



## Augusta Regional Transportation Study

# Unified Planning Work Program

FY 2020

Prepared By:

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*Augusta*  
G E O R G I A

In Cooperation With:

Aiken County, Edgefield County, and Columbia County  
Federal Highway Administration  
Georgia Department of Transportation  
South Carolina Department of Transportation

April 2019

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**FINAL FISCAL YEAR 2020**

**UNIFIED PLANNING WORK PROGRAM  
FOR THE  
AUGUSTA REGIONAL TRANSPORTATION STUDY**

**PREPARED BY THE**

**AUGUSTA PLANNING AND DEVELOPMENT DEPARTMENT**

**IN COOPERATION WITH:**

**AIKEN COUNTY PLANNING AND DEVELOPMENT DEPT.**

**AUGUSTA PUBLIC TRANSIT DEPT.**

**LOWER SAVANNAH COUNCIL OF GOVERNMENTS**

**GEORGIA DEPARTMENT OF TRANSPORTATION AND**

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**SERVICING**

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

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

**FINAL MARCH 27, 2019  
AMENDED SEPTEMBER 5, 2019**

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**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**RESOLUTION OF THE POLICY COMMITTEE**

**ADOPTION OF THE FY 2020 UNIFIED PLANNING WORK PROGRAM**

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

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

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

**NOW THEREFORE BE IT RESOLVED** that the ARTS Policy Committee hereby approves the adoption of final Fiscal Year 2020 Unified Planning Work Program.

**Done via email vote this 27th day of March 2019.**

  
\_\_\_\_\_  
William Molnar, Ph.D., Chairman  
Augusta Regional Transportation Study  
Policy Committee

  
\_\_\_\_\_  
Date

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## LIST OF ACRONYMS

<b>3C</b>	Cooperative, Continuous & Comprehensive	<b>FAST Act</b>	Fixing America’s Surface Transportation Act
<b>ACPDD</b>	Aiken County Planning & Development Department	<b>FFR</b>	Federal Financial Reports
<b>ADA</b>	American with Disabilities Act of 1990	<b>FHWA</b>	Federal Highways Administration
<b>APDD</b>	Augusta Planning & Development Department	<b>FTA</b>	Federal Transit Administration
<b>APT</b>	Augusta Public Transit	<b>GA</b>	Georgia
<b>ARTS</b>	Augusta Regional Transportation Study	<b>GAMPO</b>	Georgia Association of Metropolitan Planning Organizations
<b>BFE</b>	Best Friend Express	<b>GAPA</b>	Georgia Chapter of American Planning Association
<b>BPAC</b>	South Carolina Bicycle and Pedestrian Advocacy Committee	<b>GDOT</b>	Georgia Department of Transportation
<b>CAC</b>	Citizens Advisory Committee	<b>GIS</b>	Geographic Information Systems
<b>CCPD</b>	Columbia County Planning Division	<b>ITS</b>	Intelligent Transportation Systems
<b>CMP</b>	Congestion Management Process	<b>LEP</b>	Limited English Proficiency
<b>CHSP</b>	Coordinated Human Services Plan	<b>LOS</b>	Level of Service
<b>CMS</b>	Congestion Management System	<b>LSCOG</b>	Lower Savannah Council of Governments
<b>COA</b>	Comprehensive Operations Analysis	<b>MOU</b>	Memorandum of Understanding
<b>COG</b>	Council of Governments	<b>MPA</b>	Metropolitan Planning Area
<b>COOP</b>	Continuity of Operations Plan	<b>MPO</b>	Metropolitan Planning Organization
<b>CSRA-RC</b>	Central Savannah River Area – Regional Council	<b>MPR</b>	Milestone Progress Reports
<b>DAR</b>	Dial-A-Ride	<b>MSA</b>	Metropolitan Statistical Area
<b>DBE</b>	Disadvantaged Business Enterprise	<b>MTP</b>	Metropolitan Transportation Plan
<b>EJ</b>	Environmental Justice	<b>NHPMS</b>	National Highway Performance Monitoring System
<b>EMA</b>	Emergency Management Agency	<b>NHS</b>	National Highway System
<b>EPA</b>	Environmental Protection Agency	<b>NPMRDS</b>	National Performance Management Research Data Set
		<b>NTD</b>	National Transit Database

<b>NTI</b>	National Transit Institute	<b>TAM</b>	Transit Asset Management
<b>PBPP</b>	Performance-Based Planning and Programming	<b>TAP</b>	Transportation Alternatives Program
<b>PC</b>	Policy Committee	<b>TASC</b>	Transportation Association of South Carolina
<b>PPP</b>	Public Participation Plan	<b>TAZ</b>	Traffic Analysis Zone
<b>RFP</b>	Request for Proposals	<b>TBD</b>	To be determined
<b>SC</b>	South Carolina	<b>TCAC</b>	Transit Citizens Advisory Committee
<b>SCDJEC</b>	South Carolina Department of Health and Environmental Control	<b>TCC</b>	Technical Coordinating Committee
<b>SCDOT</b>	South Carolina Department of Transportation	<b>TDP</b>	Transit Development Plan
<b>SCDPS</b>	South Carolina Department of Public Safety	<b>TIP</b>	Transportation Improvement Program
<b>SETP</b>	Self-Evaluation and Transition Plan	<b>TNSC</b>	Test Network Subcommittee
<b>SMTF</b>	State Mass Transit Funds	<b>TrAMS</b>	Transit Award Management System
<b>STIP</b>	State Transportation Improvement Program	<b>TSIR</b>	Traffic Safety Improvement Report
<b>TA</b>	Transportation Alternatives (TA set-aside)	<b>UPWP</b>	Unified Planning Work 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-2020 (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 the Transportation Improvement Program (TIP). Special emphasis will be placed on performance based planning, project prioritization tool/s update, stakeholder involvement for freight, safety and security coordination, developing a regional transportation system database, monitoring and updating socioeconomic and land use data, annual demographic and growth trends report; updating the regional land use Geographic Information System (GIS) mapping database; corridor/area planning, developing a framework to identify needs and coordinate stakeholders relative to coordinated human services transportation; enhance public transit planning for fixed route bus, paratransit, demand response services and enhance mobility for seniors and persons with disabilities; and, other regional special studies, implementing local and regional air quality initiatives and strengthening the public involvement process.

### 2. ARTS Metropolitan Planning Organization Overview

The Augusta Regional Transportation Study (ARTS) is a Metropolitan Planning Organization (MPO) established for the Augusta – Richmond, GA and Aiken SC urbanized area. The Federal-Aid Highway Act of 1962 established the requirement for transportation planning in urban areas throughout the country. Fixing America’s Surface Transportation (FAST) Act passed on December 4, 2015 (Pub. L. No. 114-94) reauthorizing federal-aid funding, and regulations for the metropolitan transportation planning process.

The FAST Act streamlines the federal surface transportation project delivery process, strengthening performance-based planning, intermodal and freight movement, multimodal transportation planning and addresses challenges facing the transportation system. The FAST Act also makes provision for improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system, protecting the environment, and reducing delays in project delivery. Project delivery focuses on four general categories to achieve streamlining:

- Adding new flexibilities to increase efficiencies
- Refining existing authorities
- Adding new tools to help accelerate project delivery
- Building on Federal Highways Administration (FHWA) existing activities to accelerate project delivery

The FAST Act requires that the planning process considers projects/strategies to improve the resilience and reliability of the transportation system, storm-water mitigation, and enhance travel

and tourism. This UPWP has been developed in accordance with the FAST Act regulations and guidelines.

In keeping with the original federal mandate, the ARTS metropolitan transportation planning process is cooperative, continuous, and comprehensive (3C). The ARTS MPO planning process is 'cooperative' because it brings together locally 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 (MPA) 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 County and the urbanized area of Columbia County in Georgia; the Fort Gordon Military Base; and the urbanized area of Aiken and Edgefield Counties in South Carolina. Incorporated places within the study area include four (4) cities in Georgia: Augusta, Hephzibah, Blythe and Grovetown; and four (4) cities in South Carolina: Aiken, North Augusta, Burnetown and New Ellenton. The study area boundaries reflecting regional growth based on the 2010 Decennial Census were modified and adopted by the Policy Committee on March 7, 2013 (Figure 1).

### **3. Organizational Structure**

The ARTS MPO consists of several committees that review and approve all amendments to the TIP/Metropolitan Transportation Plan (MTP). The current structure of committee meetings is quarterly, with each committee meeting a month before the subsequent committee. The role of each committee is described below and schematically presented in Figure 2.

Test Network Subcommittee (TNSC) – made up of planners and engineers from the two states, local governments in the study area and regional planning agencies. The TNSC is the first to discuss the merits of a project and associated phasing and costs. Any technical considerations not previously identified by ARTS staff are 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.

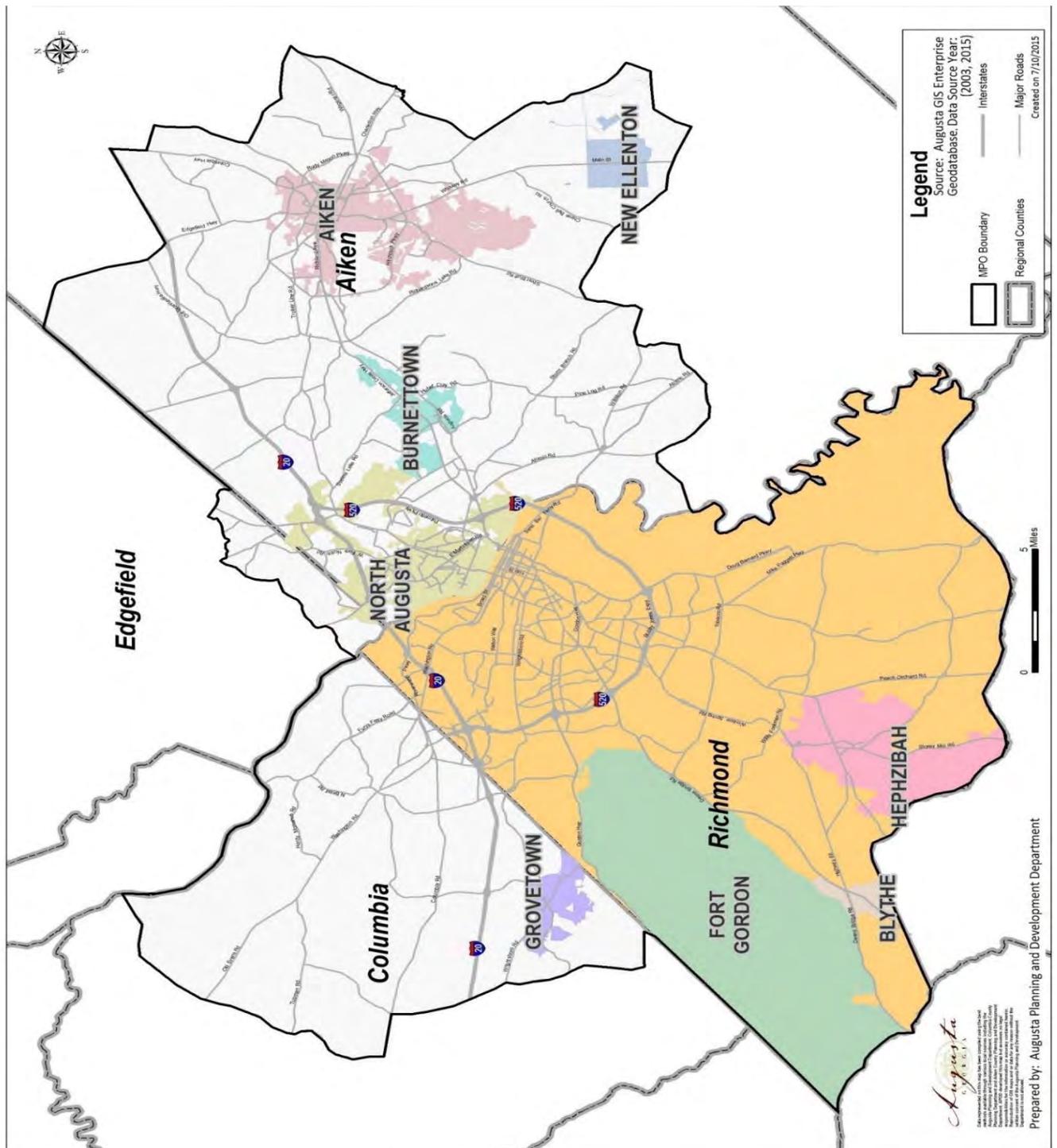
Technical Coordinating Committee (TCC) – made up of planners and engineers from the two states, the local governments in the study area and two regional planning agencies. The final draft and detailed information on a project are presented to the committee for recommended approval to the Policy Committee.

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.

South Carolina Technical Coordinating Committee – subcommittee for the South Carolina portion of the ARTS area made up of planners and engineers from the South Carolina Department of Transportation (SCDOT) and local governments. Final draft and detailed information on a project are 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.

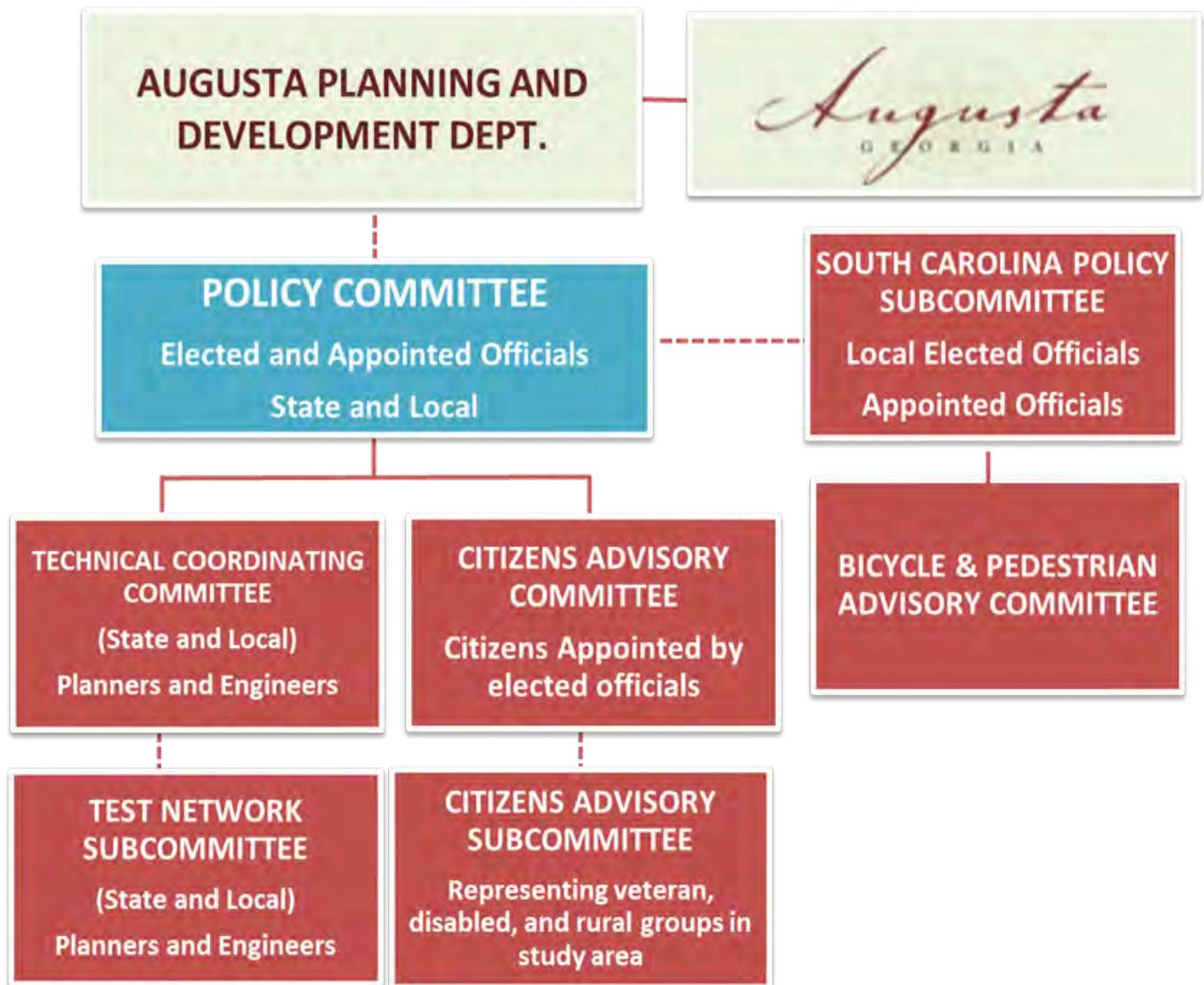
**Figure 1: ARTS MPO Planning Area**



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 MTP.

Policy Committee (PC) – 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 MTP and TIP.

**Figure 2: ARTS MPO Committees**



#### 4. MPO Planning Factors

FY 2020 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
<b>Administration</b>											
	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	
<b>Public Involvement</b>											
	2.1 Community Outreach/Education	X	X	X	X	X					
<b>Transportation Data Collection &amp; Analysis</b>											
	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			
<b>Transportation System Planning</b>											
	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
	4.3 Intermodal Planning	X	X	X	X	X	X			X	X
	4.4 Special Transportation Studies	X	X	X	X	X	X	X	X	X	X
	4.5 Air Quality				X	X			X		
<b>Public Transit/Paratransit</b>											
	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	
<b>Performance Based Planning</b>											
	6.1 Performance Based Planning	X	X	X	X	X	X	X	X	X	
<b>Transportation Improvement Program</b>											
	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. Improve transportation system resiliency and reliability, reduce (or mitigate) the storm water impacts of surface transportation; and
10. Enhance travel and tourism.

## **5. ARTS Transportation Plan Goals and Objectives**

The ARTS 2040 Metropolitan Transportation Plan includes the following goals and objectives to address regional transportation issues/priorities. The table below demonstrates how the 2040 Metropolitan Transportation Plan aligns with Planning Factors and FY 2020 UPWP Work Elements.

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	PLANNING EMPHASIS AREAS	UPWP WORK ELEMENT
<p><i>Mobility, Accessibility &amp; Connectivity</i> - Promote strategies that improve mobility and accessibility for motorized and non-motorized users including freight and goods movement.</p>	<p>Regional Models of Cooperation - Performance-based planning and programming transportation investments to achieve performance outcomes.</p> <p>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p> <p>Ladders of Opportunity - Access to Essential Services by identifying gaps in transportation connectivity.</p>	<p>Improve transportation system resiliency and reliability.</p> <p>Enhance 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 Metropolitan Transportation Plan</p> <p>4.3 Public Transit/Paratransit</p> <p>4.3 Intermodal Planning (44.23.01)</p> <p>4.4 Special Transportation Studies</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Economic Vitality &amp; Environmental</i> - Enhance the economic, social and environmental fabric of the region through coordinated transportation and planned land use.</p>	<p>Regional Models of Cooperation - Performance-based planning and programming transportation investments to achieve performance outcomes.</p> <p>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p>	<p>Enhance travel and tourism.</p> <p>Reduce or mitigate the storm water 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 Metropolitan Transportation Plan</p> <p>4.2 Congestion Management Process (44.22.00)</p> <p>4.4 Special Transportation Studies</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	PLANNING EMPHASIS AREAS	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>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p>	<p>Improve 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 Metropolitan Transportation Plan</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Land Use &amp; 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>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p> <p>Ladders of Opportunity - Access to Essential Services by identifying gaps in transportation connectivity.</p>	<p>Improve transportation system resiliency and reliability.</p> <p>Reduce or mitigate the storm water 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/Title VI</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 Metropolitan Transportation Plan</p> <p>4.4 Special Transportation Studies</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>

ARTS TRANSPORTATION VISION GOALS	FHWA GOALS	PLANNING EMPHASIS AREAS	UPWP WORK ELEMENT
<p><i>Safety &amp; Security</i> - Increase the security of the transportation system and promote strategies to reduce traffic crashes and injury outcomes.</p>	<p>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p>	<p>Increase the security of the transportation system for motorized and non-motorized users.</p>	<p>4.1 Metropolitan Transportation Plan (44.23.01)</p> <p>4.4 Special Transportation Studies</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>
<p><i>Maintenance, System Preservation &amp; 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>Regional Models of Cooperation - Performance-based planning and programming to achieve performance outcomes.</p> <p>Transition to Performance-based Planning and Programming.</p> <p>Ladders of Opportunity - Access to Essential Services by identifying gaps in transportation connectivity.</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 Metropolitan Transportation Plan</p> <p>4.3 Public Transit/Paratransit</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>

<p><i>Congestion</i> - Promote strategies to reduce traffic congestion and delay.</p>	<p>Regional Models of Cooperation - Performance-based planning and programming to achieve performance outcomes.</p> <p>Transition to Performance-based Planning and Programming - Regional approach to transportation planning by promoting cooperation and coordination.</p>	<p>Improve transportation system resiliency and reliability.</p> <p>Enhance 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 Metropolitan Transportation Plan (44.23.01),</p> <p>4.2 Congestion Management Process (44.22.00)</p> <p>7.1 Transportation Improvement Program (44.25.00)</p>
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## 6. Transportation Planning Priorities

The 2040 MTP 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 ARTS planning area's transportation system and relate to the 2040 MTP 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 procured a professional consultant to update the CMP to align with federal guidelines for congestion management and performance based planning. This work was completed in FY 2019. ARTS staff will continue to work with regional planners, engineers, other transportation interest groups in ongoing efforts in preparing the annual CMP monitoring report and data collection related to traffic safety, accidents, travel counts and travel time data and GIS spatial analysis; and enhance efforts to move towards advanced corridor planning on regional congested corridors prior to projects moving from the MTP into the TIP. Additionally, MPO staff will continuously monitor the CMP and for future updates. By updating the CMP more detailed information will be available from the CMP and MTP allowing for better concept sketching a before a project moves into the engineering phase.

**2050 Metropolitan Transportation Plan (MTP)** – the 2050 MTP update is due in September 2020. This update began in FY 2019. The staff will continue to make updates that are necessary in response to changing transportation needs and priorities, and conform to the transportation planning regulations. The consultant will 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 systems. 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: reduce/mitigate 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 analyzing the need and location for intersection improvements.

ARTS staff will continue to work with local and county planning and engineering departments in Richmond and Columbia Counties to integrate land use and transportation planning. Additionally, the ARTS MPO will complete the Central Martinez Area Access Management Plan – Columbia County Corridor Planning. In Richmond County, two corridors, Peach Orchard Road and Gordon Highway, have been identified for funding as unfunded priorities to address multimodal transportation access, land development, road maintenance and traffic safety.

**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 groups to meet demand of medical trips and workforce development continues to be a priority through the development of a Coordinated Human Services Plan (CHSP). The ARTS transportation planning staff will continue to strive to provide access to essential services for low-income, minorities, Environment Justice, seniors and individuals with disabilities through better utilization of Federal Transit Administration (FTA) Section 5310 funds to support mobility management and enhance transit service provided by the Lower Savannah Council of Governments (LSCOG). The continued use of paratransit services within the ¾ 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 2020, ARTS staff will continue ongoing FTA grant administration for Section 5310, provide technical support to the Transit Citizens Advisory Committee (TCAC), and assist Augusta Public Transit (APT) with developing an implementation strategy for transit service improvements identified in their current Comprehensive Operations Analysis (COA), transit asset management, monitor transit ridership and service operation data to develop performance measures and target setting. ARTS will also work with APT, LSCOG and Central Savannah River Area – Agency on Aging, and other social service agencies to address transit issues for the elderly and persons with disabilities through the implementation of the CHSP.

**Performance Based Planning** – 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 Georgia Department of Transportation (GDOT) and SCDOT will be adopted by the MPO every year by the end of February. Additionally, the ARTS MPO worked 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 Performance-Based Planning and Programming (PBPP) will be included in the 2050 MTP and the TIP updates as more information on the 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 certificates 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 socioeconomic demographic data updates for travel modelling.

In FY 2020, the MPO will work closely with local planning and development organizations to monitor updates to land use plans; review site plans for regional models 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 MTP since it provides an opportunity to analyze the effects of growth, develop policy responses to regional issues, and determine the demand for public facilities. Additionally, coordinated land use and transportation enables local, regional and federal agencies to address access management, right-of-way concerns, utilities, storm water issues using common expectations about future growth and development.

**Intermodal Connections and Safety** – Due to the presence of at-grade railroad crossing 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 is pertinent in resolving this long term problem and improving traffic safety. ARTS staff will continue to work with the Technical Coordinating Committee (TCC), Policy Committee (PC), and 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 2019 - Highlights and Accomplishments

- FY 2020 UPWP preparation
- Special Studies – Congestion Management Process Update;
- Commenced 2050 MTP update
- Public Meetings for 2050 MTP and CMP updates;
- 2040 MTP – Amendments, Transit Capital Program of Projects (POP), Update Performance Measures to align with 2040 Transportation Goals and Congestion Management System (CMS);
- FY 2017-2022 Transportation Improvement Program – administrative modifications and amendments
- Performance Based Planning – Safety and Public Transit Performance Measures;
- Special Studies – Central Martinez Corridor Access Management Study – Procurement Process;
- Title VI FHWA Monitoring report & Title VI FTA Monitoring report
- GDOT FY 2019 Planning Grant
- GDOT FTA 5303 Planning Grant application for FY 2020
- FTA 5310 grant application
- FTA 5310 Grant - administrative and grant management
- Regional Transportation System Database – Socioeconomic Data and Traffic/Travel Data, and Growth Trends Report;
- Comprehensive Operations Analysis (COA) – Implementation Action Plan;
- Update of Online Interactive Public Forum – ARTS TIP/MTP Interactive Transportation Projects;

- ARTS Traffic Safety Improvement Report – semi-annual update;
- Update list of Administrative Modifications in TIP and MTP;
- FY 2019 Annual Obligated Projects

## 8. Other Planning Studies Underway or Recently Completed

<b>ONGOING AND FUTURE PLANNING STUDIES FOR THE ARTS AREA</b>		
<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
Special Studies – Congestion Management Process Update	Augusta Planning and Development Department (APDD) solicited consultants to update the CMP, conduct the Annual CMP Monitoring Report and develop a Project Prioritization Process.	Ongoing in FY 2019; expect to be completed March 2019
Special Studies – Central Martinez Area Access Management Study	APDD will solicit consultants to develop the corridor area – Central Martinez Study to address traffic congestion and access management improvement concepts	FY 2020; expect to be completed June 2021
Special Studies – 2050 Metropolitan Transportation Plan update	APDD will solicit consultants to develop the 2050 MTP. APDD staff will update SE data for the regional travel model; and procure consultants. This process will include an update to the Freight Plan and Bicycle and Pedestrian Plan.	Work will be performed in FY 2019 and 2020; expected to be completed on or before September 2, 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 ARTS participants and ensure 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 APDD to reflect UPWP tasks.
4. Organized ARTS Committee agenda and meetings.
5. Prepared minutes for the TNSC, TCC, CAC and PC meetings held during each quarter.
6. Approved meeting minutes from previous meetings and approval during each meeting.
7. Updated the Memorandum of Understanding (MOU), TCC, CAC, and PC By-Laws and membership lists.
8. Updated the Procedures Manual that includes the MOU, By-Laws for each committee, membership lists, meeting calendar, current TIP and UPWP.
9. Created and desiminated newsletters for existing and new committee members.

**FY 2020 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 2020  Quarterly reports due on the 15 <sup>th</sup> 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. Implement Continuity of Operations Plan (COOP) for ARTS and identify gaps and areas needing improvements to ensure continuous operations in the event of a catastrophe.	Schedule TBD to coincide with County Emergency Management Agency

ACTIVITY	EXPECTED COMPLETION DATE
	(EMA) training or drills

**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)	\$48,000.00		\$48,000.00
APDD (GA PL Match)	\$12,000.00		\$12,000.00
FHWA (SC PL)	\$6,000.00	\$45,000.00	\$51,000.00
ACPDD (SC PL Match)	\$1,500.00	\$11,250.00	\$12,750.00
<b>TOTAL</b>	<b>\$67,500.00</b>	<b>\$56,250.00</b>	<b>\$123,750.00</b>

## TASK 1.2 - Training & Employee Education

**Purpose:** To expand the working knowledge of transportation planning methods, tools, techniques 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 (GAPA), the Georgia Association of Metropolitan Planning Organizations (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. ARTS staff participated in additional training, meetings, conferences and workshops.

### FY 2020 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/Council of Governments (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. 2019 Georgia Chapter of APA Fall Conference	Sept/Oct 2019
2. 2020 Georgia Chapter of APA Spring Conference	March/April 2020
3. South Carolina American Planning Association Conference	Spring 2020
4. Georgia Association of MPOs Business Meetings and Annual Conference	TBD
5. Meetings/Workshops with GDOT, SCDOT, and FHWA	On-Going

**Work Schedule:** July 1, 2019 - June 30, 2020

### COST ESTIMATES AND PROPOSED FUNDING SOURCES

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

FUNDING SOURCE	APDD	ACPDD	TOTAL
FHWA (GA PL)	\$31,200.00		\$31,200.00
APDD (GA PL Match)	\$7,800.00		\$7,800.00
FHWA (SC PL)		\$6,000.00	\$6,000.00
ACPDD (SC PL Match)		\$1,500.00	\$1,500.00
<b>TOTAL</b>	<b>\$39,000.00</b>	<b>\$7,500.00</b>	<b>\$46,500.00</b>

### TASK 1.3 - Unified Planning Work Program

**Purpose:** The Unified Planning Work Program (UPWP) defines all ARTS planning activities undertaken in any fiscal year. The UPWP identifies the various agencies that will perform each activity and determines sources of funding for study activities. This document is 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 planning programs that coincide with the stated goals and objectives. The planning programs must be assigned to the proper study participants and funding must be secured.

#### Previous Work

1. FY 2019 UPWP was approved March 7, 2018.
2. Tracked and documented UPWP work activities, budget and expenses to produce quarterly reimbursement report and performance report.

**FY 2020 Work Activities and Schedule:** The following activities will be undertaken by Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD) and Lower Savannah Council of Governments (LSCOG) in developing of the UPWP:

ACTIVITIES	EXPECTED COMPLETION DATE
1. Develop Draft of FY 2021 UPWP	Sept/Oct 2019
2. Complete activity descriptions and work schedules for work elements	Nov 1, 2019
3. TCC endorses Draft FY 2021 UPWP	Nov 13, 2019
4. CAC endorses Draft FY 2021 UPWP	Nov 13, 2019
5. PC endorses Draft FY 2021 UPWP	Dec 5, 2019
6. E-mail Draft FY 2021 UPWP to state and federal agencies	Dec 17, 2019
7. Incorporate comments from reviewing agencies & other stakeholders	Dec 2, 2019
8. E-mail final FY 2021 UPWP to CAC/TCC	Jan 3, 2020
9. TCC endorses Final FY 2021 UPWP	Feb 12, 2020
10. CAC endorses Final FY 2021 UPWP	Feb 12, 2020
11. E-mail Final FY 2021 UPWP to Policy Committee	Feb 22, 2020
12. PC approves Final FY 2021 UPWP	March 5, 2020
13. Complete final version of FY 2021 UPWP	March 17, 2020
14. Mail Final FY 2021 UPWP to state and federal agencies	March 30, 2020

**Product(s):** FY 2021 ARTS Unified Planning Work Program (UPWP)

**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)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)	\$800.00	\$2,000.00	\$2,800.00
ACPDD (SC PL Match)	\$200.00	\$500.00	\$700.00
<b>TOTAL</b>	<b>\$11,000.00</b>	<b>\$2,500.00</b>	<b>\$13,500.00</b>

## WORK ELEMENT 2 – PUBLIC INVOLVEMENT

### TASK 2.1 - Community Outreach/Education

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

Public involvement is an integral part in 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 are employed to obtain public input including, but not limited to, publicizing proposed changes to ARTS documents through multiple media platforms.

#### **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 CAC on issues and concerns
4. Provided opportunities for public involvement for reviews and comments on amendments to the TIP and MTP in accordance with the procedures in the Participation Plan.
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 TCAC of the Augusta Public Transit Department.
9. Evaluated effectiveness of existing public involvement techniques.
10. Responded to requests for information from the general public and other stakeholders.

**FY 2020 Work Activities and Schedule:** During this program year, the 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 Metropolitan Transportation Plan – Transportation Vision 2050	Quarterly July and/or Sept.
2. Public meetings for amendments and the annual update of the TIP. Prepare meeting summaries and response to public questions.	Quarterly July and/or Sept.
3. ARTS Newsletter publication	Quarterly
4. Public meetings related to other ARTS Special Studies conducted during the program year. Prepare meeting summaries and response to public questions.	On-Going

ACTIVITIES	EXPECTED COMPLETION DATE
5. Coordinate 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. Prepare public notices, flyers, press releases and posters for public review meetings. Web site updates – Public meeting materials and Online Interactive Public Forum – ARTS TIP/MTP Interactive Transportation Projects.	As Needed
8. 2050 MTP Update – Public Meetings and coordination of outreach and engagement activities	March and July 2020
9. Public notices of outreach activities related to amendments of the ARTS 2050 MTP Update	March, April & July 2020

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), 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)	\$2,000.00	\$5,000.00	\$6,800.00
ACPDD (SC PL Match)	\$500.00	\$1,250.00	\$1,750.00
<b>TOTAL</b>	<b>\$22,500.00</b>	<b>\$6,250.00</b>	<b>\$28,750.00</b>

# WORK ELEMENT 3 – TRANSPORTATION DATA COLLECTION AND ANALYSIS

## TASK 3.1 - Socioeconomic Data/Environmental Justice

**Purpose:** Maintain a comprehensive, current socioeconomic database for the transportation planning process. Activities 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 Traffic Analysis Zone (TAZ) centroids. Environmental Justice (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 LSCOG, with assistance from ARTS staff, will maintain the data for the South Carolina portion of the ARTS area. GDOT will continue to maintain the ARTS travel demand model.

**Previous Work**

1. Requested and compiled annual socioeconomic data estimates, at the county and pertinent city level.
2. Initiated developing a regional GIS database of available data resources for transportation planning.
3. Collected new business licenses, construction permits, and school enrollment data to track employment and retail/commercial and non-retail traffic generators.

**FY 2020 Work Activities and Schedule:** Activities under this work element focuses on the socioeconomic data used and entered into 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 <sup>st</sup> and January 1 <sup>st</sup> .	On-Going
2. Collect educational institution (i.e., school, college, etc.,) enrollment and employment figures and allocate to TAZs.	March 2020
3. Collect latest employment estimates and allocate to TAZs based on known/observed trends.	April 2020
4. Compile latest Median Household Income Level estimates at the TAZ level.	April 2020
5. Assess impact of transportation projects on all under-served populations.	As Needed

ACTIVITIES	EXPECTED COMPLETION DATE
6. Update, implement and monitor the EJ 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, 2020

**Product(s):**

1. Annual Population and Land Development Growth Trends Report.
2. Updated Socioeconomic demographic data by TAZ for 2050 MTP Update

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$14,000.00		<b>\$14,000.00</b>
APDD (GA PL Match)	\$3,500.00		<b>\$3,500.00</b>
FHWA (SC PL)	\$1,200.00	\$2,400.00	<b>\$3,600.00</b>
ACPDD (SC PL Match)	\$300.00	\$600.00	<b>\$900.00</b>
<b>TOTAL</b>	<b>\$19,000.00</b>	<b>\$3,000.00</b>	<b>\$22,000.00</b>

## TASK 3.2 - Land Use Monitoring

**Purpose:** Maintain a current land use database for transportation planning processes. Land use information is useful in the annual update of socioeconomic estimates for the study areas.

### Planning Factors

1. Increase the safety of the transportation system for motorized and non-motorized users;
2. Increase the security of the transportation system for motorized and non-motorized users;
3. Protect and enhance the environment; promote energy conservation; improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
4. Promote efficient system management and operation;
5. Emphasize the preservation of the existing transportation system; and,
6. Improve transportation system resiliency and reliability; reducing (or mitigating) the storm water impacts of surface transportation.

### Previous Work

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

**FY 2020 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, 2020
2. Produce ARTS MPO Annual Growth Trends Report	April 30, 2020
3. Consolidate data into single regional land use GIS layer.	April 30, 2020
4. Update, implement and monitor the EJ 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, 2020

### Product(s)

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

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>ACPDD</b>	<b>TOTALS</b>
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
<b>TOTAL</b>	<b>\$4,000.00</b>	<b>\$6,500.00</b>	<b>\$10,500.00</b>

### TASK 3.3 - Transportation Surveys, Models and Analysis

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

**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 Traffic Safety Improvement Report (TSIR)
3. Coordinated with GDOT, SCDOT, and South Carolina Department of Public Safety (SCDPS) in collecting data for crash analysis.
4. Updated a regional GIS map of traffic crash locations.

**FY 2020 Work Activities and Schedule:** This work element will be integrated with MTP, Performance Based Planning, CMP and TIP.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Data collection for TAZ and 2050 MTP	November 2019
2. Gather crash data from GDOT and SCDPS	April 2020
3. Update Traffic Crash Data Analysis Report	August 2020
4. Sort and compile data into required format	August 2020
5. Prepare GIS maps to be used in the report	September 2020
6. Prepare draft Traffic Crash Data Analysis Report	October 2020
7. Present results of Traffic Crash Data Analysis Report to ARTS committees	December 2020
8. Prepare and publish final Traffic Crash Data Analysis Report	February 2021
9. FY 2020 Amend MTP and/or TIP to incorporate new Intersection Improvement Projects	As Needed

**Product(s)**

1. Updated Socio-economic demographic data by TAZ and traffic system data for 2050 MTP Update.
2. ARTS TSIR based on the most current available crash data.
3. Regional GIS map of traffic crash locations and intersections with annual report.

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

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

### TASK 3.4 - Environmental Justice / Title VI

**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 EJ Analysis.
3. Developed updates to demographic profile and data analysis of populations of minority concentrations; Hispanic, Asian, low-income persons, and populations of minority concentrations.
4. Conducted Benefits and Burdens analysis on amendments to 2040 MTP and FY 2018-2022 TIP.

**FY 2020 Work Activities and Schedule**

ACTIVITIES	EXPECTED COMPLETION DATE
1. FY 2020 Conduct Benefits and Burdens analysis on amendments to the 2040 MTP and FY 2018-2023 TIP as part of the Public Participation Plan (PPP).	Quarterly/ Bi-Annually
2. FY 2020 Post ARTS studies and reports (e.g. UPWP, TIP, CMP, updates to demographic data and GIS spatial maps) on MPO website	Quarterly/ Bi-Annually

**Product(s)**

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

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

FUNDING SOURCE	ACPDD	TOTALS
FHWA (SC PL)	\$2,400.00	\$2,400.00
ACPDD (SC PL Match)	\$600.00	\$600.00
<b>TOTAL</b>	<b>\$3,000.00</b>	<b>\$3,000.00</b>

### TASK 3.5 - GIS Development & Applications

**Purpose:** Continue the development and maintenance of GIS data and ARTS websites in support of transportation planning activities.

**Previous Work**

1. Digital and hard-copy maps were created for use in the transportation planning and analysis, internal and external meetings, and reports.
2. Existing geospatial and tabular data was updated and used to support performance-based planning related to all modes of travel, congestion management, land-use and transportation data monitoring, traffic safety, bicycle and pedestrian safety, and public transit.
3. Created new geospatial and tabular data to support planning and analysis.
4. Reorganization of the ARTS geodatabase commenced which will consolidate existing geospatial and tabular data into a single database while incorporating new data into the same location.
5. Updated existing ARTS transportation project online map.
6. Met with Augusta IT-GIS staff to discuss creation of new ARTS web site which features new interactive online maps and dashboards.
7. Enhanced GIS knowledge by utilizing online courses offered by ESRI.
8. Increased knowledge of census tools and data through webinars offered by U.S. Census Bureau.

**FY 2020 Work Activities and Schedule**

ACTIVITIES	EXPECTED COMPLETION DATE
1. Create maps for use in transportation planning and analysis.	On-Going
2. Continue redesign of ARTS geodatabase, which contains geospatial and tabular data necessary for mapping and analysis related to construction projects, congestion management, traffic safety, bicycle and pedestrian safety, public transit, freight and socioeconomic studies.	On-Going
3. Update existing geospatial and tabular data as required for planning and analysis.	FY 2020
4. Create/collect new geospatial and tabular data as required for planning and analysis.	On-Going
5. Work with Augusta IT-GIS on redesigning ARTS website.	On-Going
6. Update existing ARTS transportation project online map.	As needed
7. Purchase computer equipment and software to support transportation planning functions and work tasks.	As needed

**Product(s)**

1. New and updated digital and hard-copy maps for use in transportation planning process, internal and external meetings, and publications.

2. New and updated geospatial data in redesigned geodatabase for use in transportation planning and analysis, including MTP and TIP project locations, CMP corridors, traffic safety, freight, public transit, and bicycle/pedestrian studies.
3. New and updated socioeconomic data for use in transportation planning and analysis.
4. Redesigned website with new online maps and dashboard.
5. Updated ARTS transportation project online map.

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD), Richmond County IT-GIS Dept., City of Aiken, and Planning Services Division of Columbia County.

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>ACPDD</b>	<b>TOTALS</b>
FHWA (GA PL)	\$16,400.00		\$16,400.00
APDD (GA PL Match)	\$4,100.00		\$4,100.00
FHWA (SC PL)		\$40,000.00	\$40,000.00
ACPDD (SC PL Match)		\$10,000.00	\$10,000.00
<b>TOTAL</b>	<b>\$20,500.00</b>	<b>\$50,000.00</b>	<b>\$70,500.00</b>

# WORK ELEMENT 4 - TRANSPORTATION SYSTEM PLANNING

## TASK 4.1 – Metropolitan Transportation Plan

**Purpose:** Maintain updates of the ARTS MTP 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, 5.3-Public Transit and 6.1- Performance Based Planning.

**Previous Work:**

1. Updating ARTS 2050 MTP based on amendments, performance targets, financial constraint analysis and newly identified transportation projects and programs.
2. Procured Consultant will update the 2050 MTP based on recommendations in special studies such as corridor plans and public transit plans completed during FY 2018 and FY 2019.
3. Staff continued to develop a regional transportation system GIS database to support all transportation planning work tasks.

**FY 2020 Work Activities and Schedule:** Any updates and amendments to the 2050 MTP for new transportation projects and/or funding will be considered at the appropriate time during FY 2020. The completion dates in the table below represent dates presented to ARTS PC for approval or adoption.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Updates and amendments to the 2050 MTP for new transportation projects, POP, funding and performance measures and targets.	As Needed
2. Update Performance Measures to align with 2050 MTP Goals and Objectives.	October 2019 - September 2020
3. Prepare Technical Staff Report with data analysis and GIS maps for performance measures and targets.	July 2019 - September 2020
4. Update List of Amendments and Administrative Modifications to MTP.	As Needed
5. Identify stakeholders with freight interest.	On-Going
6. Identify stakeholders with bicycle/active transportation interest.	On-Going

The purpose of the MTP is to promote a safe and efficient transport system to serve future year transportation needs. Meeting this objective the MTP must be the result of a continuing, cooperative and comprehensive (3C) transportation planning process. The MTP as a comprehensive performance-based multimodal transportation plan for the ARTS area documents and assesses

multimodal transportation facilities, services, financial and policy needs for a 25 year period (2020 – 2050). FY 2020 work activities and schedule are presented below.

ACTIVITIES/TASKS	EXPECTED COMPLETION DATE
Task #1: Project Administration/Project Kick-Off	April 2019
Task #2: Public Involvement, Education and Outreach (Part 1)	May – June 2019
Task #3: Data Collection and Development	April – July 2019
Task #4: Public Involvement, Education and Outreach (Part 2)	August– March 2020
Task #5: Refine Goals, Objectives and Measures of Effectiveness/Performance Indicators	September – December 2019
Task #6: Year 2050 Transportation Needs Assessment/Plan	October – December 2019
Task #7: Financial Resources and Feasibility Plan	October – December 2019
Task #8: Document Preparation, Draft 2050 MTP and Final 2050 MTP	January 2020 – May 2020 & August 2020

**Product(s)**

- Technical Report #1: Public Participation Strategy, Process and Outcomes
- Technical Report #2: Document review of data pertaining to ARTS multimodal transportation system
- Technical Report #3: Description of the development of goals, objectives and measures of effectiveness/performance indicators
- Technical Report #4: Robust project prioritization tool/process
- Technical Report #5: Transportation Needs Assessment/Plan
- Technical Report #6: Financial plan which includes a fiscally constrained project list for the final preferred scenario

**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)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)	\$800.00	\$4,800.00	\$5,600.00
ACPDD (SC PL Match)	\$200.00	\$1,200.00	\$1,400.00
<b>TOTAL</b>	<b>\$11,000.00</b>	<b>\$6,000.00</b>	<b>\$17,000.00</b>

## **TASK 4.2 - Congestion Management Process**

**Purpose:** To implement existing congestion mitigation strategies and projects identified in the 2020 CMP Update, MTP and travel data collection. This work element will be integrated with Performance Based Planning.

CMP is an integral transportation planning task in the ARTS planning 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 using the National Performance Management Research Data Set (NPMRDS) and/or HERE data.

### **Previous Work:**

1. Completion of the CMP 2019 by VHB Inc., in March 2019. This update quantified transportation system performance; identified the root causes of traffic congestion and laid the foundation for recommending and financing possible solutions. CMP 2019 report was completed and distributed.
2. VHB Inc., presented a report on best practices for measuring congestion and updated the methodology used to the TNSC and TCC.
3. VHB Inc., identified data resources, data gaps and availability and initiated data collection
4. VHB Inc., edited and analyzed existing congested corridors in the ARTS study area.
5. VHB Inc., provided input to update the following transportation planning elements: Regional Transportation System Database Index Report; Performance Based Planning and Programming; Traffic Safety; and, Socioeconomic Demographics Growth Trends including monitoring land use and development data.

**FY 2020 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 applied to congested corridors and congestion mitigation strategies. Much of the data will come from the NPMRDS. ARTS membership of the I-95 Corridor Coalition will provide access to HERE Traffic Data. Both HERE and NPMRDS (accessed online) provide fine-resolution travel-time data of passenger autos and trucks operating on the nation's highways. Travel time surveys are conducted on selected transportation corridors in the ARTS planning area each year to validate NPMRDS data. Congested corridors and/or intersections are determined based on Level of Service (LOS) or other accepted measure of congestion. Congestion mitigation strategies are then identified for each route or intersection and tracked before and after implementation.

The MPO is responsible for coordinating all CMP activities including surveying and validating the CMP routes in the ARTS planning area. CMP results are included in the final report. The MPO and ACPDD continuously monitor transportation facilities for congestion levels and appropriate mitigation strategies. The MPO will review the existing CMP and its application within the ARTS planning process and the MTP. Any updates or changes will be made to the CMP as a result of this review to meet mandated requirements.

ARTS staff will coordinate and collaborate with ACPDD, Aiken County Engineering Department, City of Aiken Public Works Department; City of North Augusta Engineering Department; Columbia

County Engineering Department; and, Richmond County Engineering Department to facilitate and validate NPMRDS and HERE data and congestion on regional corridors.

ACTIVITIES	EXPECTED COMPLETION DATE
Determine routes to be surveyed based on CMP data collection schedule, NPMRDS and/or HERE data and status of congestion mitigation projects	January 2020
Conduct travel time validation surveys of selected congested routes determined by NPMRDS and/or HERE data	February - April 2020
Document status of mitigation projects included in previous year's CMP report by VHB Inc.	May 2020
Complete segment speed worksheets based on results of NPMRDS and/or HERE data	May 2020
Identify congestion mitigation strategies for the surveyed routes	May 2020
Prepare draft CMP report	May 2020
Present results of CMP to ARTS committees	June 2020
Prepare and publish final CMP	June 2020
Amend MTP and / or TIP by incorporating any new congestion mitigation projects resulting from the CMP	On-going/As needed
Evaluate CMP Work Plan and amend based on experience gained from yearly update	On-going/As needed

**Product(s):** Complete travel time validation surveys for the ARTS CMP; publishing of the annual ARTS CMP Report; implementation of specific congestion management strategies identified in the CMP Report; Update Transportation System GIS Database, traffic volume GIS Map and current year LOS analyses.

**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)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$800.00	\$3,200.00	\$4,000.00
ACPDD (SC PL Match)	\$200.00	\$800.00	\$1,000.00
<b>TOTAL</b>	<b>\$26,000.00</b>	<b>\$4,000.00</b>	<b>\$30,000.00</b>

### TASK 4.3 - Intermodal Planning

**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 related to intermodal connections, and to improve safety for non-motorized travel.

Through the implementation of the Regional Bicycle and Pedestrian plan, the ARTS transportation system will be more intermodal. 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 Educational Outreach

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

#### **Previous Work**

1. The 2050 MTP and FY 2019-2023 TIP updates include future transportation projects on routes/corridors serving freight traffic.
2. ARTS Bicycle and Pedestrian Plan (Implementation and monitoring Transportation Alternatives Program (TAP) projects).
3. Aiken County Bicycle and Pedestrian Plan (Implementation and monitoring TAP projects).
4. ARTS staff continued work compiling data to assess Sidewalk and Bus Stop/Shelter Gap Analysis based on the Americans with Disabilities Act (ADA) Self Evaluation Plan for Richmond County.
5. ARTS staff released a solicitation for Transportation Alternatives (TA) Set-aside grant applications.

#### **FY 2020 Work Activities and Schedule**

<b>ACTIVITIES</b>	<b>EXPECTED COMPLETION DATE</b>
1. Complete Streets Policy Technical Report	January 31, 2020
2. Education and outreach materials for bicycle and pedestrian safety	February 15, 2020
3. Collect data to create GIS map Critical Freight Corridors	April 2020
4. Collect and analyze traffic conflicts at railroad crossings	June 30, 2020

ACTIVITIES	EXPECTED COMPLETION DATE
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 2020

**Product(s)**

1. Complete Streets 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 Division (CCPD).

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)	\$400.00	\$3,200.00	\$3,600.00
ACPDD (SC PL Match)	\$100.00	\$800.00	\$900.00
<b>TOTAL</b>	<b>\$25,500.00</b>	<b>\$4,000.00</b>	<b>\$29,500.00</b>

# TASK 4.4 SPECIAL TRANSPORTATION STUDIES

## TASK 4.4.1 – Washington Road Corridor Pedestrian Study

**Purpose:** The Washington Road corridor (SR 104 from E. Vineland Road to Davis Road) is one of the most heavily trafficked corridors in the ARTS planning area. Dominated by strip malls, eateries, motor vehicle dealerships and the Augusta National Golf Course; traversing across or along the corridor is problematic and dangerous for pedestrians and bicyclists. The study’s primary goal is to create a set of acceptable improvements (design scenarios) that emphasize pedestrian and bicyclist safety, mobility and connectivity along and across Washington Road while maintaining corridor operational efficiency and economic vitality. Study themes will include the following:

- Walking and bicycling audit and general observations
- Inventory of existing conditions and facilities
- Pedestrian and bicyclist access management and safety assessment
- Identification and assessment of corridor scenarios that better serve pedestrians and bicyclists

**Previous Work:** None. However, this study will dovetail with the Central Martinez Area Access Management Plan study of Columbia County commenced in FY 2019.

**FY 2020 Work Activities and Schedule:** APDD with assistance from the City of Augusta Procurement Department will lead the procurement process to secure a professional consultant/s. ARTS staff will assist APDD with Project Management and Technical oversight. This project will be integrated with the 2050 MTP Performance Based Multimodal Plan.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Contract award and Notice to Proceed	September 2019
2. Task #1 - Walking and bicycling audit of Washington Road Corridor	October 2019
3. Task #2 – Development of public involvement and stakeholder outreach and participation strategy	October - November 2019
4. Task #3 - Existing conditions inventory	November - December 2019
5. Task #4 - Access Management and safety assessment	January - February 2020
6. Task #5 - Identification and assessment of needs and issues	February - March 2020
7. Task #6 - Scenario identification, assessment and evaluation	February - March 2020
8. Task #7 - Development of draft and final corridor pedestrian and bicycle plan	March 2020

**Product(s):** FY 2020 ARTS Washington Road Corridor Pedestrian Study

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

## TASK 4.4.2 – Aiken County Access Management Plan

**Purpose:** The purpose of Access Management is to control or restrict roadway access through limiting or consolidating vehicular access points. The benefit of this access strategy improves transportation operations and safety along a roadway for all users. Access management improves safety by reducing the number and improving the spacing of conflict points along a roadway or corridor. Access Management also pays careful consideration to the interaction between automobile access points and the non-motorized (pedestrian and bicycle) and transit facilities along a roadway.

This work task proposes to hire a consultant/s to conduct the Aiken County Access Management Plan. The project will include but is not limited to: land use development policies, identification of access management practices, traffic analyses, capacity analyses, micro-simulation modeling, and the creation of concept drawings suitable for presentations to stakeholders, business and property owners, local and state elected officials and the public. This study will produce recommendations of access management improvement projects to present to the ARTS MPO committees and SCDOT to amend the 2050 MTP.

**Study Area:** The county-wide study area includes CMP corridors and highways in Aiken County SC.

**FY 2020 Work Activities and Schedule:** APDD with assistance from the City of Augusta Procurement Department will lead the procurement process to secure professional consultants. ACPDD staff will assist APDD with Project Management and Technical oversight. This project will be integrated with the 2050 MTP Performance Based Multimodal Plan.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Contract award and notice to proceed	September 2019
2. Task I - Define Aiken County Access Management Study area; and define Goals and Objectives.	October – November 2019
3. Task II – Develop Public Participation and Stakeholder Outreach	October – November 2019
4. Task III – Review existing access management policies and plans; collect analyze data; develop corridor traffic conditions; create GIS maps and database files.	December 2019 – January 2020
5. Task IV – Conduct Corridor Analyses - identify issues and needs. Consideration be given for CMP Integration, Performance Measures and Freight Movement.	January – February 2020
6. Task V - Develop sketch concept-level access management Improvements as well as land development strategies and project prioritization.	February – March 2020
7. Task VI – Develop Draft and Final Aiken County Access Management Plan. Conduct final public meetings and ARTS MPO Committee meeting.	March 2020

**Product(s):** FY 2020 Aiken County Access Management Plan

**Responsible Agency:** Aiken County Planning and Development Department (ACPDD)

### TASK 4.4.3 – US 1 Corridor Study

**Purpose:** U.S. Route 1 (US 1) is a north–south highway in the state of South Carolina. In Aiken County US 1 connects the cities of North Augusta and Aiken. Aiken County Council has commissioned a corridor study of US 1 to evaluate its functionality and roadway and adjacent land use interactions; and, make recommendations for improvements that would address congestion, economic development and highway safety.

The intent of this study is to assist ACPDD in the analysis of existing conditions, surrounding growth trends, greenspace and traffic patterns as well as determining the next steps for improvements. This study will also include an evaluation of alternatives in the management of existing and future traffic flows along the US 1 Corridor Gateway. Alternatives may include lane re-configurations, access management, intersection control options, alternative intersection designs, and pedestrian connectivity within the various land use districts along the US 1 Corridor Gateway.

**Previous Work:** None.

#### **FY 2020 Work Activities and Schedule:**

ACTIVITIES	EXPECTED COMPLETION DATE
1. Task #1: Project Preparation and Initiation	January 2020
2. Task #2 Existing Condition Assessment and Analysis. This will include: Review of existing land uses; analysis of existing facilities; analysis and compilation of crash data; and, traffic operations analysis.	January - February 2020
3. Task #3: Public Meetings and Stakeholder Engagement	January – March 2020
4. Task #4: Access management analysis; assessment of environmental and social impacts; and, examining impacts to freight movements along and through the corridor.	March – April 2020
5. Task #5: Alternatives Analysis which will include: Evaluation of advantages and disadvantages and cost comparisons of the various alternatives; Impacts of the alternatives on regional and county roadway systems; Analysis of resulting capacity and LOS at major intersections; and, Investigation of the feasibility of the construction of alternatives.	April – May 2020
6. Task #6: Draft Corridor Study Document to include: Scenario implementation plan with cost estimates	May 2020
7. Task #7: Corridor Study Final Report	June 2020

**Product(s):** FY 2020 ARTS US 1 Corridor Gateway Report

#### **COST ESTIMATES AND PROPOSED FUNDING SOURCES FOR 4.4.1, 4.4.2 AND 4.4.3**

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

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>ACPDD</b>	<b>TOTALS</b>
FHWA (GA PL)	\$112,563.20		\$112,563.20
APDD (GA PL Match)	\$28,140.80		\$28,140.80
FHWA (SC PL)		\$150,000.00	\$150,000.00
ACPDD (SC PL Match)		\$37,500.00	\$37,500.00
<b>TOTAL</b>	<b>\$140,704.00</b>	<b>\$187,500.00</b>	<b>\$328,204.00</b>

## TASK 4.4.4 – Martintown Road at I-20 Corridor Study

### **Purpose:**

To define acceptable levels of access and mobility while determining transportation system needs to support surrounding land uses. The selected consultant will identify operational deficiencies and promote operational efficiency. North Augusta Planning and Development’s intent of this study is to consolidate and control access points and promote redevelopment of an underperforming Martintown Road at I-20 corridor.

**Overview:** The City of North Augusta has recently been notified of plans to signalize the Bergen Road intersection. Previous projects to improve the I-20 intersection are included on previous ARTS project lists. Additionally, the City is concerned about the alignment of Knobcone Road, school traffic, and upcoming development along the corridor.

This corridor has seen the addition of 1,177 residents accessing Bergen Road and Austin Graybill Road over the last decade. There are several large tracts remaining along the corridor. With proposed development on both sides of the I-20 interchange, North Augusta would like to study the traffic pattern in light of development pressure that will occur in the near future.

The applicant for the River Falls Apartments (220 units) has provided a Traffic Impact Analysis and signalization analysis that indicates signalization of the frontage road is warranted. The 178 acre property across from the River Falls Apartments on Martintown Road will potentially have 284 single-family units, 384 apartment units, and 285,900 square feet of commercial space. This will impact access and improvements in the area and may require additional signalization. The City of North Augusta believes it is in our best interest to anticipate these developments and work to create a corridor that can facilitate this amount of growth.

**Termini:** The termini for the Martintown at I-20 Corridor Planning Study would be Martintown Road from Gregory Lake Road to Byrnes Drive.

FUNDING SOURCE	NAPDD	TOTALS
FHWA (SC PL)	\$32,000.00	\$32,000.00
NAPDD (SC PL Match)	\$8,000.00	\$8,000.00
<b>TOTAL</b>	<b>\$40,000.00</b>	<b>\$40,000.00</b>

**Product(s):** A plan that will be adopted by the local municipality that provides recommendations for traffic improvement and provides the opportunity to coordinate with SCDOT and private developers along the corridor. This will include multimodal transportation system solutions that meet the study area’s transportation challenges and be supportive of the preferred land use vision within the study area. These solutions will be outlined in incremental time blocks and with logical thresholds for improvements.

**Responsible Agency:** North Augusta Planning and Development Department (NAPDD)

**Activities:**

<b>ACTIVITIES</b>	<b>EXPECTED COMPLETION DATE</b>
Issuance of RFP	08-2019
RFP Review and Contract Execution	09-2019
Study Completion and Review	TBD
Plan Distribution and Review	TBD
Plan Adoption	TBD

**Expected Completion Date:** 03-05/2020

## TASK 4.5 - Air Quality Issues

**Purpose:** To monitor relevant air quality data and regulations, restart and coordinate the work of the CSRA Air Quality Alliance (or other regional/local air quality advocacy nonprofit organization), 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 paths 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 (SCDHEC), 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 SCDHEC.
2. Distributed Air quality information at special events in the Augusta-Aiken area.
3. Attended, coordinated and hosted periodic meetings discussing air quality issues.
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 attend state Air Quality Summits conducted by SCDHEC and share best practices with other Air Quality Alliances/advocacy groups. These best practices include ways to promote alternative transportation options and energy conservation such as:

1. Carpooling, ridesharing, and combining trips and limiting unnecessary trips;
2. Trip-chaining or combining errands to reduce daily number of trips ;
3. Keeping personal motor vehicles properly maintained, tires properly inflated and saving electricity;
4. Walking or riding a bike on short trips and avoid driving during peak hours;
5. Don't drive above the speed limit; and,
6. Take the bus.

***FY 2020 Work Activities and Schedule:***

ACTIVITIES	EXPECTED COMPLETION DATE
1. ARTS staff will explore participation in the Environmental Protection Agency (EPA) Advance Program (EPA Region 4) to position the region to remain in attainment.	December 2020
2. Prepare Technical Memorandum on the Review of EPA Advance Program and ARTS Action steps.	December 2020
3. Participate in local and regional air quality initiatives and activities	On-Going
4. Pursue viable air quality initiatives made available throughout the fiscal year to Aiken County by the SCDHEC	On-Going
5. Monitor relevant air quality data	On-Going
6. Coordinate the work of a localized air quality advocacy group	On-Going
7. Monitor developments related to federal air quality regulations and requirements	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), Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$14,000.00		\$14,000.00
APDD (GA PL Match)	\$3,500.00		\$3,500.00
FHWA (SC PL)	\$1,600.00	\$3,600.00	\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
<b>TOTAL</b>	<b>\$19,500.00</b>	<b>\$4,500.00</b>	<b>\$24,000.00</b>

# WORK ELEMENT 5 - PUBLIC TRANSIT / PARATRANSIT

## TASK 5.1 - Program Support and Administration (44.21.00)

**Purpose:** To provide planning and administrative assistance to Augusta Public Transit and LSCOG. Under this work element, the MPO staff will provide assistance to Augusta Public Transit (APT) and Best Friend Express in preparing financial and operation's reports required by the MAP 21/ FAST legislation. Assistance in the preparation of the National Transit Database (NTD) reports will also continue. Additional administrative assistance will include: Preparing required certifications; Updating annual Title VI assurances; Providing opportunity for public hearings on grant applications and fare/service changes; Processing procurements involving Federal and State funds; Assisting in planning for transit system capital investments that will lead to increased security for the transit system; Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process; Developing the Georgia public transportation portion of the Unified Planning Work Program; and providing technical assistance on any transit related issues facing APT. For LSCOG and the Best Friend Express their staff will also engage in employee training and education; participation in, and attendance at, all ARTS committees; community outreach and marketing; multiple grant(s) development and grant administration; grant reporting; DBE reporting; procurement; service provider contracting and oversight

### Previous Work

1. Assisted with the production of COA of APT's transit operations; and with the siting of the new site for APT's new Transit Bus Maintenance and Administration facility.
2. Grant management for implementing FTA Section 5310 Enhanced Mobility for the Elderly and Disabled persons for LSCOG.
3. Assisted with transit service area GIS mapping and geo-coding address matching.

**FY 2020 Work Activities and Schedule:** In previous years, the MPO staff have provided assistance to APT on an as-needed basis in preparing the transit planning, coordinated public involvement, financial and operations reports.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Preparing Triennial Review.	June - July 2020
2. Update the Annual Title VI Monitoring Report.	June - July 2020
3. Update socioeconomic demographic GIS data analysis for EJ.	July 2020 - March 2021
4. Conduct public meetings for review and comment period for Program of Projects related to grant applications and fare/service changes, MTP & special studies.	As Needed

ACTIVITIES	EXPECTED COMPLETION DATE
5. Assist in planning for transit system capital investments that will lead to increased security for the transit system.	As Needed
6. Develop UPWP and Georgia 5303 Grant Application.	Oct - Dec 2020
7. Provide technical transit planning and grant management assistance related to Coordinated Human Services Transportation, ADA accessibility, transit service operational improvements, land use and transportation, transit-oriented development and other issues.	Quarterly
8. FY 2020 FTA 5303 Quarterly Reports to GDOT and SCDOT.	Oct, Jan, Apr, Jun
9. Facilitate MPO committee meetings for transit planning tasks.	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, 2020
11. FY 2020 Invoices and Milestone Progress Reports (MPR) reporting for Section 5310 Program.	Monthly by the 5 <sup>th</sup>
12. Assist with POP and transit funding tables in TIP for APT and LSCOG.	June & July 2019
13. FTA Section 5307 Grant Application SC	June 1, 2020
14. Procurement and Contract Execution for Best Friend Express (BFE)/Dial-A-Ride (DAR) SC	June 30, 2020
15. FTA Section 5310 Sub-recipient Application SC	February 15, 2020
16. Procurement and Contract Execution for 5310 Service SC	June 30, 2020
17. Semi-annual Disadvantaged Business Enterprise (DBE) Reporting for Urban Transit Services SC	Dec. & June 2019/2020
18. FTA Required MPR and Federal Financial Reports (FFR) Reporting for Grants in TrAMS SC	Annually
19. Quarterly Reporting for 5303 Planning Services SC	Quarterly
20. State Application to SCDOT for State Mass Transit Funds (SMTF) funding SC	March 30, 2020
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. LSCOG Newsletter	Aug 19, Nov 19, & Feb 20
25. Applications for Funding to be used as Local Match SC	Annually
26. FTA Triennial Workshops	As Needed
27. SCDOT Public Transportation Workshop	SEPT 2020
28. Transportation Association of South Carolina (TASC) conference	Spring 2020
29. South Carolina Annual MPO/COG Workshop	TBD
30. National Transit Institute webinars	On-Going

ACTIVITIES	EXPECTED COMPLETION DATE
31. Assist with Program of Projects and transit funding tables	On-Going
32. Perform Transit Service Provider Contract Oversight	On-Going
33. Participate in the Coordinated Human Services Transportation planning efforts	On-Going
34. Assist with the application development of FTA Section 5310 for urban transportation	On-Going
35. Prepare for any funding reviews and the Triennial Reviews as they become due.	On-Going

**Product(s)**

1. Grant administration activities for FTA Section 5310 Submission of a grant application on behalf of APT for capital and operating assistance.
2. Preparation of the GA UPWP public transit elements.
3. Various Grant Applications and Funding Requests.
4. Various Monthly, Quarterly and Annual Reports.
5. 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 (APT) and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	APDD	LSCOG	TOTAL
FTA (FHWA GA SEC 5303)	\$25,085.00		\$25,085.00
GA DOT (SEC 5303 Match)	\$3,135.00		\$3,135.00
APDD (SEC 5303 Match)	\$3,135.00		\$3,135.00
FTA (FHWA SC SEC 5303 )		\$26,040.00	\$26,040.00
LSCOG (SEC 5303 Match)		\$6,510.00	\$6,510.00
<b>TOTALS</b>	<b>\$31,355.00</b>	<b>\$32,550.00</b>	<b>\$63,905.00</b>

## ***TASK 5.2 – Metropolitan Transportation Planning (System Level) (44.23.01)***

**Purpose:** To provide and/or create current data annually that is utilized in the Metropolitan Transportation Planning (MTP) and Analysis. These data sets include Socioeconomic Data/Environmental Justice; Land Use Monitoring; Transportation Surveys, Models and Analysis; GIS Development and Application; Long Range Transit Planning; Performance Based Planning; Congestion Management; Air Quality Issues; Public Administration; and Intermodal Planning. Community Outreach and Education is performed as part of this task to disseminate the new information. To successfully respond to public transit requirements for Transit Asset Management (TAM) Plans and for Safety. To review the ten year planning horizon for the Best Friend Express’s transit development plan (TDP).

### ***Previous Work***

1. Updated Financial Capacity Assessment and COA.
2. Assisted with public involvement for the COA.
3. Developed framework for FTA Section 5310 Enhanced Mobility for seniors and Individuals with Disabilities which included service operation strategy, grant administration and mobility management for travel training.
4. LSCOG assisted with the development and implementation of the FTA Section 5310 urban program for residents of Aiken County who are 60+ or a person with a disability.
5. Completed the ten year Transit Development Plan for the BFE transit system.
6. Developed GIS mapping for address matching for transit service zones to schedule mobility trips and reservations for ADA complementary trips.

### ***FY 2020 Work Activities and Schedule***

<b>ACTIVITIES</b>	<b>ESTIMATED COMPLETION DATES</b>
1. Continue assessing the financial capability of APT and BFE and continue to 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 Enhanced Mobility for Seniors and Individuals with Disabilities.	July 16, 2019; January 16, 2020
3. Review transit system performance data reported to NTD.	October 30, 2019
4. Staff tasks related to 2050 MTP Performance Based Multimodal Plan Update – Socioeconomic data, GIS analysis and mapping, community outreach, regional travel model for transit.	July 2019 – June 30, 2020
5. Develop Tech Staff Report on performance measures for public transit.	November 15, 2019
6. Implementation Action Plan for recommendations in the Transit Development Plan (TDP).	December 15, 2019
7. Administration of FTA 5310 Grant for APT and LSCOG. Monthly ridership report and invoices submitted to Central Savannah River Area Regional Council (CSRA-RC).	Monthly on the 5 <sup>th</sup>

8. Develop Coordinated Human Services Framework for ARTS urbanized area served by APT and LSCOG.	August 30, 2019
9. LSCOG Updates and Amendments to the MTP 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. 2050 MTP Performance Based Multimodal Plan Update – socioeconomic data, land use development data collection and analysis, GIS analysis and mapping, community outreach, regional travel model for transit.
3. Corridor Plans – application of Land use and Access Management and Complete Streets policies to increase transit ridership and ADA safety
4. Performance Measures – Public Transit
5. 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**

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>LSCOG</b>	<b>TOTAL</b>
FTA (FHWA GA SEC 5303)	\$46,454.00		\$46,454.00
GA DOT (SEC 5303 Match)	\$5,807.00		\$5,807.00
APDD (SEC 5303 Match)	\$5,807.00		\$5,807.00
FTA (FHWA SC SEC 5303 )		\$2,000.00	\$2,000.00
LSCOG (SEC 5303 Match)		\$500.00	\$500.00
<b>TOTALS</b>	<b>\$58,068.00</b>	<b>\$2,500.00</b>	<b>\$60,568.00</b>

### **TASK 5.3 - Short-Range Transportation Planning (44.24.00)**

**Purpose:** To perform tasks that are immediate in nature and are reviewed for implementation within the next 3-5 years. APDD will assist APT with the task of monitoring performance and the implementation of existing plans on a short term basis. LSCOG staff will undertake their required short-range transit planning activities. This includes preparing the necessary operations reports, periodically evaluating the level of transit service, monitoring requirements of the grant process, preparing the annual NTD report, preparing the annual update to the Title VI assurances, and helping prepare the next year’s UPWP.

#### **Previous Work**

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

#### **FY 2020 Work Activities and Schedule**

<b>ACTIVITIES</b>	<b>EXPECTED COMPLETION DATE</b>
1. Monitor, update and program grant funds for buses and/or vans for ADA complementary services including purchase or lease of new transit vehicles 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, 2019
3. Update of Complementary Paratransit Plan	December 31, 2019
4. Perform the Triennial Update to the BFE/LSCOG Title VI Plan with LSCOG Board Approval;	March 31, 2020
5. Review all demand response/paratransit services offered by LSCOG for Contractor’s current capacity and for unmet needs in the community.	Annually no later than June 30, 2020
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 of any New or Revised Service	On-Going
8. Respond to Requests for Presentations to the Public or Agencies	On-Going
9. Annual NTD Report and Validation Response	December 31, 2019
10. Attorney and Executive Director Signatures on Annual Certification & Assurances for FTA	March 1, 2020
11. Capital Vehicle Acquisition Planning	April 2020
12. Updates to Transit Asset Management (TAM) Plan	May 2020
13. Update to Safety and Security Documents and Planning	June 2020
14. Review the TDP for Possible Implementation of Previous Recommendations	June 2020

**Product(s):**

1. Annual update of the complementary paratransit plan for Augusta Public Transit.
2. Annual NTD Report
3. Annual Certifications and Assurances
4. TAM Plan Updates
5. Transit section of UPWP completed

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>LSCOG</b>	<b>TOTALS</b>
FTA (SEC 5303)	\$33,701.00		\$33,701.00
GA DOT (SEC 5303 Match)	\$4,213.00		\$4,213.00
APDD (GA PL Match)	\$4,213.00		\$4,213.00
FTA (SEC 5303)		\$15,960.00	\$15,960.00
LSCOG (SEC 5303 Match)		\$3,990.00	\$3,990.00
<b>TOTAL</b>	<b>\$42,127.00</b>	<b>\$19,950.00</b>	<b>\$62,077.00</b>

**TASK 5.4 - Transportation Improvement Program (44.25.00)**

**Purpose:** APT and LSCOG will participate with the ARTS MPO in the completion of the TIP and its updates; coordinate with the MPO for the split allocation letters for Section 5307 funding; assist with the additional programming of FTA Section 5339 and urban 5310.

**Previous Work**

1. Continued assessment of the financial capability of APT and to secure other possible funding sources to implement recommendations from the COA.

**FY 2020 Work Activities and Schedule**

ACTIVITIES	ESTIMATED COMPLETION DATES
1. Prepare and submit to the ARTS MPO the annual updates to the TIP.	June 31, 2020
2. Review SC STIP and follow up with APDD to make sure LSCOG programming has made it to South Carolina DOT. Programming may include, but not limited to, Section 5307, 5339 and 5310.	November 1, 2019
3. Update the text in the TIP regarding Program of Projects and Financial Plan for the Best Friend Express transit system.	On-going

**Product(s):**

1. Completed TIP document reviewed and adopted by the ARTS Committees.
2. SCDOT STIP reflecting accurate programming information for Aiken County Transit.

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

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

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (FHWA GA SEC 5303)	\$32,159.00		\$32,159.00
GA DOT (SEC 5303 Match)	\$4,020.00		\$4,020.00
APDD (SEC 5303 Match)	\$4,020.00		\$4,020.00
FTA (FHWA SC SEC 5303)		\$4,000.00	\$4,000.00
LSCOG (SEC 5303 Match)		\$1,000.00	\$1,000.00
<b>TOTAL</b>	<b>\$40,199.00</b>	<b>\$5,000.00</b>	<b>\$45,199.00</b>

# WORK ELEMENT 6 – PERFORMANCE BASED PLANNING

## TASK 6.1 - Performance Based Planning

**Purpose:** 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 the long term MTP 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- Metropolitan Transportation Plan; 4.2- Congestion Management Process, 4.3-Public Transit; and. 5.4- Transportation Improvement Program.

The FAST Act established performance measures in seven (7) 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 worked with Richmond and Columbia Counties to identify traffic data and travel time data from the Intelligent Transportation System (ITS) and NPMRDS and HERE datasets.
2. ARTS staff worked with APT to identify transit system performance data that will be utilized to develop performance measures related to public transit operations.
3. Adoption of FY 2019 Safety Measures from GDOT and SCDOT.

**FY 2020 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 CMP, 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 National Highway System (NHS) & FHWA.	October 1 2019
2. Initial TAM plans due for transit providers/TAM plan sponsors.	October 1, 2019
3. TAM Performance Measure elements added to TIP/MTP after 10/1/19 adopted by TCC.	October 12, 2019
4. TAM Performance Measure elements added to TIP/MTP after 10/1/2019; adopted by CAC.	November 14, 2019
5. Include TAM Performance Measure elements in TIP/MTP after 10/1/2018; adopted by PC.	December 6, 2019
6. MPO executes updated planning agreements – SCDOT.	2019 - 4 <sup>th</sup> Quarter
7. TAM - Submit Asset Inventory and Condition Report to NTD.	January 31, 2020
8. Pavement, Bridge, System Performance and Freight – MPO 4-year targets due to GDOT and SCDOT.	2019 - 4 <sup>th</sup> Quarter or March 29, 2020
9. Pavement/Bridge/System Performance/Freight Performance Measures added to TIP/MTP after 5/20/2020, adopted by TCC.	August 12, 2020
10. Pavement/bridge/system performance/freight Performance Measures added to TIP/MTP after 5/20/2020, adopted by CAC.	August 12, 2020
11. Pavement/bridge/system performance/freight Performance Measures added to TIP/MTP after 5/20/2020, adopted by PC.	September 3, 2020
12. Collection, editing and processing data for performance measures: occurs concurrently with other deliverables: CMS, and Intersection and Traffic Crash Analysis Report.	Data collected throughout FY 2020
13. 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 2020
14. Yearly update of Performance Measures with 2050 MTP Goals and objectives. Develop draft Performance Measures Data Matrix, Methodology Summary Report.	November 2019
15. Coordinate and collaborate with FHWA, FTA, GDOT, SCDOT and ARTS MPO Committees methodology for data analysis and target setting process.	On-Going
16. Present GDOT and SCDOT Safety Measures and targets to ARTS MPO committees for approval and adoption by PC.	December 3, 2019
17. Update documentation of Data collection methodology and final performance measures and targets in coordination with ARTS MPO committees, GDOT and SCDOT.	On-Going
18. Public review and comment of performance measures and targets.	As Needed
19. ARTS Traffic Safety Improvement Report Semi-Annual Update.	Dec 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 (APDD), Aiken County Planning and Development Department (ACPDD), and Columbia County Planning Division (CCPD).

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>ACPDD</b>	<b>TOTALS</b>
FHWA (GA PL)	\$18,400.00		\$18,400.00
APDD (GA PL Match)	\$4,600.00		\$4,600.00
FHWA (SC PL)		\$9,600.00	\$9,600.00
ACPDD (SC PL Match)		\$2,400.00	\$2,400.00
<b>TOTAL</b>	<b>\$23,000.00</b>	<b>\$12,000.00</b>	<b>\$35,000.00</b>

## WORK ELEMENT 7 – TRANSPORTATION IMPROVEMENT PROGRAM

### TASK 7.1 - Transportation Improvement Program (TIP)

**Purpose:** Update the ARTS TIP in conformance with Federal regulations.

This work element involves the annual update of the 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 TIP was updated based on amendments and administrative modifications during the previous fiscal year.
2. ARTS staff released a solicitation for new TA Set-aside Projects for FY 2019-2020 funds for Richmond and Columbia Counties, GA. Project implementation is ongoing for existing projects.

**FY 2020 Work Activities and Schedule:** TIP updates and amendments will be integrated with work element 6.1- Performance Based Planning.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Public comments on Draft FY 2019 – 2024 TIP (GDOT State Transportation Improvement Program (STIP) update)	September 2019
2. TIP Update and Performance Based Planning Integration	Dec 2019 – Jan 2020
3. Develop Draft TIP	March 2020
4. Test Transportation Network	March 2020
5. TIP Update and Performance Based Planning Integration for TIP amendments	April 2020
6. Draft ARTS FY 2019 – 2024 TIP (SCDOT - Adopt 2020 – 2025 TIP)	April 2020
7. Adopt Draft TIP	June 2020
8. Complete Public Review and Agency Consultation	July 2020
9. Adopt Final TIP	September 2020
10. Implement TIP	On-Going
11. Update List of Administrative Modification to TIP	On-Going

**Product(s):**

1. Updated ARTS Transportation Improvement Program (TIP);
2. Updated GIS Interactive online map MTP/TIP Maps and GIS attribute database.

**COST ESTIMATES AND PROPOSED FUNDING SOURCES**

**Responsible Agencies:** Augusta Planning and Development Department (APDD), Georgia Department of Transportation (GDOT), South Carolina Department of Transportation (SCDOT) and Aiken County Planning and Development Department (ACPDD).

<b>FUNDING SOURCE</b>	<b>APDD</b>	<b>ACPDD</b>	<b>TOTALS</b>
FHWA (GA PL)	\$32,000.00		\$32,000.00
APDD (GA PL Match)	\$8,000.00		\$8,000.00
FHWA (SC PL)	\$1,600.00	\$5,200.00	\$6,800.00
ACPDD (SC PL Match)	\$400.00	\$1,300.00	\$1,700.00
<b>TOTAL</b>	<b>\$42,000.00</b>	<b>\$6,500.00</b>	<b>\$48,500.00</b>

# UNFUNDED PRIORITIES – TRANSPORTATION

## Unfunded Priorities – Transportation Planning Tasks

**Purpose:** The purpose of corridor planning is to analyze traffic and travel conditions along major transportation corridors and its 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. Determine the location and feasibility of other multimodal systems
5. Evaluate existing and future travel
6. Analyze the need and location for intersection improvements
7. Freight Movement reliability
8. Bicycle and Pedestrian Planning – Regional Connectivity and Safety

Promoting the concentration of future employment and other activity centers along existing and planned major travel corridors is one of several goals contained in the ARTS 2040 Metropolitan Transportation Plan (Goal 2.2.1.6 Land Use and Transportation Integration). Corridor planning assists 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 2050 MTP.

**FY 2020 Work Activities and Schedule:** ARTS staff will prepare and submit a MPO Planning (PL) funding application during the fiscal year as local matching funds are budgeted by Augusta Richmond County. APDD contracted a consultant to develop a Performance Measures Indicator and Tracking Dashboard; and, coordinate corridor planning in Richmond County. The APDD will work with the Engineering Department 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 and Peach Orchard Multimodal Corridor Plan.

**Work Schedule:** July 1, 2018 to June 30, 2020

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

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

Freight Plan Update = \$150,000

Bicycle and Pedestrian Plan Update = \$175,000

Performance Measures Indicator and Tracking Dashboard = \$150,000

Richmond County Corridor Planning Budget = \$400,000

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**Figure 3 - FY 2020 UPWP Budget**

FIGURE 3 ARTS FY 2020 UPWP WORK ELEMENTS BY FUNDING SOURCE Revised 9/18/2019		AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT							AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)		NORTH AUGUSTA PLANNING & DEVELOPMENT		TOTAL
		FHWA GA PL	APDD MATCH	FHWA SC PL	ACPDD MATCH	FTA SEC 5303 FUNDS	SEC 5303 GA STATE MATCH	SEC 5303 APDD MATCH	FHWA SC PL	ACPDD MATCH	FTA SEC 5303 SC PL	SEC 5303 LSCOG MATCH	FHWA SC PL	NAPDD MATCH	
1.1	Program Coordination/Administration	\$48,000.00	\$12,000.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$45,000.00	\$11,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,750.00
1.2	Training/Employee Education	\$31,200.00	\$7,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46,500.00
1.3	UPWP	\$8,000.00	\$2,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,500.00
<b>Subtotal: Program Administration</b>		<b>\$87,200.00</b>	<b>\$21,800.00</b>	<b>\$6,800.00</b>	<b>\$1,700.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$53,000.00</b>	<b>\$13,250.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$183,750.00</b>
2.1	Community Outreach / Education	\$16,000.00	\$4,000.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$1,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,750.00
<b>Subtotal: Public Involvement</b>		<b>\$16,000.00</b>	<b>\$4,000.00</b>	<b>\$2,000.00</b>	<b>\$500.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,000.00</b>	<b>\$1,250.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$28,750.00</b>
3.1	Environmental Justice & Socioeconomic Data	\$14,000.00	\$3,500.00	\$1,200.00	\$300.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,000.00
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	\$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	\$0.00	\$0.00	\$18,500.00
3.4	Environmental Justice / Title VI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000.00
3.5	GIS Development & Applications	\$16,400.00	\$4,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70,500.00
<b>Subtotal: Data Collection</b>		<b>\$45,600.00</b>	<b>\$11,400.00</b>	<b>\$1,600.00</b>	<b>\$400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$52,400.00</b>	<b>\$13,100.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$124,500.00</b>
4.1	Metropolitan Transportation Plan	\$8,000.00	\$2,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$4,800.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,000.00
4.2	Congestion Management	\$20,000.00	\$5,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00
4.3	Intermodal Planning	\$20,000.00	\$5,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29,500.00
4.4.1	Special Study- Washington Road Corridor Pedestrian Study	\$112,563.20	\$28,140.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$140,704.00
4.4.2	Special Study- Aiken County Access Management Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	\$12,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,500.00
4.4.3	US 1 Corridor Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,000.00
4.4.4	Martintown Road at I-20 Corridor Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32,000.00	\$8,000.00	\$40,000.00
4.5	Air Quality Issues	\$14,000.00	\$3,500.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$3,600.00	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,000.00
<b>SUBTOTAL: Transportation System Planning</b>		<b>\$174,563.20</b>	<b>\$43,640.80</b>	<b>\$3,600.00</b>	<b>\$900.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$164,800.00</b>	<b>\$41,200.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$32,000.00</b>	<b>\$8,000.00</b>	<b>\$468,704.00</b>
5.1	Program Support and Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$25,085.00	\$3,135.00	\$3,135.00	\$0.00	\$0.00	\$26,040.00	\$6,510.00	\$0.00	\$0.00	\$63,905.00
5.2	Long-Range Transportation Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$46,454.00	\$5,807.00	\$5,807.00	\$0.00	\$0.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$60,568.00
5.3	Short -Range Transportation Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$33,701.00	\$4,213.00	\$4,213.00	\$0.00	\$0.00	\$15,960.00	\$3,990.00	\$0.00	\$0.00	\$62,077.00
5.4	Transportation Improvement Program	\$0.00	\$0.00	\$0.00	\$0.00	\$32,159.00	\$4,020.00	\$4,020.00	\$0.00	\$0.00	\$4,000.00	\$1,000.00	\$0.00	\$0.00	\$45,199.00
<b>SUBTOTAL: Transportation System Planning</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$137,399.00</b>	<b>\$17,175.00</b>	<b>\$17,175.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$48,000.00</b>	<b>\$12,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$231,749.00</b>
6.1	Performance Based Planning	\$18,400.00	\$4,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,600.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,000.00
<b>SUBTOTAL: Performance Based Planning</b>		<b>\$18,400.00</b>	<b>\$4,600.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$9,600.00</b>	<b>\$2,400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$35,000.00</b>
7.1	Transportation Improvement Program	\$32,000.00	\$8,000.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,500.00
<b>SUBTOTAL: Transportation Improvement Program</b>		<b>\$32,000.00</b>	<b>\$8,000.00</b>	<b>\$1,600.00</b>	<b>\$400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,200.00</b>	<b>\$1,300.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$48,500.00</b>
<b>GRAND TOTAL</b>		<b>\$373,763.20</b>	<b>\$93,440.80</b>	<b>\$15,600.00</b>	<b>\$3,900.00</b>	<b>\$137,399.00</b>	<b>\$17,175.00</b>	<b>\$17,175.00</b>	<b>\$290,000.00</b>	<b>\$72,500.00</b>	<b>\$48,000.00</b>	<b>\$12,000.00</b>	<b>\$32,000.00</b>	<b>\$8,000.00</b>	<b>\$1,120,953.00</b>
<b>SUBTOTAL: Unfunded -MPO Supplemental GA PL Funds</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
2050 MTP Study - FY2019 GAMPO & Aiken County Funds		\$216,000.00	\$54,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,000.00	\$16,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350,000.00
Freight Study		\$160,000.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,000.00

UPWP FY 2020  
 GA & SC ARTS FTA SUMMARY  
 SECTION 5303

1/22/2019

Work Element	LSCOG			
	FTA SEC 5303	LSCOG Match	Total SC SEC 5303	
5.1	Program Support and Administration (44.21.00)	\$26,040.00	\$6,510.00	\$32,550.00
5.2	Long-Range Transportation Planning (44.23.01)	\$2,000.00	\$500.00	\$2,500.00
5.3	Short-Range Transportation Planning (44.24.00)	\$15,960.00	\$3,990.00	\$19,950.00
5.4	Transportation Improvement Program (44.25.00)	\$4,000.00	\$1,000.00	\$5,000.00
<b>Total</b>		<b>\$48,000.00</b>	<b>\$12,000.00</b>	<b>\$60,000.00</b>

APDD			
FTA SEC 5303	GA DOT Match	APDD Match	Total GA SEC 5303
\$25,085.00	\$3,135.00	\$3,135.00	\$31,355.00
\$46,454.00	\$5,807.00	\$5,807.00	\$58,068.00
\$33,701.00	\$4,213.00	\$4,213.00	\$42,127.00
\$32,159.00	\$4,020.00	\$4,020.00	\$40,199.00
<b>\$137,399.00</b>	<b>\$17,175.00</b>	<b>\$17,175.00</b>	<b>\$171,749.00</b>

# 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:

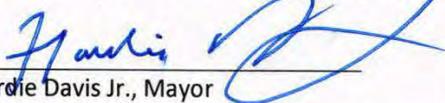
"Augusta Georgia in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d—42 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation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

## APPENDIX C

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

The LESSEE, for himself or herself, his or her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land, that in the event facilities are constructed, maintained, or otherwise operated on the said property described in this lease, for a purpose for which AUGUSTA GEORGIA program or activity is extended, or for another purpose involving the provision of similar services or benefits, the LESSEE shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964, as said Regulations may be amended. That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to terminate the lease, and to reenter and repossess said land and the facilities thereon, and hold the same as if said lease had never been made or issued.

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

The LESSEE, for himself or herself, his or her personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant, and agree as a covenant running with the land, that (1) no person, on the grounds of race, color, sex, or national origin, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land and furnishing of services thereon, no person on the grounds of race, color, sex, and national origin shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the LESSEE shall use the premises in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation— Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended. That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to terminate the [license, lease, permit, etc.] and to reenter and repossess said land and the facilities thereon, and hold the same as if said [license, lease, permit, etc.] had never been made or issued. \*[Include in deeds subject to a reverter clause]. That in the event of breach of any of the above nondiscrimination covenants, the STATE shall have the right to reenter said land and facilities there-on, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of the STATE and its assigns.

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



**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 \_\_\_\_\_

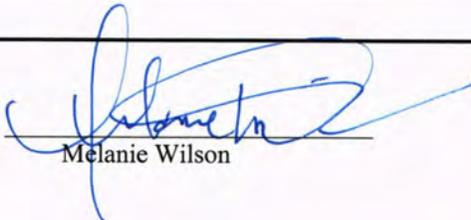


Identify any improvements you plan to implement before the next self-survey to better support Title VI communication to employees and program applicants.

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 CERTIFICATIONS

## 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 Metropolitan Transportation Plan (MTP), 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.

**MTP**

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

- The development of the MTP 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 21<sup>st</sup> Century Act (MAP-21) planning factors were considered in the planning process.
- The MTP 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 MTP in TMA's.
- The MPO approves the MTP in a timely manner without entering into a planning lapse.
- Amendments to the MTP/STIP/TIP follow the approved Amendment Process.
- The MPO approves MTP 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 MTP 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 MTP.
- 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 MTP/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 MTP 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 MTP.

**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 MTP with SIP development and the development of Transportation Control Measures (TCM) if applicable.
- The MTP 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 (MPA) that includes identification of the locations of protected populations.
  - As appropriate, the planning process identifies/considers/addresses the needs of protected/traditionally underserved populations (low-income/minority as defined by the U.S. Census Bureau).
- IV. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment of business opportunity**
- The MPO adheres to all requirements prohibiting discrimination against a person under, a project, program, or activity receiving financial assistance under because of race, color, creed, national origin, sex, or age.
- V. Section 1101(b) of MAP-21 (Pub. L. 112-141) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects**
- The GDOT establishes overall goals for the percentage of work to be performed by DBE's based on the projections of the number and types of federal-aid highway contracts to be awarded and the number and types of DBE's likely to be available to compete for the contracts.
- VI. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts**
- The MPO as required by Title VII of the Civil Rights Act of 1964, does not discriminate on employment opportunities based on race, color, religion, sex, or national origin;
- VII. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38**
- The MPO as required by 49 U.S.C. 5332 prohibits discrimination on the basis of race, color, creed, national origin, sex, or age, and prohibits discrimination in employment or business opportunity, otherwise known as Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. 2000d, and U.S. DOT regulations, "Nondiscrimination in Federally-Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act," 49 CFR part 21 at 21.7.
- VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance**

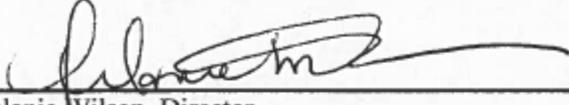
- The MPO has identified strategies and services to meet the needs of older persons' needs for transportation planning and programming.

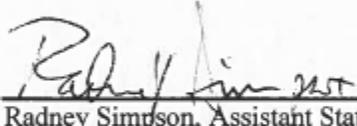
**IX. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender**

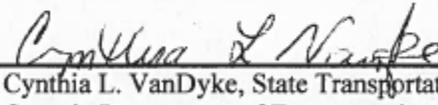
- The MPO adheres to the Act on Equality between women and men and prohibits both direct and indirect discrimination based on gender.
- The MPO adheres to the Equal Pay Act of 1963 (EPA), which protects men and women who perform substantially equal work in the same establishment from sex-based wage discrimination;

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

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

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

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

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

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