation Network** – Under the guidance of the Test Network Subcommittee, the ARTS travel demand model is tested based on updated conditions (e.g. socioeconomic factors, projects moving to construction, etc.) in order to develop an updated profile of regional transportation needs.
2. **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. **Update Transportation Project GIS Interactive online map** – this is a visualization tool that provide the public and others an opportunity to review transportation projects and implementation schedule. The public can also submit comments and questions during the formal public review and comment period. The ARTS web site will also be updated.
5. **Adopt Draft TIP** – The draft TIP is adopted by the ARTS Policy Committee
6. **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
7. **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.
8. **Implement TIP** – Projects in the TIP are implemented in accordance with the approved schedule. Implementation is done cooperatively by all stakeholders. During the course of implementation, it may be necessary to amend the TIP in response to changes in the scope, cost or priority of projects.

Product(s):

1. Updated ARTS Transportation Improvement Program (TIP).
2. Updated GIS Interactive LRTP/TIP Maps and GIS attribute database.

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Responsible Agencies: Augusta Planning and Development Department (APDD), Georgia Dept. of Transportation, South Carolina Dept. of Transportation, Aiken County Planning and Development Department (ACPDD), Augusta Public Transit Department (APT) and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	APDD	ACPDD	LSCOG	
FHWA (GA PL)	\$20,000.00			\$20,000.00
APDD (GA PL Match)	\$5,000.00			\$5,000.00
FHWA (SC PL)	\$1,600.00	\$4,000.00		\$5,600.00
ACPDD (SC PL Match)	\$400.00	\$1,000.00		\$1,400.00
FTA (SEC 5303)	\$6,000.00		\$2,000.00	\$8,000.00
GA DOT (SEC 5303 Match)	\$750.00			\$750.00
APDD (SEC 5303 Match)	\$750.00			\$750.00
LSCOG (SEC 5303 Match)			\$500.00	\$500.00
TOTAL	\$34,500.00	\$5,000.00	\$2,500.00	\$42,000.00

VI Unfunded Priorities - Transportation Planning Tasks

6.0 Unfunded Priorities - Transportation Planning Tasks

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:

1. Reduce/mitigate congestion and improve traffic safety
2. Increasing mobility during peak travel times
3. Optimizing the relationship between land use and transportation
4. Determining the location and feasibility of other multimodal systems
5. Evaluate existing and future travel
6. 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.

FY 2018 Work Activities and Schedule: ARTS staff will prepare and submit a MPO PL funding application during the fiscal year as local matching funds are budgeted by Augusta Richmond County. Augusta Planning and Development Department will solicit professional consultant services to conduct Develop Performance Measures Indicator and Tracking Dashboard; Bicycle and Pedestrian Plan Update, Freight Plan Update and Corridor Planning in Richmond County. The APDD will work with the Engineering Dept. for Augusta Richmond County.

Products: Performance Measures Indicator and Tracking Dashboard; Bicycle and Pedestrian Plan Update and Freight Plan Update. Gordon Highway Multimodal Corridor Plan, Peach Orchard Multimodal Corridor Plan;

Work Schedule: July 1, 2017 to June 30, 2019

Responsible Agency: Augusta Planning and Development Department

COST ESTIMATE AND PROPOSED FUNDING SOURCE:

Richmond County Corridor Planning Budget = \$375,000

Performance Measures Indicator and Tracking Dashboard = \$100,000

Bicycle and Pedestrian Plan Update = \$75,000

Freight Plan Update= \$100,000

FUNDING SOURCE	RESPONSIBLE AGENCY	
	APDD	TOTALS
UNFUNDED GEORGIA/FEDERAL	\$520,000.00	\$520,000.00
UNFUNDED LOCAL MATCH	\$130,000.00	\$130,000.00
TOTAL	\$650,000.00	\$ 650,000.00

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Figure 1: FY 2018 UPWP BUDGET

ARTS FY 2018 UPWP WORK ELEMENTS BY FUNDING SOURCE	AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT							AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)		TOTAL
	FHWA GA PL	APDD MATCH	FHWA SC PL	ACPDD MATCH	FTA SEC 5303 FUNDS	SEC 5303 GA STATE MATCH	SEC 5303 APDD MATCH	FHWA SC PL	ACPDD MATCH	FTA SEC 5303 SC PL	SEC 5303 LSCOG MATCH	
1.1 Program Coordination/Administration	\$36,036.00	\$9,009.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$43,600.00	\$10,900.00	\$3,000.00	\$750.00	\$110,795.00
1.2 Training/Employee Education	\$8,000.00	\$2,000.00	\$0.00	\$0.00	\$4,400.00	\$550.00	\$550.00	\$4,800.00	\$1,200.00	\$4,500.00	\$1,125.00	\$27,125.00
1.3 UPWP	\$6,800.00	\$1,700.00	\$800.00	\$200.00	\$5,200.00	\$650.00	\$650.00	\$2,000.00	\$500.00	\$3,000.00	\$750.00	\$22,250.00
Subtotal: Program Administration	\$50,836.00	\$12,709.00	\$6,800.00	\$1,700.00	\$9,600.00	\$1,200.00	\$1,200.00	\$50,400.00	\$12,600.00	\$10,500.00	\$2,625.00	\$160,170.00
2.1 Community Outreach / Education	\$20,400.00	\$5,100.00	\$2,000.00	\$500.00	\$12,000.00	\$1,500.00	\$1,500.00	\$4,400.00	\$1,100.00	\$2,000.00	\$500.00	\$51,000.00
Subtotal: Public Involvement	\$20,400.00	\$5,100.00	\$2,000.00	\$500.00	\$12,000.00	\$1,500.00	\$1,500.00	\$4,400.00	\$1,100.00	\$2,000.00	\$500.00	\$51,000.00
3.1 Environmental Justice & Socioeconomic Data	\$8,000.00	\$2,000.00	\$1,200.00	\$300.00	\$0.00	\$0.00	\$0.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$13,500.00
3.2 Land Use Monitoring	\$10,000.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$19,000.00
3.3 Transportation Surveys, Models & Analysis	\$12,000.00	\$3,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$17,500.00
3.4 Environmental Justice / Title VI	\$0.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$400.00	\$400.00	\$3,200.00	\$800.00	\$1,000.00	\$250.00	\$9,250.00
3.5 GIS Development & Applications	\$24,000.00	\$6,000.00	\$0.00	\$0.00	\$4,000.00	\$500.00	\$500.00	\$40,000.00	\$10,000.00	\$0.00	\$0.00	\$85,000.00
Subtotal: Data Collection	\$54,000.00	\$13,500.00	\$1,600.00	\$400.00	\$7,200.00	\$900.00	\$900.00	\$51,600.00	\$12,900.00	\$1,000.00	\$250.00	\$144,250.00
4.1 Long Range Plan	\$22,160.00	\$5,540.00	\$800.00	\$200.00	\$6,200.00	\$775.00	\$775.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$40,450.00
4.1.1 Performance Based Planning	\$18,400.00	\$4,600.00	\$0.00	\$0.00	\$8,000.00	\$1,000.00	\$1,000.00	\$8,000.00	\$2,000.00	\$2,000.00	\$500.00	\$45,500.00
4.2 Congestion Management	\$20,000.00	\$5,000.00	\$800.00	\$200.00	\$4,000.00	\$500.00	\$500.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$34,000.00
4.2.1 Air Quality Issues	\$0.00	\$0.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$3,600.00	\$900.00	\$0.00	\$0.00	\$6,500.00
4.3 Public Transit / Paratransit	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4.3.1 Program Admin - APT	\$0.00	\$0.00	\$0.00	\$0.00	\$58,200.00	\$7,275.00	\$7,275.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72,750.00
4.3.2 Management & Operations - APT	\$0.00	\$0.00	\$0.00	\$0.00	\$32,200.00	\$4,025.00	\$4,025.00	\$0.00	\$0.00	\$2,000.00	\$500.00	\$42,750.00
4.3.3 Program Admin - SC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,000.00	\$1,750.00	\$8,750.00
4.3.4 Transit Project Admin - SC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,400.00	\$1,100.00	\$5,500.00
4.3.5 Update of Complementary Paratransit Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$14,400.00	\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$1,500.00	\$375.00	\$19,875.00
4.3.6 Marketing / Public Information - SC; & GA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$250.00	\$1,250.00
4.3.7 Short Range Transit Planning - SC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$2,000.00	\$10,000.00
4.3.8 Long Range Transit Planning - SC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,000.00	\$500.00	\$2,500.00
4.3.9 Transit Financial Planning - SC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,600.00	\$1,150.00	\$5,750.00
4.4 Intermodal Planning	\$20,000.00	\$5,000.00	\$400.00	\$100.00	\$4,058.00	\$507.25	\$507.25	\$3,200.00	\$800.00	\$0.00	\$0.00	\$34,572.50
4.5 Special Transportation Studies - CMP Update	\$140,000.00	\$35,000.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$203,000.00
4.5.1 Special Transportation Studies -Corridor Planning – Central Martinez Area Access Management Plan (Columbia County)	\$400,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
4.5.2 Special Transportation Studies - Project Prioritization Tool Update - Aiken County	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00	\$15,000.00	\$0.00	\$0.00	\$75,000.00
SUBTOTAL: System Planning	\$620,560.00	\$155,140.00	\$6,000.00	\$1,500.00	\$127,058.00	\$15,882.25	\$15,882.25	\$100,400.00	\$25,100.00	\$32,500.00	\$8,125.00	\$1,108,147.50
5.1 Transportation Improvement Program	\$20,000.00	\$5,000.00	\$1,600.00	\$400.00	\$6,000.00	\$750.00	\$750.00	\$4,000.00	\$1,000.00	\$2,000.00	\$500.00	\$42,000.00
SUBTOTAL: Transportation Improvement Program	\$20,000.00	\$5,000.00	\$1,600.00	\$400.00	\$6,000.00	\$750.00	\$750.00	\$4,000.00	\$1,000.00	\$2,000.00	\$500.00	\$42,000.00
GRAND TOTAL	\$765,796.00	\$191,449.00	\$18,000.00	\$4,500.00	\$161,858.00	\$20,232.25	\$20,232.25	\$210,800.00	\$52,700.00	\$48,000.00	\$12,000.00	\$1,505,567.50
Sub-total FY 2018 MPO PL & Local Match	\$365,796.00	\$91,449.00	\$18,000.00	\$4,500.00	\$161,858.00	\$20,232.25	\$20,232.25	\$210,800.00	\$52,700.00	\$48,000.00	\$12,000.00	\$1,005,567.50
FY 2018 GA MPO PL Supplemental PL Funds - 4.5.1 Work Element	\$400,000.00	\$135,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$535,000.00
Local inkind match provided by Columbia Co.	\$0.00	\$35,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,000.00
6.0 Unfunded - Corridor Planning Richmond County, Performance Measures Indicators And Tracking Dashboard, Bicycle and Pedestrian Plan Update and Freight Plan Update	\$520,000.00	\$130,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650,000.00
SUBTOTAL: Unfunded -MPO Supplemental GA PL Funds	\$520,000.00	\$130,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$2,000.00	\$0.00	\$0.00	\$650,000.00

2: Planning Focus Area Matrix

PLANNING WORK ELEMENTS

Planning Focus Area Matrix

	#1	#2	#3	#4	#5	#6	#7	#8
PROGRAM ADMINISTRATION & IMPLEMENTATION								
1.1 Program Coordination/Administration	x			x	x	x	x	x
1.2 Training/Employee Education	x				x			
1.3 UPWP					x	x	x	
PUBLIC INVOLVEMENT								
2.1 Community Outreach / Education	x	x	x	x	x			
DATA COLLECTION								
3.1 Environmental Justice & Socioeconomic Data							x	x
3.2 Land Use Monitoring		x	x		x		x	x
3.3 Transportation Surveys, Models & Analysis		x	x		x		x	x
3.4 Environmental Justice / Title VI					x		x	
3.5 GIS Development & Applications							x	
SYSTEM PLANNING								
4.1 Long Range Plan	x	x	x	x	x	x	x	x
4.1.1 Performance Measures	x	x	x	x	x	x	x	x
4.2 Congestion Management		x	x	x		x		
4.2.1 Air Quality Issues					x			x
4.3 Transit / Paratransit	x				x		x	x
4.3.1 Program Admin - APT	x				x		x	x
4.3.2 Management & Operations - APT	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
4.3.6 Marketing / Pubic Information - SC							x	x
4.3.7 Short Range Transit Planning - SC							x	x
4.3.8 Long Range Transit Planning - SC					x		x	x
4.3.9 Transit Financial Planning - SC	x				x		x	x
4.4 Intermodal Planning		x	x	x				x
4.5 Special Transportation Studies	x	x	x	x	x	x	x	x
TRANSPORTATION IMPROVEMENT PROGRAM								
5.1 Transportation Improvement Program							x	x

Planning Focus Areas

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

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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

Natalie Metcal
Notary Public

My Commission Expires May 25, 2019

My Commission Expires



Hardie Davis, Jr.
Signature

AGM
11/2/15

Signature

Name: Hardie Davis, Jr.

Title: Mayor

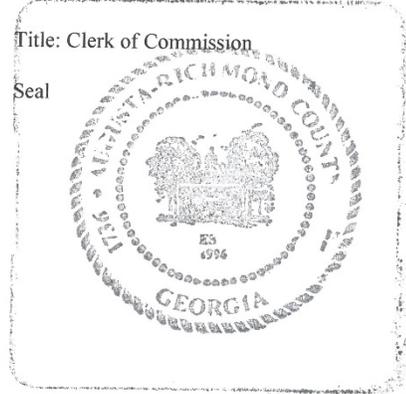
Attest:

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 D. Stephens
Transit Director - Patrick Stephens

Seal



CITY OF HEPZIBAH, GEORGIA

Madison Allen
Witness

Cynthia G. Barker
Notary Public

Dec 13, 2015

My Commission Expires:

Robert A. Buchwitz
Commission Chairman - Robert Buchwitz

Seal

CITY OF BLYTHE, GEORGIA

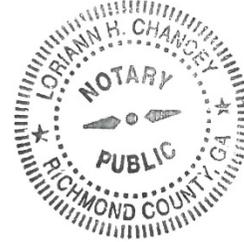
Witness

Loriann H. Chanvey
Notary Public
Richmond County, Georgia
My Commission Expires Nov. 8, 2015

My Commission Expires:

Brent Weir
Mayor - Brent Weir

Seal



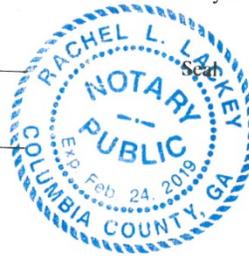
CITY OF GROVETOWN, GEORGIA

Witness

Rachel L. Lacey
Notary Public

2-24-2019
My Commission Expires:

Gary Jones
Mayor - Gary Jones



COUNTY OF COLUMBIA, GEORGIA

Witness

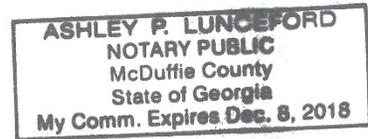
Patrice R. Crawley

Ashley P. Lunceford
Notary Public

December 8, 2018
My Commission Expires:

Ron Cross
Commission Chairman - Ron Cross

Seal



AUGUSTA GEORGIA PLANNING & DEVELOPMENT DEPARTMENT

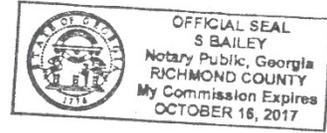
Paul T. Delcamp Jr.
Witness

Melanie Wilson
Director - Melanie Wilson

S. Bailey
Notary Public

Seal

October 16, 2017
My Commission Expires:



FORT GORDON, GEORGIA

Samuel G. Anderson
Witness

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

Antoinette White
Notary Public

Seal

20200104
My Commission Expires:



COUNTY OF AIKEN, SOUTH CAROLINA

Samara Sullivan
Witness

Ronnie Young
Council Chairman - Ronnie Young

Samara 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 T. 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

Doone Loxe 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]
Jannifer 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

Hardie Davis Jr., Mayor
Augusta, GA

Robert Buchwitz, Chairman
Hephzibah Commission

Russell McMurry, Commissioner
GA DOT

Lark Jones, Mayor
North Augusta, SC

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

Gary Jones, Mayor
Grovetown, GA

Jonathan Dicks, Mayor
Town of Burnetown, SC

Brent Weir, Mayor
City of Blythe

Ronnie Young, Chairman
Aiken County Council, SC

Samuel G. Anderson, Colonel
Fort Gordon, GA

Dean Campbell, Chairman
Edgefield County Council

Vernon Dunbar, Mayor
Town of New Ellenton, SC

Christy Hall, Secretary of Transportation
SC DOT

William Molnar, Executive Director
LSCOG

Patrick Stephens, Director
Augusta Public Transit

NON-VOTING

John N. Hardee
2nd Congressional District Commissioner
Commissioner

Ben H. Davis, Jr.
3rd Congressional District

Don Grantham, State Transportation Board
GA

Les Morton, Chairman, CAC
ARTS

Rodney Barry, Division Administrator
FHWA - GA

Robert Lee
FHWA - SC

Melanie Wilson, Project Director
ARTS

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

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

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

Mike Sullivan, Statewide Chief Planner
SCDOT

William Molnar, Executive Director
Lower Savannah Council of Governments

Ronald Price, Chief of Transportation
Fort Gordon, GA

Dana Luttrull, Transit Manager
Lower Savannah Council of Government

Mike Jordan, Planning Director
City of Aiken, SC

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

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

Glen Bollinger, Traffic Engineer
Augusta, GA

Mark Pleasant, Director of Planning
SCDOT

Todd Price, District 2 Engineer
GDOT

Kelly Gwin, Transportation Planning
Engineer
GDOT

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

NON-VOTING

Yolanda Morris, Transportation Planner
FHWA (SC)

Cynthia VanDyke, State Transportation Planning
Administrator, GDOT

Crystal Odum Ford, Transit Program Manager GDOT

Carletta Singleton, Strategic Planning Manager, APDD

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

Glenn Bowman, Environ Location
Engineer,
GDOT

Paul DeCamp, Deputy Director, 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:

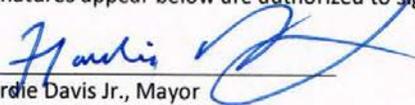
"Augusta Georgia in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d—42 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation 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.¹

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.

¹ 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 D



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 _____

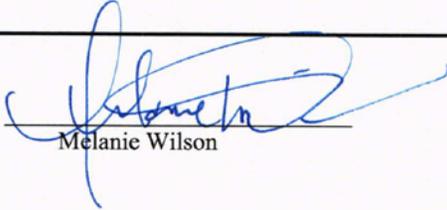


Identify any improvements you plan to implement before the next self-survey to better support Title VI communication to employees and program applicants.

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: 6/21/14

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

APPENDIX E

MPO Certification

CERTIFICATION OF THE AUGUSTA REGIONAL TRANSPORTATION STUDY

Be it known to all, the below signees do hereby endorse and certify the Metropolitan Planning Process for the Augusta Regional Transportation Study (ARTS), and further certify that the Metropolitan Planning Process is being conducted in accordance with all applicable requirements of:

I. 23 U.S.C. 134, 49 U.S.C. 5305, and this subpart

- Agreements are in place to address responsibilities of each MPO for its share of the overall Metropolitan Planning Area (MPA), where multiple Metropolitan Planning Organizations share geographic portions of a Transportation Management Area (TMA).
- All major modes of transportation are members of the MPO
- Any changes to the MPA boundaries were reflected in the Policy Board representation.
- Agreements or memorandums are signed and in place for identification of planning responsibilities among the MPO, GDOT, public transit operator(s), air quality agency(ies), or other agencies involved in the planning process.
- Roles and responsibilities are defined for the development of the Long Range Transportation Plan (LRTP), Transportation Improvement Program (TIP), Unified Planning Work Program (UPWP) and other related planning documents.

UPWP

- The UPWP documents in detail the activities to be performed with Title 23 and the Federal Transit Act.
- The UPWP activities are developed, selected and prioritized with input from the State and public transit agency(ies).
- The UPWP provides funding for the professional development of MPO staff.
- The final UPWP is submitted in a timely manner to GDOT with authorization occurring by before the MPO's fiscal year begins.
- Amendments to the UPWP are developed and processed in accordance with procedures outlined in the MPO's Participation Plan.
- Planning activities and status reports are submitted quarterly by the MPO to GDOT.

LRTP

- The LRTP incorporates a minimum 20-year planning horizon.
- The LRTP identifies both long-range and short-range strategies and actions leading to the development of an intermodal transportation system.
- The LRTP is fiscally constrained.

- The development of the LRTP and the TIP are coordinated with other providers of transportation (e.g. regional airports, maritime port operators)
- All of the Moving Ahead for Progress in the 21st Century Act (MAP-21) planning factors were considered in the planning process.
- The LRTP includes a discussion of types of potential environmental mitigation activities and potential areas to carry out these activities in consultation with federal, state and tribal land management and regulatory agencies.
- The Congestion Management Process (CMP) was developed as part of the LRTP in TMA's.
- The MPO approves the LRTP in a timely manner without entering into a planning lapse.
- Amendments to the LRTP/STIP/TIP follow the approved Amendment Process.
- The MPO approves LRTP amendments in accordance with procedures outlined in the MPO's Participation Plan.
- The transit authority's planning process is coordinated with the MPO's planning process.
- In non-attainment and maintenance areas the MPO, as well as FHWA and FTA, must make a conformity determination on any updated or amended LRTP in accordance with 40 CFR Part 93.

TIP

- The TIP is updated at least every 4 years, on a schedule compatible with STIP development.
- Each project included in the TIP is consistent with the LRTP.
- The MPO, GDOT and the transit operator collaborate on the development of the TIP.
- The TIP contains all projects to be funded under Title 23 U.S.C. and Title 49 U.S.C. Chapter 53.
- The TIP is financially constrained by year and revenue estimates reflect reasonable assumptions.
- The MPO TIP is included in the STIP by reference, without modification.
- Amendments to the LRTP/STIP/TIP follow the approved Amendment Process.
- In non-attainment and maintenance areas, the MPO as well as the FHWA and FTA must make a conformity determination on any updated or amended TIP in accordance with 40 CFR Part 93.

Participation Plan

- A 45-day comment period was provided before the Participation Plan process was adopted/revised.
- Transportation plans, programs and projects provide timely information about transportation issues and processes to citizens and others who may be affected.
- Opportunities are provided for participation for local, State, and federal environmental resource and permit agencies where appropriate.
- The public involvement process demonstrates explicit consideration and responsiveness to public input received during the planning and program development process.
- The transportation planning process identifies and addresses the needs of those traditionally underserved, including low-income and minority households.

- The disposition of comments and changes in the final LRTP and /or TIP are documented and reported when significant comments are submitted.
- Additional time is provided if the “final” document is significantly different from the draft originally made for public review.
- The MPO undertakes a periodic review of the public involvement process to determine if the process is efficient and provides full an open access for all.

CMP (applies to TMAs)

- In TMA’s, the planning process includes the development of a CMP that provides for effective management of new and existing transportation facilities through the use of travel demand reduction and operational management strategies, thus meeting the requirements of 23 CFR Part 500.
- The CMP is fully integrated into the overall metropolitan planning process.
- The CMP has established performance measures.
- The MPO has a process for periodically evaluating the effectiveness of the CMP.
- The CMP is updated on a periodic basis to reevaluate network strategies and projects.
- The CMP work activities are included in the UPWP.

List of Obligated Projects

- The MPO provides a listing for all projects for which funds are obligated each year, including bicycle and pedestrian facilities.
- The annual listing is made available to the public via the TIP or the LRTP.

II. In non-attainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93

- The MPO’s UPWP incorporates all of the metropolitan transportation-related air quality planning activities addressing air quality goals, including those not funded by FHWA/FTA.
- Agreements exist to outline the process for cooperative planning within full nonattainment/maintenance areas that are not designated by the MPO planning area.
- The MPO coordinates the development of the LRTP with SIP development and the development of Transportation Control Measures (TCM) if applicable.
- The LRTP includes design concept and scope descriptions of all existing and proposed transportation facilities in sufficient detail, regardless of funding source, to permit conformity determinations.
- The MPO’s TIP includes all proposed federally and non-federally funded regionally significant transportation projects, including intermodal facilities.
- If applicable, the MPO ensures priority programming and expeditious implementation of TCMP from the STIP.

- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21**
- The MPO has adopted goals, policies, approaches and measurements to address Title VI and related requirements.
 - The public involvement process is consistent with Title VI of the Civil Rights Act of 1964 and the Title VI assurance execution by the State.
 - The MPO has processes, procedures, guidelines, and/or policies that address Title VI, ADA, and DBE.
 - The MPO has a documented policy on how Title VI complaints will be handled.
 - The MPO has a demographic profile of the metropolitan planning area that includes identification of the locations of protected populations.
 - As appropriate, the planning process identifies/considers/addresses the needs of protected/traditionally underserved populations (low-income/minority as defined by the U.S. Census Bureau).
- IV. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment of business opportunity**
- The MPO adheres to all requirements prohibiting discrimination against a person under, a project, program, or activity receiving financial assistance under because of race, color, creed, national origin, sex, or age.
- V. Section 1101(b) of MAP-21 (Pub. L. 112-141) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects**
- The GDOT establishes overall goals for the percentage of work to be performed by DBE's based on the projections of the number and types of federal-aid highway contracts to be awarded and the number and types of DBE's likely to be available to compete for the contracts.
- VI. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts**
- The MPO as required by Title VII of the Civil Rights Act of 1964, does not discriminate on employment opportunities based on race, color, religion, sex, or national origin;
- VII. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38**
- The MPO as required by 49 U.S.C. 5332 prohibits discrimination on the basis of race, color, creed, national origin, sex, or age, and prohibits discrimination in employment or business opportunity, otherwise known as Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. 2000d, and U.S. DOT regulations, "Nondiscrimination in Federally-Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act," 49 CFR part 21 at 21.7.

VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance

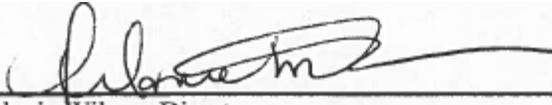
- The MPO has identified strategies and services to meet the needs of older persons' needs for transportation planning and programming.

IX. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender

- The MPO adheres to the Act on Equality between women and men and prohibits both direct and indirect discrimination based on gender.
- The MPO adheres to the Equal Pay Act of 1963 (EPA), which protects men and women who perform substantially equal work in the same establishment from sex-based wage discrimination;

X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

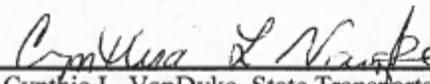
- The MPO adheres to Title I and Title V of the Americans with Disabilities Act of 1990 (ADA), which prohibits employment discrimination against qualified individuals with disabilities in the private sector, and in state and local governments



Melanie Wilson, Director
Augusta Planning and Development Department
5/30/2017
Date



Radney Simpson, Assistant State Transportation Planning Administrator
Georgia Department of Transportation, Office of Planning
6/2/17
Date



Cynthia L. VanDyke, State Transportation Planning Administrator
Georgia Department of Transportation, Office of Planning
6-5-17
Date

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