



DRAFT FISCAL YEAR 2019

Unified Planning Work Program

FOR THE

AUGUSTA REGIONAL TRANSPORTATION STUDY

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In Cooperation With:
Aiken County Planning and Development Dept.
Augusta Public Transit Dept.
Lower Savannah Council of Government
Georgia Department of Transportation and
South Carolina Department of Transportation

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FOR THE
AUGUSTA REGIONAL TRANSPORTATION STUDY

PREPARED BY THE
AUGUSTA PLANNING AND DEVELOPMENT DEPARTMENT

IN COOPERATION WITH:
AIKEN COUNTY PLANNING AND DEVELOPMENT DEPT.
AUGUSTA PUBLIC TRANSIT DEPT.
LOWER SAVANNAH COUNCIL OF GOVERNMENT
GEORGIA DEPARTMENT OF TRANSPORTATION AND
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

SERVICING

CITY OF BLYTHE, CITY OF HEPZIBAH, RICHMOND COUNTY, GA, CITY OF GROVETOWN, GA,
COLUMBIA COUNTY, GA, FORT GORDON,
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

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LIST OF ACRONYMS

ACPDD	Aiken County Planning & Development Department	LSCOG	Lower Savannah Council of Governments
ADA	American with Disabilities Act of 1990	MAP-21	Moving Ahead for Progress in the 21st Century Act
ADTRC	Aging, Disability & Transportation Resource Center	MOU	Memorandum of Understanding
APDD	Augusta Planning & Development Department	MPA	Metropolitan Planning Area
APT	Augusta Public Transit	MPO	Metropolitan Planning Organization
ARTS	Augusta Regional Transportation Study	MSA	Metropolitan Statistical Area
ATMS	Advanced Transportation Management System	MTP	Metropolitan Transportation Plan
BFE	Best Friend Express	NTD	National Transit Database
CAC	Citizens Advisory Committee	NTI	National Transit Institute
CCPD	Columbia County Planning Department	PBPP	Performance-Based Planning and Programming
CMP	Congestion Management Process	PC	Policy Committee
COA	Comprehensive Operation Analysis	PPP	Public Participation Plan
COG	Council of Government	RTMA	Regional Transit Management Association
COOP	Continuity of Operations Plan	SC	South Carolina
CTPP	Census Transportation Planning Package	SCDOT	South Carolina Department of Transportation
EJ	Environmental Justice	SCDPS	South Carolina Department of Public Safety
FAST Act	Fixing America's Surface Transportation Act	TCC	Technical Coordinating Committee
FEMA	Federal Emergency Management Agency	TA	Transportation Alternatives (TA set-aside)
FHWA	Federal Highways Administration	TAZ	Traffic Analysis Zone
FTA	Federal Transit Administration	TCC	Technical Coordinating Committee
GA	Georgia	TDP	Transit Development Plan
GDOT	Georgia Department of Transportation	TIP	Transportation Improvement Program
GIS	Geographic Information Systems	TNSC	Test Network Subcommittee
ITS	Intelligent Transportation Systems	TSIR	Traffic Safety Improvement Report
LEP	Limited English Proficiency	UPWP	Unified Planning Work Plan
L RTP	Long Range Transportation Plan		

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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-2019 (July 1 – June 30).

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, Public Transit and Paratransit, Performance Based Planning, and Transportation Improvement Program. Special emphasis will be placed on the following areas:

- Updating the Congestion Management Plan (CMP);
- Creation of the 2045 Long-Range Transportation Plan (LRTP);
- Including Performance Based Planning in updating CMP and 2045 LRTP; ,
- Project prioritization tool update;
- Stakeholder involvement for freight, safety and security coordination (LRTP);
- Developing a regional transportation system database that includes monitoring and updating socio-economic and land use data (LRTP);
- Annual demographic and growth trends report (LRTP);
- Updating the regional land use geographic information system (GIS) mapping database (CMP & LRTP);
- Corridor/area planning (CMP & LRTP);
- Developing a framework to identify needs and coordinate stakeholders relative to Coordinated Human Services Plan (CMP & LRTP);
- Enhance public transit planning for fixed route bus, paratransit demand response and enhance mobility for seniors and persons with disabilities (CMP & LRTP);
- Regional Special Transportation Studies – Updating CMP, 2045 LRTP, Central Martinez Area Access Management Plan for Columbia County, GA Corridor Planning , and Aiken County Project Prioritization Tool;
- Implementing local and regional air quality initiatives (CMP & LRTP);
- Strengthening the public involvement process (CMP & LRTP).

2. ARTS MPO Overview

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 establishes the Nationally Significant Freight and Highway Projects (NSFHP) to provide financial assistance – competitive grants, known as Infrastructure for Rebuilding America Program (INFRA) grants, or credit assistance – to nationally and regionally significant freight and highway projects that align with the program goals to:

- Improve the safety, efficiency, and reliability of the movement of freight and people;
- Generate national or regional economic benefits and an increase in global economic competitiveness of the U.S.;
- Reduce highway congestion and bottlenecks;
- Improve connectivity between modes of freight transportation;
- Enhance the resiliency of critical highway infrastructure and help protect the environment;
- Improve roadways vital to national energy security;
- Address the impact of population growth on the movement of people and freight.

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, Fort Gordon; 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 (Figure 1).

3. Organizational Structure

The ARTS MPO consists of several committees that review and approve all amendments to the TIP/LRTP. The current structure of the meetings is quarterly, with each committee meeting a month before the subsequent committee. The role of each committee is described below.

Test Network Subcommittee (TNS) – made up of planners and engineers from the two states, local governments in the study area and regional planning agencies. The TNS committee is the first to discuss the merits of a project and associated phasing and costs. Any technical considerations not previously identified by ARTS staff is brought up at the meeting. This is also an opportunity for project sponsors to ask questions related to the project moving through the amendment process.

Technical Coordinating Committee (TCC) – made up of planners and engineers from the two states, the local governments in the study area and two regional planning agencies. The final draft detailed

information on a project is presented to the committee for recommended approval to the Citizens Advisory Committee.

Citizens Advisory Committee (CAC) – made up of citizens representing the jurisdictions and communities in the study area. The CAC provides local knowledge and citizen input on the projects and makes recommendations on the same to the Policy Committee.

Citizens Advisory Committee (CAC) Subcommittee – made up of citizens representing veterans, persons with disabilities, rural transportation, and private transportation providers. The CAC Standing Subcommittee provides local knowledge and citizen input on the transportation planning process and transportation improvement program.

South Carolina Technical Coordinating Committee – subcommittee for the South Carolina portion of the ARTS area made up of planners and engineers from the SCDOT and local governments. Final draft detailed information on a project is presented to the committee for recommended approval to the other ARTS MPO committees and the South Carolina Policy Subcommittee.

South Carolina Bicycle and Pedestrian Advocacy Committee (BPAC) – subcommittee for the South Carolina portion of ARTS made up of citizens, SC ARTS staff (ex-officio members), and other local officials (ex-officio members) advocating for bicycle and pedestrian transportation. This committee considers standalone projects as well as the bicycle and pedestrian or other multimodal transportation projects.

South Carolina Policy Subcommittee – includes local elected and appointed officials from the South Carolina portion of the ARTS area. The committee endorses projects for inclusion in the TIP and LRTP.

Policy Committee - voting members include elected officials from each local government in the study area, representatives from the Georgia and South Carolina Departments of Transportation, the Fort Gordon Garrison Commander and representatives of providers of public transportation. The Policy Committee is responsible for making the final decision on ARTS planning and programming issues, including amendments to the LRTP and TIP.

Figure 2: ARTS MPO Committees

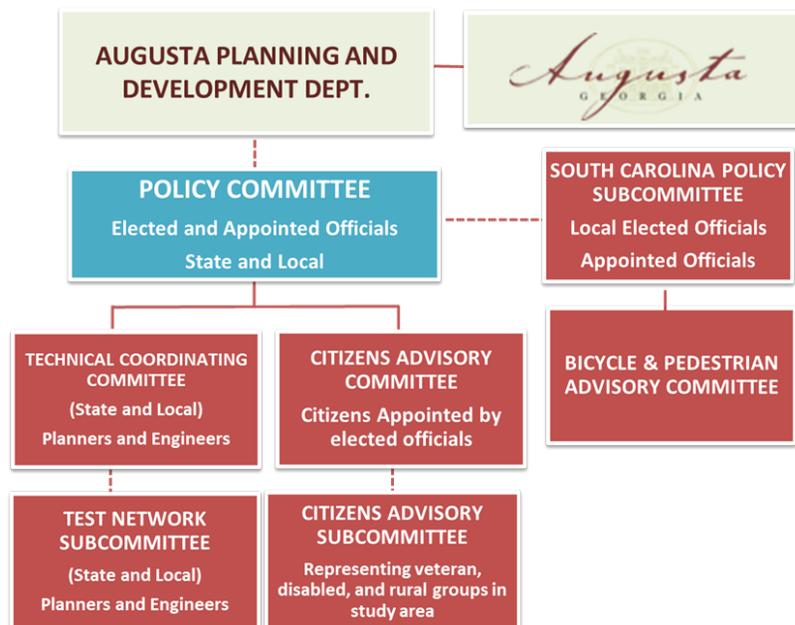
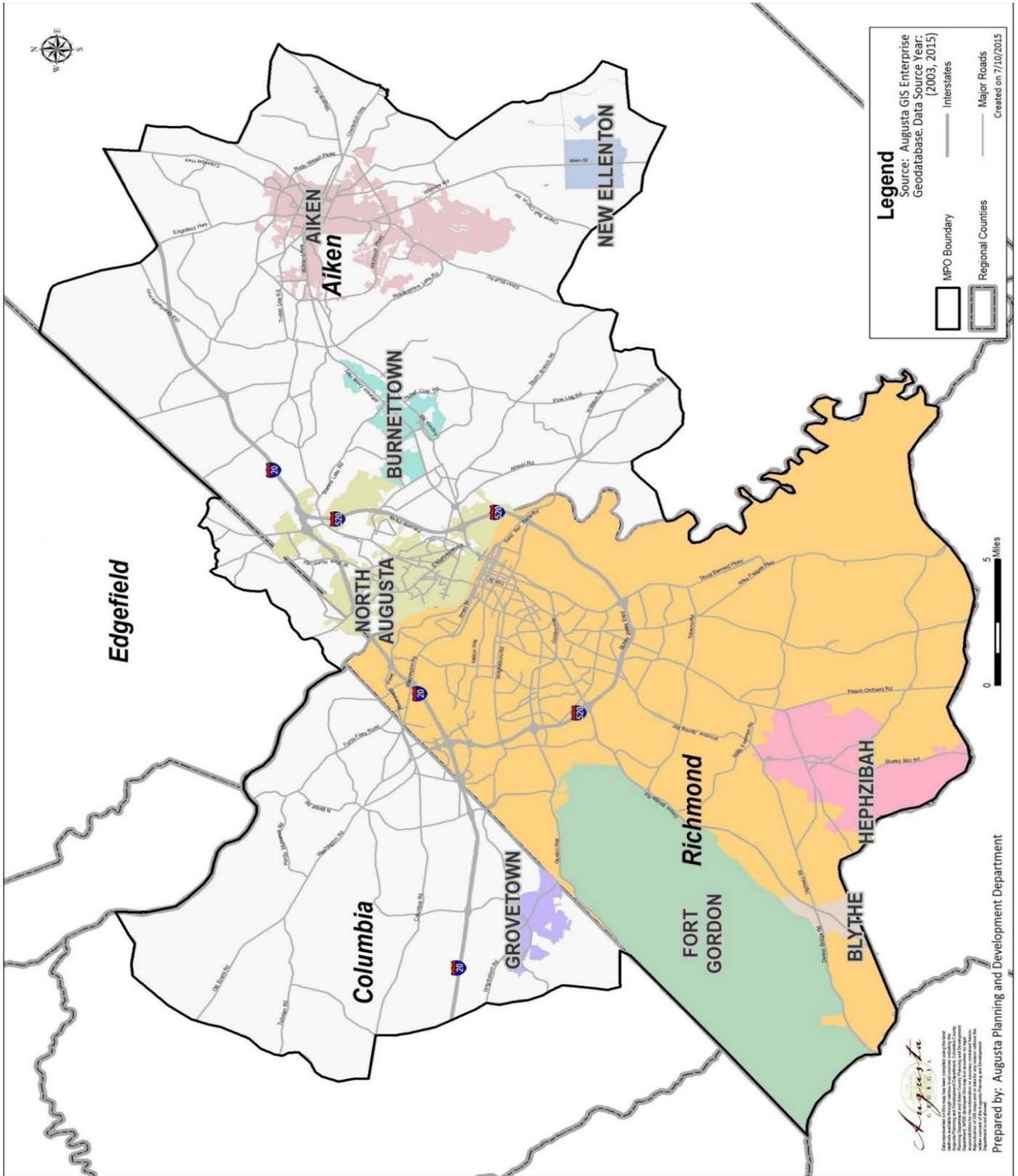


Figure 1: ARTS MPO Planning Area



4. MPO Planning Factors

FY 2019 UPWP Work Elements	Planning Factors									
	Economic Vitality	Safety	Security	Accessibility/Mobility	Enhance/Protect Environment	Integration/Connectivity	Management and Operation	Preservation	Resiliency/Reliability/ Mitigation	Enhance Travel and Tourism
Administration										
1.1 Program Coordination	X			X	X	X	X	X		
1.2 Training & Employee Education	X				X					
1.3 Unified Planning Work Program					X	X	X		X	
Public Involvement										
2.1 Community Outreach/Education	X	X	X	X	X					
Transportation Data Collection & Analysis										
3.1 Socioeconomic Data/Environmental Justice							X	X		
3.2 Land Use Monitoring		X	X		X		X	X	X	
3.3 Transportation Surveys, Model & Analysis		X	X		X		X	X	X	
3.4 Environmental Justice/Title VI					X		X			
3.5 GIS Development & Applications							X			
Transportation System Planning										
4.1 Long Range Plan	X	X	X	X	X	X	X	X	X	X
4.2 Congestion Management		X	X	X		X			X	X
4.2.1 Air Quality Issues				X	X			X		X
4.3 Intermodal Planning	X	X	X	X	X	X			X	X
4.4 Special Transportation Studies										
4.4.1 Congestion Management Process Update	X	X	X	X	X	X	X	X	X	X
4.4.2 Central Martinez Area Access Management Plan - Columbia County Corridor Planning	X	X	X	X	X	X	X	X		
4.4.3 2045 Long-Range Transportation Plan Update	X	X	X	X	X	X	X	X	X	X
Public Transit/Paratransit										
5.1 Program Support and Administration	X				X		X	X	X	
5.2 Long-Range Transportation Planning (System Level)	X				X		X	X	X	
5.3 Short-Range Transportation Planning	X				X		X	X	X	
5.4 Transportation Improvement Plan	X				X		X	X	X	
Performance Based Planning										
6.1 Performance Based Planning	X	X	X	X	X	X	X	X	X	
Transportation Improvement Program										
7.1 Transportation Improvement Program						X	X	X		

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

5. 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 2019 UPWP Work Element.

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	MPO PLANNING FACTORS	UPWP WORK ELEMENT
<p><i>Mobility, Accessibility & Connectivity</i> -Promote strategies that improve mobility and accessibility for motorized and non-motorized users including freight and goods movement.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Improve connectivity between modes of freight transportation;</p> <p>Address the impact of population growth on the movement of people and freight.</p>	<p>Improving transportation system resiliency and reliability,</p> <p>Enhancing travel and tourism,</p> <p>Increase the accessibility and mobility of people and freight,</p> <p>Enhance the integration and connectivity of the transportation system,</p> <p>Promote efficient system management and operation,</p> <p>Emphasize the preservation of the existing transportation system.</p>	<p>3.4 Environmental Justice/Title VI (44.27.00),</p> <p>4.1 Long Range Plan,</p> <p>4.3 Public Transit/Paratransit,</p> <p>4.4 Intermodal Planning (44.23.01),</p> <p>4.5 Special Transportation Studies,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Economic Vitality & Environmental</i> - Enhance the economic, social and environmental fabric of the region through coordinated transportation and planned land use.</p>	<p>Generate national or regional economic benefits and an increase in global economic competitiveness of the U.S.;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Improve connectivity between modes of freight transportation;</p> <p>Enhance the resiliency of critical highway infrastructure and help protect the environment.</p>	<p>Enhancing travel and tourism,</p> <p>Reducing or mitigating the stormwater impacts of surface transportation</p> <p>Protect and enhance the environment, energy conservation, improve quality of life, and promote consistency with planned growth and economic development patterns.</p>	<p>3.2 Land Use Monitoring,</p> <p>3.4 Environmental Justice/Title VI (44.27.00),</p> <p>4.1 Long Range Plan,</p> <p>4.2 Congestion Management (44.22.00),</p> <p>4.5 Special Transportation Studies,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	MPO PLANNING FACTORS	UPWP WORK ELEMENT
<p><i>Financial Feasibility</i> - 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.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Improve roadways vital to the national energy security.</p>	<p>Improving transportation system resiliency and reliability</p> <p>Support the economic vitality of the metropolitan area,</p> <p>Promote efficient system management and operation.</p> <p>Emphasize the preservation of the existing transportation system.</p>	<p>4.1 Long Range Plan,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Land Use & Transportation Integration</i> - Promote efficient land use and development patterns to improve safety and economic vitality to meet existing and future multi-modal transportation needs.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Generate national or regional economic benefits and an increase in global economic competitiveness of the U.S.;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Improve connectivity between modes of freight transportation;</p> <p>Enhance the resiliency of critical highway infrastructure and help protect the environment;</p> <p>Address the impact of population growth on the movement of people and freight.</p>	<p>Improving transportation system resiliency and reliability,</p> <p>Reducing or mitigating the stormwater impacts of surface transportation</p> <p>Protect and enhance the environment, energy conservation, improve quality of life, and promote consistency with planned growth and economic development patterns.</p> <p>Promote efficient system management and operation.</p> <p>Emphasize the preservation of the existing transportation system.</p>	<p>3.1 Socioeconomic Data/Environmental Justice,</p> <p>3.2 Land Use Monitoring,</p> <p>3.3 Transportation Survey, Model and Analysis,</p> <p>3.5 GIS Development and Application,</p> <p>4.1 Long Range Plan,</p> <p>4.5 Special Transportation Studies,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	MPO PLANNING FACTORS	UPWP WORK ELEMENT
<p><i>Safety & Security</i> - Increase the security of the transportation system and promote strategies to reduce traffic crashes and injury outcomes.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Address the impact of population growth on the movement of people and freight.</p>	<p>Increase the security of the transportation system for motorized and non-motorized users.</p>	<p>4.1 Long Range Plan (44.23.01),</p> <p>4.5 Special Transportation Studies,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Maintenance, System Preservation & Operational Efficiency</i> - 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 freight.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Improve connectivity between modes of freight transportation;</p> <p>Enhance the resiliency of critical highway infrastructure and help protect the environment;</p> <p>Address the impact of population growth on the movement of people and freight.</p>	<p>Protect and enhance the environment, energy conservation, improve quality of life, and promote consistency with planned growth and economic development patterns.</p> <p>Promote efficient system management and operation.</p> <p>Emphasize the preservation of the existing transportation system.</p>	<p>1.1 Program Coordination,</p> <p>1.3 Unified Planning Work Program,</p> <p>4.1 Long Range Plan,</p> <p>4.3 Public Transit/Paratransit,</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Congestion</i> -Promote strategies to reduce traffic congestion and delay.</p>	<p>Improve the safety, efficiency, and reliability of the movement of freight and people;</p> <p>Reduce highway congestion and bottlenecks;</p> <p>Improve connectivity between modes of freight transportation.</p>	<p>Improving transportation system resiliency and reliability;</p> <p>Enhancing travel and tourism;</p> <p>Promote efficient system management and operation;</p> <p>Emphasize the preservation of the existing transportation system.</p>	<p>4.1 Long Range Plan (44.23.01),</p> <p>4.2 Congestion Management (44.22.00),</p> <p>5.1 Transportation Improvement Program (44.25.00)</p>

6. Transportation Planning Priorities

The 2040 LRTP 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. During FY 2019, ARTS staff will procure professional consultant(s) to update the CMP to align with federal guidelines for congestion management and performance based planning (See STS 4.4.1 for additional information). 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. Additionally, the MPO staff continuously monitor congestion in this region and produce an annual report. These activities can and will factor in monitoring the CMP and for future updates. By updating the Congestion Management Process, more defined information will be available from the CMP and LRTP allowing for better concept sketching before a project moves into engineering.

2045 Long-Range Transportation Plan Update – the 2045 Long-Range Transportation Plan update is due in September 2020. This update will begin during the FY 2019 and will contain updates that are necessary in response to changing transportation needs and priorities, and conform to transportation planning regulations. The MPO will procure a consultant to complete the update and its various components including the following areas: Freight Plan Update, Bicycle and Pedestrian Plan Update, Project Prioritization and Performance Measures as required by the FAST Act.

Corridor Planning - 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. The important study themes are reducing/mitigating congestion and improve traffic safety; increased mobility during peak travel times; optimizing the relationship between land use and transportation; access management, complete streets, enhance multimodal systems and connectivity; evaluate existing and future travel; and analyze the need and location for intersection improvements.

ARTS staff will continue to work with local and county planning departments with integration of land use and transportation planning into a more continuing, cooperative and comprehensive (3-C) planning process. Additionally, the ARTS MPO will complete the Central Martinez Area Access Management Plan – Columbia County Corridor Planning.

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 2018 through the development of a Coordinated Human Services Plan. During FY 2019, the ARTS transportation planning staff will continue to strive to provide access to essential services for Low-income, Minorities, Environmental Justice, Seniors and Individuals with Disabilities through better utilization of FTA Section 5310 funds to support mobility management and enhance transit service for seniors and disabled persons provided by APT and LSCOG. Additionally, the continued use of paratransit services within the ¼ mile buffer along fixed routes will be expanded by the new GIS address database. Both programs support regional transit improvements and the regional model of cooperation.

During FY 2019, 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 their current 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, Central Savannah River Area – Agency on Aging, Aiken County Agency on Aging and other social service agencies to address transit issues for the elderly and persons with disabilities through the implementation of the recently completed Coordinated Human Services Transportation Plan.

Performance Based Planning Programming – The integration of performance management concepts into the existing federally required transportation planning and programming processes involves using data to support *long-range* and *short-range* investment decision-making. For the FHWA, FAST Act establishes the following National Performance Goals for Federal highway programs: safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability and reducing project delivery delays.

In the ARTS MPO, the Safety Performance measures provided by GDOT and SCDOT will be adopted by the MPO every year by the end of February. Additionally, the ARTS MPO is working with GDOT, SCDOT, FHWA and FTA on the further development of future performance measures for roads and bridges, highway asset management, system performance and MPO coordination. The PBPP will be added to the 2040 Long-Range Transportation Plan and the 2017-2022 Transportation Improvement Plan as more information on the other Performance Measures are received from GDOT and SCDOT.

Coordinating Land Use and Transportation – Coordinating land use and transportation improvements is important given expected regional development patterns. In FY 2019, 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 2019, the MPO will work closely with local planning and development organizations to monitor updates to land use plans; reviewing site plans for regional model for existing or future traffic generators; 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. Coordinating Land Use and Transportation is an important component of the Long-Range Transportation Plan since it provides an opportunity to analysis the effects of growth, develop policy responses to regional issues, and determine the demand for public facilities. Additionally, Coordinating Land Use and Transportation enables local, regional and federal agencies to address access management, right-of-way concerns, utilities and stormwater issues using common expectations about future growth and development.

Intermodal Connections and Safety – Due to the presence of at-grade railroad crossings on roads throughout the study area there are many opportunities for conflicts between trains, vehicles and alternative modes of transportation. Cooperation between the railroads, transportation agencies and local governments are pertinent in resolving this long-term problem and improve traffic safety. ARTS staff will continue to work with the Technical Coordinating Committee (TCC), Policy Committee, and the 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.

7. Fiscal Year 2018 - Highlights and Accomplishments

- FY 2018 UPWP Amendments;
- FY 2017 – 2022 Transportation Improvement Program;
- Public Participation Plan Update;
- Public Meeting for TIP;
- Safety Performance Measures;
- Title VI FHWA Monitoring Report;
- Title VI FTA Monitoring Report
- 2040 LRTP and FY 2017 – 2022 Transportation Improvement Program administrative modifications and amendments;
- GDOT FTA 5303 Grant Applications for FY 2018 and FY 2019;
- FTA 5310 Program – administrative and grant management;
- Special Studies – Updating Congestion Management Process;
- ARTS Traffic Crash and Intersection Analysis – Annual Update;
- Traffic Incident Report – Annual Update;
- Alternative Transportation – Set-A-Side Program;
- Travel Volume Map;
- Level of Service (LOS) Map;
- Title VI Program Update – FTA including Environmental Justice – Burden Analysis;
- Regional Transportation System Database – Socioeconomic (SE) Data update, Traffic/Travel Data, and Annual Growth Trends Report;
- Special Studies – 2045 Long-Range Transportation Plan;
- FY 2019 UPWP;
- Comprehensive Operations Analysis completed;
- LSCOG – Transportation Development Plan completed;
- Whiskey Road Corridor Study (SC-19 South) completed.

8. Fiscal Year 2019 – Major Tasks

- FY 2020 UPWP;
- FY 2017 – 2022 Transportation Improvement Program administrative modifications and amendments;
- 2040 LRTP – Amendments, Modifications, Transit Capital Program of Projects (POP), Update Performance Measures and align them with the 2040 LRTP Goals and Objects, and CMS;
- GDOT FTA 5303 Grant Applications for FY 2020;
- FTA 5310 Program – administrative and grant management;
- Special Studies – Updating Congestion Management Process;
- Special Studies – 2045 Long-Range Transportation Plan;
- Special Studies - Central Martinez Area Access Management Study;
- ARTS Traffic Crash and Intersection Analysis – Annual Update;
- Traffic Incident Report – Annual Update;
- Alternative Transportation – Set-A-Side Program;
- Regional Transportation System Database – Socioeconomic (SE) Data update, Traffic/Travel Data, and Annual Growth Trends Report;
- FY 2019 Obligated Projects

9. 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
Whiskey Road Corridor Study (SC-19 South) completed	Aiken County Planning and Development Dept. with assistance of consultants completed a corridor study.	Completed
Comprehensive Operations Analysis	Augusta Public Transit with consultant services completed a COA to improve public transit service in Augusta Richmond County.	Completed
LSCOG – Transportation Development Plan	Lower Savannah Council of Governments completed a five-year Transit Development Plan for public transit service – Best Friends Express in Aiken County.	Completed
Special Studies – Congestion Management Process Update	Augusta Planning and Development solicited consultants to update the Congestion Management Process, conduct the Annual CMP Monitoring Report and develop Project Prioritization Process.	Ongoing in FY 2018 –FY 2019; expect to be completed Dec. 2018

RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA		
NAME	DESCRIPTION	DATE COMPLETED/ADOPTED
Special Studies – Central Martinez Area Access Management Study	Augusta Planning and Development will solicit consultants to develop the corridor area – Central Martinez Study to address traffic congestion and access management improvement concepts	Ongoing in FY 2018 –FY 2019; expect to be completed Dec. 2018
Special Studies –2045 Long range Transportation Plan update	Augusta Planning and Development will solicit consultants to develop the 2045 Long range Transportation Plan. APDD staff will update of SE data for the regional travel model; and procure consultants. This will include update to Freight Plan and Bicycle and Pedestrian Plan.	July – Nov. 2018; Work will be performed in FY 2018, 2019 and 2020

WORK ELEMENT 1 – ADMINISTRATION

TASK 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.

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 2019 Work Activities and Schedule: Activities under this work element include, but are not limited to the following:

ACTIVITY	EXPECTED COMPLETION DATE
1. Coordinate work among study participants, governments, and citizens.	Monthly & Quarterly FY 2019 Quarterly reports due on the 15 th day following the last day of the month.
2. Monitor work program schedule.	
3. Provide progress reports to all ARTS committees.	
4. Organize ARTS Committee meetings and preparing minutes of those meetings.	
5. Update ARTS Policy and Procedures Manual and ARTS committees' membership list.	
6. Travel to meetings with ARTS participants, as well as other transportation related meetings or conferences	
7. Amend the transportation planning process in response to changes in federal laws and regulations.	
8. Submit progress reports with quarterly requisitions and a year-end progress report with the final requisition.	
9. Procure consultant services for Central Martinez Area Access Management Plan– Columbia County Corridor Planning	Tentative

ACTIVITY	EXPECTED COMPLETION DATE
10. Exercise the Continuity of Operations (COOP) Plan for ARTS and identify gaps and areas needing improvements to ensure continuous operations in the event of a catastrophe.	To Be Determined

Work Schedule: Complete program coordination activities as detailed above during the program year. This task supports federal requirements for safety and security of ARTS transportation system.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$32,000.00		\$32,000.00
APDD (GA PL Match)	\$8,000.00		\$8,000.00
FHWA (SC PL)	\$6,000.00	\$43,600.00	\$49,600.00
ACPDD (SC PL Match)	\$1,500.00	\$10,900.00	\$12,400.00
FTA (SEC 5303)			\$0.00
LSCOG (SEC 5303 Match)			\$0.00
TOTAL	\$47,500.00	\$54,500.00	\$102,000.00

TASK 1.2 - Training & Employee Education (41.20.12)

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

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.
4. Additional training, meetings, conferences and workshops

FY 2019 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.

ACTIVITY	EXPECTED COMPLETION DATE
1. 2018 Georgia Chapter of APA Fall Conference	Sep/Oct 2019
2. 2019 Georgia Chapter of APA Spring Conference	March/April 2019
3. South Carolina American Planning Association Conference	Spring 2019
4. Georgia Association of MPOs Business Meetings and Annual Conference	TBD
5. Meetings/Workshops with GDOT, SCDOT, FHWA and FTA	On-Going
6. FTA Triennial Workshops	As Needed
7. SCDOT Public Transportation Workshop	TBD
8. Transportation Association of South Carolina (TASC) conference	Spring 2019
9. Georgia Bike Summit	Sep/Oct 2018
10. Transportation Research Board Tools of the Trade Transportation Conference	August 2018
11. South Carolina Annual MPO/COG Workshop	TBD
12. Georgia Transit Association Annual Conference	December 2018
13. National Transit Institute webinars	On-Going

Work Schedule: July 1, 2018 - June 30, 2019

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	LSCOG	TOTAL
FHWA (GA PL)	\$4,400.00			\$4,400.00
APDD (GA PL Match)	\$1,100.00			\$1,100.00
FHWA (SC PL)		\$4,000.00		\$4,000.00
ACPDD (SC PL Match)		\$1,000.00		\$1,000.00
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)			\$2,400.00	\$2,400.00
LSCOG (SEC 5303 Match)			\$600.00	\$600.00
TOTAL	\$11,000.00	\$5,000.00	\$3,000.00	\$19,000.00

TASK 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.

Previous Work

1. FY 2018 UPWP was approved September 14, 2017.
2. Tracked and documented UPWP work activities, budget and expenses to produce quarterly reimbursement report and performance report.

FY 2019 Work Activities and Schedule: The following activities will be undertaken by APDD, ACPDD and LSCOG in developing the UPWP:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Develop Draft of FY 2020 UPWP	Sept/Oct 2018
2. Complete activity descriptions & work schedules for work elements.	November 2, 2018
3. TCC endorses Draft FY 2020 UPWP	October 11, 2018
4. CAC endorses Draft FY 2020 UPWP	November 14, 2018
5. Policy Committee endorses Draft FY 2020 UPWP	December 6, 2018
6. E-mail Draft FY 2020 UPWP to state and federal agencies	December 10, 2018
7. Incorporate comments from reviewing agencies & other stakeholders	December 21, 2019
8. E-mail final FY 2020 UPWP to CAC/TCC	January 3, 2019
9. TCC endorses Final FY 2020 UPWP	January 10, 2019
10. CAC endorses Final FY 2020 UPWP	February 13, 2019
11. E-mail Final FY 2020 UPWP to Policy Committee	February 22, 2019
12. Policy Committee approves Final FY 2020 UPWP	March 7, 2019
13. Complete final version of FY 2020 UPWP	March 15, 2019
14. Mail Final FY 2020 UPWP to state and federal agencies	March 29, 2019

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

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	LSCOG	TOTALS
FHWA (GA PL)	\$5,200.00			\$5,200.00
APDD (GA PL Match)	\$1,300.00			\$1,300.00
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		\$4,160.00	\$9,360.00
GA DOT (SEC 5303 Match)	\$650.00			\$650.00
APDD (SEC 5303 Match)	\$650.00			\$650.00
LSCOG (SEC 5303 Match)			\$1,040.00	\$1,040.00
TOTAL	\$14,000.00	\$2,500.00	\$5,200.00	\$21,700.00

WORK ELEMENT 2 – PUBLIC INVOLVEMENT

TASK 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 and December 7, 2017. The Plan guides community outreach, education and public input into the regional transportation planning process. It also includes the steps to be taken to consult with other interested parties that have a stake in the transportation planning process. A variety of outreach and education techniques employed to obtain public input including advertising proposed changes to ARTS documents.

Previous Work

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. 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.
5. Published and distributed the ARTS newsletter
6. Distributed ARTS information at other public meetings
7. Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
8. Provided technical support to the Transit Citizen Advisory committee of the Augusta Public Transit Department.
9. Evaluated effectiveness of public involvement techniques
10. Responded to requests for information from the general public and other stakeholders.

FY 2019 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	On-Going
2. Public meetings for amendments and the annual update of the Transportation Improvement Program. Prepare meeting summaries and response to public questions.	On-Going
3. ARTS Newsletter	Quarterly

ACTIVITIES	EXPECTED COMPLETION DATE
4. Public meetings related to other ARTS Special Studies conducted during the program year. Prepare meeting summaries and response to public questions.	On-Going
5. Coordination outreach activities with the Community Outreach Coordinator for Richmond County.	On-Going
6. Placement of ARTS MPO documents in local libraries in the study area as reference periodicals.	On-Going
7. Update Online Interactive Public Forum – ARTS TIP/LRTP Interactive Transportation Projects	As Needed
8. 2045 LRTP Update – 1 st Public Meeting	March 2019
9. Public notices of outreach activities related to amendments of the ARTS Long Range Transportation Plan – 2045 Update	March 2019
10. Update Public Participation Plan to include Performance Measures adopted by ARTS Technical Coordinating Committee (TCC)	April 12, 2019
11. Update Public Participation Plan to include Performance Measures adopted by ARTS Citizen Advisory Committee	May 9, 2019
12. Update Public Participation Plan to include Performance Measures adopted by ARTS Policy Committee (PC)	June 6, 2019

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	LSCOG	TOTALS
FHWA (GA PL)	\$16,563.20			\$16,563.20
APDD (GA PL Match)	\$4,140.80			\$4,140.80
FHWA (SC PL)	\$2,000.00	\$4,800.00		\$6,800.00
ACPDD (SC PL Match)	\$500.00	\$1,200.00		\$1,700.00
FTA (SEC 5303)	\$15,600.00		\$2,000.00	\$17,600.00
GA DOT (SEC 5303 Match)	\$1,950.00			\$1,950.00
APDD (SEC 5303 Match)	\$1,950.00			\$1,950.00
LSCOG (SEC 5303 Match)			\$500.00	\$500.00
TOTAL	\$42,704.00	\$6,000.00	\$2,500.00	\$51,204.00

WORK ELEMENT 3 – TRANSPORTATION DATA COLLECTION AND ANALYSIS

TASK 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 and the provision of Essential Services to all under-served populations

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 all under-served populations. 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.

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 2019 Work Activities and Schedule: Activities under this work element focuses on the socioeconomic data used as inputs to the ARTS travel demand model.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Estimate updated population and housing based on building permit data. Specific dates are July 1 st and January 1 st .	On-Going
2. Collect school enrollment figures and allocate to TAZs.	March 2019
3. Collect latest employment estimates and allocate to TAZs based on known/observed trends.	April 2019
4. Compile latest Median Household Income Level estimates at the TAZ level.	April 2019
5. Assess impact of transportation projects on all under-served populations.	As Needed
6. 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.	April 5, 2019

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

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$3,000.00
FHWA (SC PL)	\$1,200.00	\$2,400.00	\$3,600.00
ACPDD (SC PL Match)	\$300.00	\$600.00	\$900.00
TOTAL	\$16,500.00	\$3,000.00	\$19,500.00

TASK 3.2 - Land Use Monitoring (44.22)

Purpose: Maintain and up-to-date land use database for providing access to Essential Services for all under-served populations and the transportation planning process. Land use information is useful in the annual update of socioeconomic estimates for the study area.

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 2019 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, 2019
2. Collect building permit and Certificate of Occupancy data for calendar year 2018 and allocate to SE data by TAZs.	Monthly/Quarterly
3. Produce ARTS MPO Annual Growth Trends Report	April 30, 2019
4. Consolidate data into single regional land use GIS layer.	April 30, 2019
5. Update, implement and monitor the Environmental Justice Plan through GIS data analysis and conduct the benefits/burden analysis relative to access to essential services, transportation improvement projects and capital public transit projects implemented within the MPO area.	April 5, 2019

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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$3,200.00		\$3,200.00
APDD (GA PL Match)	\$800.00		\$800.00
FHWA (SC PL)		\$5,200.00	\$5,200.00
ACPDD (SC PL Match)		\$1,300.00	\$1,300.00
TOTAL	\$4,000.00	\$6,500.00	\$10,500.00

TASK 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.

Previous Work

1. 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 2019 Work Activities and Schedule: This work element will be integrated with LRTP, Performance Based Planning, CMP and TIP.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Data collection for TAZ and 2045 LRTP	November 2018
2. Gather crash data from GDOT and SCDPS	April 2019
3. Update Traffic Crash Data Analysis Report	August 2019
4. Sort and compile data into required format	August 2019
5. Prepare maps to be used in the report	September 2019
6. Prepare draft Traffic Crash Data Analysis Report	October 2019
7. Present results of Traffic Crash Data Analysis Report to ARTS committees	December 2019
8. Prepare and publish final Traffic Crash Data Analysis Report	February 2020
9. FY 2019 Amend Long Range Transportation Plan and/or TIP to incorporate new Intersection Improvement Projects.	As Needed

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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$3,000.00
FHWA (SC PL)	\$400.00	\$2,400.00	\$2,800.00
ACPDD (SC PL Match)	\$100.00	\$600.00	\$700.00
TOTAL	\$15,500.00	\$3,000.00	\$18,500.00

TASK 3.4 - Environmental Justice/Title VI (44.27.00)

Purpose: Identify residential, employment, and transportation patterns for access to Essential Services for all under-served 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 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.

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 2040 LRTP and FY 2018-2022 TIP.

FY 2019 Work Activities and Schedule

ACTIVITIES	EXPECTED COMPLETION DATE
1. FY 2019 Conduct Benefits and Burdens analysis on amendments to the 2040 LRTP and FY 2017-2022 TIP as part of the PPP.	As Needed
2. FY 2019 Post ARTS studies and reports (e.g. UPWP, TIP, CMP, updates to demographic data and GIS spatial maps) on MPO website	As Needed
3. FY 2019 LSCOG will complete an Environmental Justice analysis for any future construction	As Needed
4. LSCOG and APT will submit to FTA through TrAMS the updated Title VI Plan for transit with LSCOG Board approved meeting notes highlighting Board acceptance of the updated plan including an updated Limited English Proficiency Plan (LEP).	April 1, 2019

Product(s)

1. Conduct Benefits and Burdens Analysis Report
2. Update Title VI Monitoring Report

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	LSCOG	TOTALS
FTA (SEC 5303)	\$3,200.00		\$1,200.00	\$4,400.00
GA DOT (SEC 5303 Match)	\$400.00			\$400.00
APDD (SEC 5303 Match)	\$400.00			\$400.00
LSCOG (SEC 5303 Match)			\$300.00	\$300.00
FHWA (SC PL)		\$3,200.00		\$3,200.00
ACPDD (SC PL Match)		\$800.00		\$800.00
TOTAL	\$4,000.00	\$4,000.00	\$1,500.00	\$9,500.00

TASK 3.5 - GIS Development & 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.

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 2018-2022 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 2019 Work Activities and Schedule

ACTIVITIES	EXPECTED COMPLETION DATE
1. Prepare and use GIS maps for transportation planning and analysis	On-Going
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	On-Going
3. FY 2019 Ongoing redesign, updates and maintenance of website information on ARTS meetings and public participation, and publish of plans, projects, reports and programs.	FY 2019
4. Post ARTS studies and reports (e.g. UPWP, TIP, CMP) on MPO website	As Needed
5. Purchase Computer Equipment and Software to support transportation planning functions and work tasks.	As Needed

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 ESTIMATES AND PROPOSED FUNDING SOURCES

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	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)		\$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	\$30,000.00	\$50,000.00	\$80,000.00

WORK ELEMENT 4 - TRANSPORTATION SYSTEM PLANNING

TASK 4.1 - Long Range Plan (44.23.01)

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

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, 4.2 - Congestion Management Process, 5.0-Public Transit and 6.1- Performance Based Planning.

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 will update the 2040 LRTP based on recommendations in special studies such as corridor plans and public transit plans completed during FY 2017.
3. Staff is developing a regional transportation system GIS database to support all transportation planning work tasks.

FY 2019 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. Updates and amendments to the 2040 LRTP for new transportation projects, Transit Capital Program of Projects (POP), funding and performance measures and targets.	As Needed
2. Update Performance Measures to align with 2040 LRTP Goals and Objectives.	Dec 2018 - Jan 2019
3. Prepare Technical Staff Report with data analysis and GIS maps for performance measures including Safety Measures and targets.	Dec 2018 - Jan 2019
4. Update List of Administrative Amendments and Modifications to LRTP	As Needed
5. Under Special Transportation Studies 4.4.3, the MPO will be issuing an RFP for a consultant to complete the 2045 LRTP.	Start – July 2, 2018 Completion – September 3, 2020
6. Identify stakeholders with freight interest	On-Going
7. Prepare Draft Scope of Work review by FHWA, GDOT & SCDOT and other MPO Partners.	November 2017 FY 2018
8. Submit Draft Scope of Work for review by FHWA, GDOT & SCDOT and other MPO Partners.	November 2017 FY 2018

ACTIVITIES	EXPECTED COMPLETION DATE
9. Submit Request to release a solicitation to hire consultant(s) for CMPO Update. Assist Procurement Dept. with Solicitation for RFP.	December 1, 2017 FY 2018
10. Review and endorse Scope of Work for Request for Proposal (RFP) by Policy Committee (PC).	December 7, 2017 FY 2018
11. Submit RFP Solicitation, project cost estimate, and advertisement to FHWA, GDOT and SCDOT for review if necessary.	December 15, 2017 FY 2018
12. Release Solicitation for RFP to create 2045 Long-Range Transportation Plan – advertise	December 20, 2017 FY 2018
13. Review and discuss Scope of Work with the Test Network Subcommittee.	December 21, 2017 FY 2018
14. Review and discuss Scope of Work with Technical Coordinating Committee (TCC)	January 11, 2018 FY 2018
15. Review and discuss Scope of Work with the Citizens Advisory Committee (CAC).	January 17, 2018 FY 2018
16. Consult Proposals Due	January 22, 2018 FY 2018 (Tentative)
17. Review Proposals and short list consultants	January 24-31, 2018 FY 2018 (Tentative)
18. Conduct RFP Interviews and presentations	February 16, 2018 FY 2018 (Tentative)
19. Select Consultant(s)	February 16, 2018 FY 2018 (Tentative)
20. Document evaluation and selection process; prepare draft contract and submit draft agreement to FHWA and GDOT	February 19-28, 2018 FY 2019 (Tentative)
21. Present results of consultant selection process to Policy Committee	March 1, 2018 FY 2019 (Tentative)
22. Contract award and approval by Augusta-Richmond County Commission	March 6-13, 2018 FY 2018 (Tentative)
23. Prepare contract and submit agreement to FHWA and GDOT if necessary	March 6-13, 2018 FY 2018 (Tentative)

Product(s)

1. Implementation of the ARTS 2040 Long Range Transportation Plan will continue into FY 2019.
2. Amendments and updates to the Long Range Transportation Plan for performance measures and targets needed.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$16,000.00		\$16,000.00
APDD (GA PL Match)	\$4,000.00		\$4,000.00
FHWA (SC PL)	\$800.00	\$4,800.00	\$4,000.00
ACPDD (SC PL Match)	\$200.00	\$1,200.00	\$1,000.00
FTA (SEC 5303)	\$8,000.00		\$2,800.00
GA DOT (SEC 5303 Match)	\$1,000.00		\$350.00
APDD (SEC 5303 Match)	\$1,000.00		\$350.00
TOTAL	\$31,000.00	\$6,000.00	\$37,000.00

TASK 4.2 - Congestion Management Process (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 4.5.1 Special Transportation 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.

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. Updated 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 2019 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Annual data collection and update for Congestion Management	On-Going
2. Create, update and publish on the web site the annual traffic count GIS Map and level of service (LOS) table for congested corridors.	Sep - Dec 2018
3. Update online interactive GIS transportation project map to include existing and future traffic volumes and LOS.	Sep - Dec 2018
4. Update Performance Measures to align with Congestion Management	Dec 2018 - Jan 2019
5. Congestion Management Process Update & Monitoring Report	(See 4.4.1)

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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$16,000.00		\$16,000.00
APDD (GA PL Match)	\$4,000.00		\$4,000.00
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)	\$2,800.00		\$2,800.00
GA DOT (SEC 5303 Match)	\$350.00		\$350.00
APDD (SEC 5303 Match)	\$350.00		\$350.00
TOTAL	\$24,500.00	\$4,000.00	\$28,500.00

TASK 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.

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.

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 2019 Work Activities and Schedule:

ACTIVITIES	EXPECTED COMPLETION DATE
1. ARTS staff will explore participation in the EPA Advance Program to position the region to remain in attainment.	December 2018
2. Prepare Technical Memorandum on the Review of EPA Advance Program and ARTS Action steps.	December 2018

ACTIVITIES	EXPECTED COMPLETION DATE
3. Participate in local and regional air quality initiatives and activities.	On-Going
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.	On-Going
5. Monitor relevant air quality data;	On-Going
6. Coordinate the work of the CSRA Air Quality Alliance;	On-Going
7. Monitor developments related to federal air quality regulations and requirement;	On-Going
8. Attend air quality training workshops;	On-Going
9. Work with other stakeholders to maintain an air quality action plan and disseminate information to stakeholders in the study area.	On-Going

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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
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

TASK 4.3 - 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.

Previous Work

1. The 2040 LRTP and FY 2018-2022 TIP update includes 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 continued work compiling 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.

FY 2019 Work Activities and Schedule

ACTIVITIES	EXPECTED COMPLETION DATE
1. Complete Street Policy Technical Report	January 31, 2019
2. Education and outreach materials for bicycle and pedestrian safety	February 15, 2019
3. Collect data to create GIS map Critical Freight Corridors	April 2019
4. Collect and analyze traffic conflicts at railroad crossing	June 30, 2019
5. Regional Alternative Travel Demand Management Program and Marketing Plan including Bike/Pedestrian Safety Education Outreach Program and ARTS-MPO Re-branding	Monthly in FY 2019

Product(s)

1. Complete Street Policy Technical Report.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)	\$400.00	\$3,200.00	\$3,600.00
ACPDD (SC PL Match)	\$100.00	\$800.00	\$900.00
TOTAL	\$10,500.00	\$4,000.00	\$14,500.00

TASK 4.4.1 - 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.

Previous Work: The Congestion Management Process Update began in FY 2018 and will be completed in FY 2019.

FY 2019 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. Contract award and notice to proceed – term of contract March – December 2018	March 16, 2018 FY 2018 (Tentative)
2. Consultant begins performing Scope of Work Tasks 1, 2, 3 & 4	March 17 – June 30, 2018
3. Consultant begins performing Scope of Work Tasks 4, 5 & 6	July – Sep 2018 FY 2019
4. Consultant begins performing Scope of Work Tasks 6, 7, 8, 9 & 10	Sep – Nov 2018 FY 2019
5. Consultant submits final report and contract closeout	December 2018 FY 2019

Product(s)

1. Congestion Management Process Update

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

PL Funds and Local Match were included in the FY 2018 UPWP under GDOT supplemental agreement.

TASK 4.4.2 - 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, the impact of development 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 County, 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 presentations 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.

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.

FY 2019 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. Prepare Draft Scope of Work review by FHWA, GDOT & SCDOT and other MPO Partners.	Tentative
2. Submit Draft Scope of Work for review by FHWA, GDOT & SCDOT and other MPO Partners.	Tentative
3. Review and approve Draft Scope of Work by the Test Network Subcommittee.	Tentative

ACTIVITIES	EXPECTED COMPLETION DATE
4. Review and approve Draft Scope of Work by Technical Coordinating Committee (TCC)	Tentative
5. Review and approve Draft Scope of Work by Special Call meeting of the Citizens Advisory Committee (CAC).	Tentative
6. Review and approve Draft Scope of Work by Special Call meeting of Policy Committee (PC).	Tentative
7. Submit request to release a solicitation to hire consultant(s) for CMP Update. Assist Procurement Dept. with Solicitation for RFP	Tentative
8. Submit RFP Solicitation, project cost estimate, and draft advertisement to FHWA, GDOT and SCDOT for approval and revise if necessary	Tentative
9. Submit request to release a solicitation to hire consultant(s) for CMP Update	Tentative
10. Release Solicitation for RFP to Develop CMP - advertise	Tentative
11. Form consultant selection committee	Tentative
12. Review Proposals and short list consultants	Tentative
13. Conduct RFP Presentations	Tentative
14. Select Consultant(s)	Tentative
15. Document evaluation and selection process; prepare draft contract and submit draft agreement to FHWA and GDOT	Tentative
16. Contract approval by Augusta Richmond County Commission	Tentative
17. Contract award and notice to proceed	Tentative

Product(s)

1. Consultant agreement/Executed Contract

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	COLUMBIA CO.	TOTALS
FHWA-GA PL Funds (Metropolitan PL Fund Award)	\$400,000.00		\$400,000.00
APDD Local Match - Columbia County GA		\$65,000.00	\$65,000.00
In-kind Contribution (Columbia Co. Traffic Data Collection)		\$35,000.00	\$35,000.00
TOTAL	\$400,000.00	\$100,000.00	\$500,000.00

TASK 4.4.3 - Special Transportation Studies – 2045 Long Range Plan Update

Purpose: The 2045 Long-Range Transportation Plan update is due in September 2020. This update will begin during the FY 2019 and will contain updates that are necessary as a response to changing transportation needs and priorities, and conform to transportation planning regulations. The MPO will procure a consultant to complete the update and its various components including the following: Freight Plan Update, Bicycle and Pedestrian Plan Update, Project Prioritization and Performance Measures as required by the FAST Act.

Previous Work: 2045 Long Range Transportation Plan (LRTP)

FY 2019 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. Contract award and notice to proceed – term of contract March – December 2018	March 16, 2018 FY 2018 (Tentative)
2. Consultant begins performing Scope of Work Tasks 1, 2, 3 & 4	March 17 – June 30, 2018
3. Consultant begins performing Scope of Work Tasks 4, 5 & 6	July – September 2018; FY 2019
4. Consultant begins performing Scope of Work Tasks 6, 7, 8, 9 & 10	Sep – Nov 2018 FY 2019
5. Consultant submits final report and contract closeout	December 2018 FY 2019
6. Start - 2045 LRTP and Travel Demand Model Update	July 2, 2018
7. Prepare Base Year socioeconomic Data	July 2, 2018 – November 30, 2018
8. Prepare list of projects implemented/completed between 2011-2015 and develop Existing Conditions Analysis	November 13, 2018 –December 12, 2018
9. Prepare 2045 Plan Year Socioeconomic Data	December 17, 2018 – March 1, 2019
10. Provide 2045 Do-Nothing and Existing + Committed Project Lists	January 17, 2019 – February 11, 2019
11. Prepare Base Year Model	July 2, 2018 – January 25, 2019
12. Review or Present Base/Plan Year Network	March 18, 2019 – April 12, 2019
13. Develop project lists for the rest of the 2045 LRTP Network	February 21, 2019 – March 25, 2019
14. Develop Financial Constrained estimated costs for projects recommended for 2045 LRTP	May 17, 2019 – June 13, 2019
15. Compile Draft Multimodal 2045 LRTP (Projects) for Public Comment	May 31, 2019 – June 27, 2019

ACTIVITIES	EXPECTED COMPLETION DATE
16. The work involved with 2045 LRTP Update and Travel Demand Model Update continues	September 3, 2020
17. Contract award and notice to proceed – term of contract March – December 2018	March 16, 2018 FY 2018 (Tentative)
18. Consultant begins performing Scope of Work Tasks 1, 2, 3 & 4	March 17 – June 30, 2018
19. Consultant begins performing Scope of Work Tasks 4, 5 & 6	July – September 2018; FY 2019
20. Consultant begins performing Scope of Work Tasks 6, 7, 8, 9 & 10	Sep – Nov 2018 FY 2019
21. Consultant submits final report and contract closeout	December 2018 FY 2019

Product(s)

ARTS 2045 Long Range Transportation Plan

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department. Total budget estimate is \$325,000.

FUNDING SOURCE	APDD	ACPDD	TOTALS
GDOT (PL FUNDS)	\$196,000.00	\$0.00	\$196,000.00
APDD (PL MATCH)	\$49,000.00	\$0.00	\$49,000.00
SC DOT (PL MATCH)	\$0.00	\$64,000.00	\$64,000.00
ACPDD (SC PL MATCH)	\$0.00	\$16,000.00	\$16,000.00
TOTAL	\$245,000.00	\$80,000.00	\$325,000.00

WORK ELEMENT 5 - PUBLIC TRANSIT/PARATRANSIT

TASK 5.1 - Program Support and Administration (44.21.00)

Purpose: To provide overhead, program support and general administrative costs directly chargeable to FTA. This task includes Training/Employee Education, Unified Planning Work Program and Public Administration.

Previous Work

1. Prepared and submitted for review and approval grant applications and the NTD report.
2. Assisted with production of Comprehensive Operational Analysis and siting site for APT's new Transit Bus Maintenance and Administration facility.
3. Grant management for implementing FTA Section 5310 Enhanced Mobility for the Elderly and Disabled persons for APT and LSCOG.
4. Assisted with transit service area GIS mapping and geo-coding addressing matching.

FY 2019 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.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Preparing required certifications,	January 2019
2. Update the Annual Title VI Monitoring Report	June 2019
3. Update socio-economic demographic GIS data analysis for EJ	December 2018 & June 2019
4. Provide public meeting for review and comment period for Program of Projects related to grant applications and fare/service changes	As Needed
5. Assisting in planning for transit system capital investments that will lead to increased security for the transit system	As Needed
6. Developing the Georgia public transportation portion of the UPWP	October 2018
7. Providing technical transit planning & grant management assistance related to Coordinated Human Services Transportation, ADA accessibility, transit service operation improvements, land use & transportation, transit oriented development & other issues.	As Needed
8. FY 2019 FTA 5303 Quarterly Reports to GDOT and SCDOT	Oct, Jan, Apr, Jun
9. Facilitate MPO committee meetings for agenda items for transit.	Quarterly
10. 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
11. FY 2019 Invoices and MPR reporting for Section 5310 Program	Monthly by the 5 th
12. Assist with Program of Projects and transit funding tables in TIP for APT and LSCOG.	June & July 2018

ACTIVITIES	EXPECTED COMPLETION DATE
13. FTA Section 5307 Grant Application SC	June 1, 2019
14. Procurement and Contract Execution for BFE/DAR SC	June 30, 2019
15. FTA Section 5310 Sub recipient Application SC	February 15, 2019
16. Procurement and Contract Execution for 5310 Service SC	June 30, 2019
17. Semi-annual DBE Reporting for Urban Transit Services SC	Dec. & June 2018/19
18. FTA Required MPR and FFR Reporting for Grants in TrAMS SC	Annual
19. Quarterly Reporting for 5303 Planning Services SC	Quarterly
20. State Application to SCDOT for SMTF Funding SC	March 30, 2019
21. Monthly Reporting to SCDOT for the SMTF Grant Supporting the BFE Fixed Route SC	Monthly
22. Monthly Invoicing to MPO for 5310 Transit Service SC	Monthly
23. Attendance and Report Presentation to all ARTS Committees SC	Quarterly
24. Applications for Funding to be used as Local Match SC	Annual

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.
4. Various Grant Applications and Funding Requests
5. Various Monthly, Quarterly and Annual Reports
6. Attendance and Presentation to all Four ARTS Committees; Each Held Quarterly

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	LSCOG	TOTAL
FTA (SEC 5303) - GA	\$15,486.40	\$24,040.00	\$39,526.40
GA DOT (SEC 5303 Match)	\$1,935.80		\$1,935.80
APDD (SEC 5303 Match)	\$1,935.80		\$1,935.80
LSCOG (SEC 5303 Match)		\$6,010.00	\$6,010.00
TOTALS	\$19,358.00	\$30,050.00	\$49,408.00

TASK 5.2 - Long-Range Transportation Planning (System Level) (44.23.01)

Purpose: Include only the costs of activities specifically emphasizing long range transportation system planning and analysis. This task includes the following: Community Outreach/Education; Socioeconomic Data/Environmental Justice; Land Use Monitoring; Transportation Surveys, Models & Analysis; GIS Development & Application; Long Range Transit Planning; Performance Based Planning; Congestion Management; Air Quality Issues; Public Administration; Long-Range Transit Planning; and Intermodal Planning.

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 Individuals 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 2019 Work Activities and Schedule

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Continue assessing the financial capability of APT and secure other funding sources to implement recommendations from the COA.	On-Going
2. Update GIS mapping for address matching for transit service zones to schedule mobility trips and reservations for FTA Section 5310 Enhance Mobility for Seniors and Individuals with Disabilities.	July 16, 2018; January 16, 2019
3. Review transit system performance data reported to NTD.	October 30, 2017
4. Develop Tech Staff Report on performance measures for public transit.	November 15, 2017
5. Implementation Action Plan for recommendations in the TDP.	December 15, 2017
6. Administration of FTA 5310 Grant for APT and LSCOG. Monthly ridership report and invoices submitted to CSRA-RC.	Monthly on the 5 th
7. Develop Coordinated Human Service Framework for ARTS urbanized area served by APT and LSCOG.	November 30, 2017
8. Lower Savannah Council of Governments Newsletter SC	Aug 2018, Nov 2018, Feb 2019
9. LSCOG Updates and Amendments to the LRTP SC	As needed
10. Participate in Performance Based Planning for the Transit System	On-Going

Product(s):

1. ARTS will continue all tasks activities for FTA Section 5310 Enhance Mobility for Seniors and Individuals 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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (SEC 5303)	\$45,901.60	\$2,000.00	\$47,901.60
GA DOT (SEC 5303 Match)	\$5,737.70		\$5,737.70
APDD (SEC 5303 Match)	\$5,737.70		\$5,737.70
LSCOG (SEC 5303 Match)		\$500.00	\$500.00
TOTAL	\$57,377.00	\$2,500.00	\$59,877.00

TASK 5.3 - Short-Range Transportation Planning (44.24.00)

Purpose: Include only the costs of activities specifically emphasizing short-range transportation system or project planning and analysis proposed in the next three to five years. This task includes the following: Environmental Justice/Title VI; GIS Development & Applications; Public Transit/Paratransit/Coordinated Human Services Plan; Public Administration; Update of Complementary Para-transit Plan; Marketing/Public Information; Short Range Transit Planning; and Transit Financial Planning.

Previous Work

1. The annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit was prepared.

FY 2019 Work Activities and Schedule

ACTIVITIES	EXPECTED COMPLETION DATE
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.	On-Going
2. Review ridership data and address matching for reservations on ADA demand response service.	December 31, 2018
3. Update of Complimentary Paratransit Plan	December 31, 2018
4. Perform the Triennial Update to the Best Friend Express/LSCOG Title VI Plan with LSCOG Board Approval;	March 31, 2019
5. Review all demand response/paratransit services offered by LSCOG for Contractor’s current capacity and for unmet need in the community.	Annually no later than June 30, 2019
6. Participate with ARTS/MPO in a review and update, if needed, of any Regional Human Services Coordination Plan	On-Going or as requested from the MPO
7. Marketing Campaigns for “Free Fare Fridays” Events	On-Going
8. Marketing of any New or Revised Service	On-Going
9. Respond to Requests for Presentations to the Public or Agencies	On-Going
10. Keep displays stocked with printed brochures/schedules throughout various locations in Aiken County	On-Going
11. NTD Report and Validation Response	December 31, 2018
12. Attorney and Executive Director Signatures on Annual Certification & Assurances for FTA	March 1, 2019
13. Capital Vehicle Acquisition Planning	April 2019
14. Updates to Transit Asset Management Plan	May 2019
15. Update to Safety & Security Documents and Planning	June 2019
16. Review the TDP for Possible Implementation of Previous Recommendations	June 2019

Product(s)

1. Annual update of the complementary paratransit plan for Augusta Public Transit and Lower Savannah Council of Government (LSCOG).
2. Annual NTD Report
3. Annual Certs & Assurances
4. Transit Asset Management Plan Updates

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (SEC 5303)	\$30,500.00	\$8,200.00	\$38,700.00
GA DOT (SEC 5303 Match)	\$3,812.50		\$3,812.50
APDD (SEC 5303 Match)	\$3,812.50		\$3,812.50
LSCOG (SEC 5303 Match)		\$2,050.00	\$2,050.00
TOTAL	\$38,125.00	\$10,250.00	\$48,375.00

TASK 5.4 - Transportation Improvement Program (44.25.00)

Purpose: Include only the costs of activities specifically emphasizing TIP development and monitoring. This task includes the following: Community Outreach/Education; GIS Development & Applications; Public Administration; Management and Operations; and Transportation Improvement Plan.

Previous Work

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 will continue assisting APT, LSCOG, Central Savannah River Area – Agency of Aging, Georgia Dept. of Human Services, other local social services and health agencies with the implementation of the Regional Coordinated Human Services Plan to serve the urbanized area in Augusta-Richmond and Columbia Counties in 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 implementing the Coordinated Human Service Transportation Plan.

FY 2019 Work Activities and Schedule

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Review transit system performance data reported to NTD.	October 26, 2018
2. Develop Tech Staff Report on performance measures for public transit.	November 1, 2018
3. Implementation Action Plan for recommendations in the TDP.	December 14, 2018
4. Administration of FTA 5310 Grant for APT and LSCOG. Monthly ridership report and invoices submitted to CSRA-RC.	Monthly on the 5 th
5. FTA Section 5310 Performance Analysis for FY 2018	August 1, 2018
6. Implement recommendations from Coordinated Human Services Plan for ARTS urbanized area served by APT and LSCOG.	On-Going
7. GIS map and address matching for transit service zones to schedule mobility trips and reservations for ADA complementary trips.	On-Going

Product(s)

1. ARTS will continue all tasks activities for FTA Section 5310 Enhance Mobility for Seniors and Individuals 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 ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (SEC 5303)	\$16,100.00	\$4,000.00	\$20,100.00
GA DOT (SEC 5303 Match)	\$2,012.50		\$2,012.50
APDD (SEC 5303 Match)	\$2,012.50		\$2,012.50
LSCOG (SEC 5303 Match)		\$1,000.00	\$1,000.00
TOTAL	\$20,125.00	\$5,000.00	\$25,125.00

WORK ELEMENT 6 – PERFORMANCE BASED PLANNING

TASK 6.1 - 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.

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

1. Safety
2. Infrastructure Condition
3. Congestion Reduction
4. System Reliability
5. Freight Mobility and Economic Vitality
6. Environmental Sustainability
7. Reduced Project Delivery Delays

Previous Work

1. ARTS staff work with Richmond Columbia Counties to identify traffic data and travel time data from the ITS System.
2. 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.
3. Adoption of FY 2018 Safety Measures from GDOT and SCDOT.

FY 2019 Work Activities and Schedule: The ARTS MPO intends to develop a performance assessment process that encompasses the federally set performance metrics, performance measurements 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. State targets reported in baseline report from NHS & FHWA	October 1 2018
2. Initial Transit Asset Management (Transit TAM) plans due for transit providers/TAM plan sponsors	October 1, 2018
3. Transit TAM Performance Measure elements added to TIP/LRTP after 10/1/2018; adopted by TCC	October 12, 2018

ACTIVITIES	EXPECTED COMPLETION DATE
4. Transit TAM Performance Measure elements added to TIP/LRTP after 10/1/2018; adopted by CAC	November 14, 2018
5. Include Transit TAM Performance Measure elements in TIP/LRTP after 10/1/2018; adopted by Policy Committee (PC)	December 6, 2018
6. MPO executes updated planning agreements - SCDOT	2018 - 4 th Quarter
7. Transit TAM - Submit Asset Inventory and Condition Report to NTD	January 31, 2019
8. MPO targets for Safety Performance Measures due to GDOT/SCDOT	December 6, 2018
9. Pavement, Bridge, System Performance, Freight – MPO 4-year targets due to GDOT and SCDOT	2018 - 4 th Quarter or March 29, 2019
10. Pavement/Bridge/System Performance/Freight Performance Measures added to TIP/LRTP after 5/20/2019, adopted by TCC	July 11, 2019
11. Pavement/bridge/system performance/freight Performance Measures added to TIP/LRTP after 5/20/2019, adopted by CAC	August 14, 2019
12. Pavement/bridge/system performance/freight Performance Measures added to TIP/LRTP after 5/20/2019, adopted by PC	September 5, 2019
13. Collection, editing and processing data for performance measures: occurs concurrently with other deliverables: Congestion Management System, and Intersection and Traffic Crash Analysis Report.	Data collected throughout FY 2019
14. 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.	Data collected throughout FY 2019
15. Yearly update of Performance Measures with 2040 LRTP Goals and objectives. Develop draft Performance Measures Data Matrix, Methodology Summary Report.	November 2018
16. Coordinate and collaborate with FHWA, FTA, GDOT, SCDOT and ARTS MPO Committees to methodology for data analysis and target setting process	On-Going
17. Present GDOT and SCDOT Safety Measures and targets to ARTS MPO committees for approval and adoption by Policy Committee.	December 6, 2018
18. Update documentation of Data collection methodology and final performance measures and targets in coordination with ARTS MPO committees, GDOT and SCDOT	On-Going
19. Public review and comment of performance measures and targets.	As Needed
20. ARTS Traffic Safety Improvement Report Semi-Annual Update	Dec 2018 & June 2019

Product(s): Updated Performance Measures and Goals Matrix for each transportation mode, highway, freight public transit, bike and pedestrian, traffic safety and congestion.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$16,000.00		\$16,000.00
APDD (GA PL Match)	\$4,000.00		\$4,000.00
FHWA (SC PL)		\$9,600.00	\$9,600.00
ACPDD (SC PL Match)		\$2,400.00	\$2,400.00
FTA (SEC 5303)	\$6,000.00		\$6,000.00
GA DOT (SEC 5303 Match)	\$750.00		\$750.00
APDD (SEC 5303 Match)	\$750.00		\$750.00
LSCOG (SEC 5303 Match)			\$0.00
TOTAL	\$27,500.00	\$12,000.00	\$39,500.00

WORK ELEMENT 7 – TRANSPORTATION IMPROVEMENT PROGRAM

TASK 7.1 - Transportation Improvement Program (44.25.00)

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

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

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 2019-2020 funds for Richmond and Columbia Co., GA. Project implementation is ongoing for existing projects.

FY 2019 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. Public comments on Draft FY 2017 – 2022 TIP (GDOT STIP update)	September 2018
2. TIP Update and Performance Based Planning Integration	Dec 2018 – Jan 2019
3. Develop Draft TIP	March 2019
4. Test Transportation Network	March 2019
5. TIP Update and Performance Based Planning Integration for TIP amendments	April 2019
6. Draft ARTS FY 2017 – 2022 TIP (SCDOT - Adopt 2020 – 2025 TIP)	April 2019
7. Adopt Draft TIP	June 2019
8. Complete Public Review and Agency Consultation	July 2019
9. Adopt Final TIP	September 2019
10. Implement TIP	On-Going
11. Update List of Administrative Modification to TIP	On-Going

Product(s): Transportation Improvement Program

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

COST ESTIMATES AND PROPOSED FUNDING SOURCES

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	APDD	ACPDD	LSCOG	TOTALS
FHWA (GA PL)	\$16,000.00			\$16,000.00
APDD (GA PL Match)	\$4,000.00			\$4,000.00
FHWA (SC PL)	\$1,600.00	\$5,200.00		\$6,800.00
ACPDD (SC PL Match)	\$400.00	\$1,300.00		\$1,700.00
FTA (SEC 5303)	\$10,058.00		\$4,000.00	\$14,058.00
GA DOT (PL Match)	\$0.00			\$0.00
GA DOT (SEC 5303 Match)	\$1,257.25			\$1,257.25
APDD (SEC 5303 Match)	\$1,257.25			\$1,257.25
LSCOG (SEC 5303 Match)			\$1,000.00	\$1,000.00
TOTAL	\$34,572.50	\$6,500.00	\$5,000.00	\$46,072.50

Unfunded Priorities – Transportation Planning Tasks

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.

FY 2019 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; 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

Figure 3: FY 2019 UPWP Budget

FIGURE 3 ARTS FY 2019 UPWP WORK ELEMENTS BY FUNDING SOURCE rev. 12/27/2017	AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT								AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)		TOTAL
	GA DOT		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	SEC 5303 LSCOG MATCH		
	FHWA GA PL	APDD MATCH											
1.1 Program Coordination/Administration	\$32,000.00	\$8,000.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$43,600.00	\$10,900.00	\$0.00	\$0.00	\$102,000.00	
1.2 Training/Employee Education	\$4,400.00	\$1,100.00	\$0.00	\$0.00	\$4,400.00	\$550.00	\$550.00	\$4,000.00	\$1,000.00	\$2,400.00	\$600.00	\$19,000.00	
1.3 UPWP	\$5,200.00	\$1,300.00	\$800.00	\$200.00	\$4,200.00	\$650.00	\$650.00	\$2,000.00	\$500.00	\$4,160.00	\$1,040.00	\$21,700.00	
Subtotal: Program Administration	\$41,600.00	\$10,400.00	\$6,800.00	\$1,700.00	\$9,600.00	\$1,200.00	\$1,200.00	\$49,600.00	\$12,400.00	\$6,560.00	\$1,640.00	\$142,700.00	
2.1 Community Outreach / Education	\$16,563.20	\$4,140.80	\$2,000.00	\$500.00	\$15,600.00	\$1,950.00	\$1,950.00	\$4,800.00	\$1,200.00	\$2,000.00	\$500.00	\$51,204.00	
Subtotal: Public Involvement	\$16,563.20	\$4,140.80	\$2,000.00	\$500.00	\$15,600.00	\$1,950.00	\$1,950.00	\$4,800.00	\$1,200.00	\$2,000.00	\$500.00	\$51,204.00	
3.1 Environmental Justice & Socioeconomic Data	\$12,000.00	\$3,000.00	\$1,200.00	\$300.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$19,500.00	
3.2 Land Use Monitoring	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$10,500.00	
3.3 Transportation Surveys, Models & Analysis	\$12,000.00	\$3,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$18,500.00	
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	\$1,200.00	\$300.00	\$9,500.00	
3.5 GIS Development & Applications	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$4,000.00	\$500.00	\$500.00	\$40,000.00	\$10,000.00	\$0.00	\$0.00	\$80,000.00	
Subtotal: Transportation Data Collection & Analysis	\$47,200.00	\$11,800.00	\$1,600.00	\$400.00	\$7,200.00	\$900.00	\$900.00	\$53,200.00	\$13,300.00	\$1,200.00	\$300.00	\$138,000.00	
4.1 Long Range Plan	\$16,000.00	\$4,000.00	\$800.00	\$200.00	\$8,000.00	\$1,000.00	\$1,000.00	\$4,800.00	\$1,200.00	\$0.00	\$0.00	\$37,000.00	
4.2 Congestion Management	\$16,000.00	\$4,000.00	\$800.00	\$200.00	\$2,800.00	\$350.00	\$350.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$28,500.00	
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 Intermodal Planning	\$8,000.00	\$2,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$14,500.00	
4.4.1 Special Transportation Studies - CMP Update	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$28,000.00	
4.4.2 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	
4.4.3 Special Transportation Studies - 2045 Long-Range Transportation Plan Update	\$196,000.00	\$49,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,000.00	\$16,000.00	\$0.00	\$0.00	\$325,000.00	
Subtotal: Transportation System Planning	\$636,000.00	\$159,000.00	\$6,000.00	\$1,500.00	\$10,800.00	\$1,350.00	\$1,350.00	\$98,800.00	\$24,700.00	\$0.00	\$0.00	\$939,500.00	
5.1 Program Support and Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$15,486.40	\$1,935.80	\$1,935.80	\$0.00	\$0.00	\$24,040.00	\$6,010.00	\$49,408.00	
5.2 Long-Range Transportation Planning (System Level)	\$0.00	\$0.00	\$0.00	\$0.00	\$45,901.60	\$5,737.70	\$5,737.70	\$0.00	\$0.00	\$2,000.00	\$500.00	\$59,877.00	
5.3 Short-Range Transportation Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$30,500.00	\$3,812.50	\$3,812.50	\$0.00	\$0.00	\$8,200.00	\$2,050.00	\$48,375.00	
5.4 Transportation Improvement Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$16,100.00	\$2,012.50	\$2,012.50	\$0.00	\$0.00	\$4,000.00	\$1,000.00	\$25,125.00	
SUBTOTAL: Transportation System Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$107,988.00	\$13,498.50	\$13,498.50	\$0.00	\$0.00	\$38,240.00	\$9,560.00	\$182,785.00	
6.1 Performance Based Planning	\$16,000.00	\$4,000.00	\$0.00	\$0.00	\$6,000.00	\$750.00	\$750.00	\$9,600.00	\$2,400.00	\$0.00	\$0.00	\$39,500.00	
SUBTOTAL: Performance Based Planning	\$16,000.00	\$4,000.00	\$0.00	\$0.00	\$6,000.00	\$750.00	\$750.00	\$9,600.00	\$2,400.00	\$0.00	\$0.00	\$39,500.00	
7.1 Transportation Improvement Program	\$16,000.00	\$4,000.00	\$1,600.00	\$400.00	\$10,058.00	\$1,257.25	\$1,257.25	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$41,072.50	
SUBTOTAL: Transportation Improvement Program	\$16,000.00	\$4,000.00	\$1,600.00	\$400.00	\$10,058.00	\$1,257.25	\$1,257.25	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$41,072.50	
GRAND TOTAL	\$773,363.20	\$193,340.80	\$18,000.00	\$4,500.00	\$167,246.00	\$20,905.75	\$20,905.75	\$221,200.00	\$55,300.00	\$48,000.00	\$12,000.00	\$1,534,761.50	
Sub-total FY 2019 MPO PL & Local Match	\$373,363.20	\$93,340.80	\$18,000.00	\$4,500.00	\$167,246.00	\$20,905.75	\$20,905.75	\$221,200.00	\$55,300.00	\$48,000.00	\$12,000.00	\$1,034,761.50	
4.4.3 Special Transportation Studies - 2045 Long-Range Transportation Plan Update	\$196,000.00	\$49,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,000.00	\$16,000.00	\$0.00	\$0.00	\$325,000.00	
Sub-total Total Amt. GA PL Funds w/o Work Element 4.4.4	\$177,363.20	\$44,340.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$221,704.00	
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	
Unfunded - Corridor Planning Richmond County, Performance Measures Indicators And Tracking Dashboard	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$650,000.00	

Figure 4: FTA Section 5303 Budget Activity Line Item (ALIs)

Figure 2 (To be inserted from FY 2019 UPWP into FY 2018 UPWP)					
GA & SC ARTS FTA SUMMARY					
SECTION 5303		APDD			
Work Element		FTA SEC 5303	GA DOT Match	APDD Match	Total GA SEC 5303
1.1	Program Coordination/Administration	\$0.00	\$0.00	\$0.00	\$0.00
1.2	Training/Employee Education	\$4,400.00	\$550.00	\$550.00	\$5,500.00
1.3	UPWP	\$5,200.00	\$650.00	\$650.00	\$6,500.00
Subtotal		\$9,600.00	\$1,200.00	\$1,200.00	\$12,000.00
2.1	Community Outreach / Education	\$15,600.00	\$1,950.00	\$1,950.00	\$19,500.00
Subtotal		\$15,600.00	\$1,950.00	\$1,950.00	\$19,500.00
3.1	Environmental Justice & Socioeconomic Data	\$0.00	\$0.00	\$0.00	\$0.00
3.2	Land Use Monitoring	\$0.00	\$0.00	\$0.00	\$0.00
3.3	Transportation Surveys, Models & Analysis	\$0.00	\$0.00	\$0.00	\$0.00
3.4	Environmental Justice / Title VI	\$3,200.00	\$400.00	\$400.00	\$4,000.00
3.5	GIS Development & Applications	\$4,000.00	\$500.00	\$500.00	\$5,000.00
Subtotal		\$7,200.00	\$900.00	\$900.00	\$9,000.00
4.1	Long Range Plan	\$8,000.00	\$1,000.00	\$1,000.00	\$10,000.00
4.2	Congestion Management	\$2,800.00	\$350.00	\$350.00	\$3,500.00
4.2.1	Air Quality Issues	\$0.00	\$0.00	\$0.00	\$0.00
4.3	Public Transit / Paratransit/Coordinated Human Services Plan	\$0.00	\$0.00	\$0.00	\$0.00
4.3.1	Program Admin - APT	\$61,388.00	\$7,673.50	\$7,673.50	\$76,735.00
4.3.2	Management & Operations - APT & SC	\$32,200.00	\$4,025.00	\$4,025.00	\$40,250.00
4.3.3	Program Admin - SC	\$0.00	\$0.00	\$0.00	\$0.00
4.3.4	Transit Project Admin - SC	\$0.00	\$0.00	\$0.00	\$0.00
4.3.5	Update of Complementary Paratransit Plan	\$14,400.00	\$1,800.00	\$1,800.00	\$18,000.00
4.3.6	Marketing / Pubic Information - SC & APT	\$0.00	\$0.00	\$0.00	\$0.00
4.3.7	Short Range Transit Planning - SC	\$0.00	\$0.00	\$0.00	\$0.00
4.3.8	Long Range Transit Planning	\$0.00	\$0.00	\$0.00	\$0.00
4.3.9	Transit Financial Planning - SC	\$0.00	\$0.00	\$0.00	\$0.00
4.3	Intermodal Planning	\$0.00	\$0.00	\$0.00	\$0.00
4.4.1	Special Transportation Studies	\$0.00	\$0.00	\$0.00	\$0.00
4.4.2	Special Transportation Studies	\$0.00	\$0.00	\$0.00	\$0.00
4.4.4	Special Transportation Studies	\$0.00	\$0.00	\$0.00	\$0.00
6.1	Performance Based Planning	\$6,000.00	\$750.00	\$750.00	\$7,500.00
Subtotal		\$124,788.00	\$15,598.50	\$15,598.50	\$155,985.00
7.1	Transportation Improvement Plan	\$10,058.00	\$1,257.25	\$1,257.25	\$12,572.50
Subtotal		\$10,058.00	\$1,257.25	\$1,257.25	\$12,572.50
Total		\$167,246.00	\$20,905.75	\$20,905.75	\$209,057.50

APPENDIX A – Title VI



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:

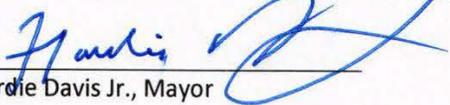
"Augusta Georgia in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d—42 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation 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
6/24/16

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.



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 _____

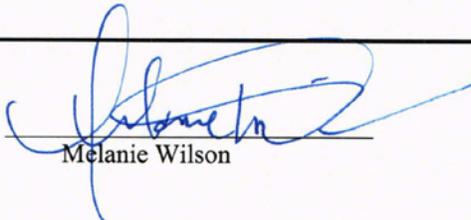


Identify any improvements you plan to implement before the next self-survey to better support Title VI communication to employees and program applicants.

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 B – MPO Certification

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

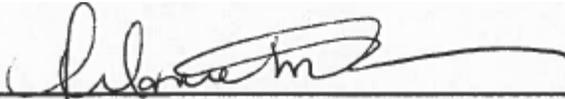
- The MPO has identified strategies and services to meet the needs of older persons' needs for transportation planning and programming.

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

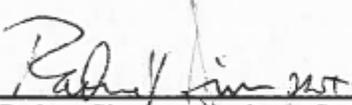
- The MPO adheres to the Act on Equality between women and men and prohibits both direct and indirect discrimination based on gender.
- The MPO adheres to the Equal Pay Act of 1963 (EPA), which protects men and women who perform substantially equal work in the same establishment from sex-based wage discrimination;

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.

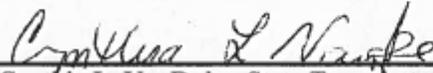
- The MPO adheres to Title I and Title V of the Americans with Disabilities Act of 1990 (ADA), which prohibits employment discrimination against qualified individuals with disabilities in the private sector, and in state and local governments



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