

MADISON ATHENS-CLARKE OCONEE REGIONAL TRANSPORTATION STUDY

UNIFIED PLANNING WORK PROGRAM FY - 2018

Final April 12, 2017

**Prepared by:
Athens-Clarke County Planning Department**

**In Cooperation with:
The Georgia Department of Transportation, Federal Highway
Administration, Federal Transit Administration, Madison County,
& Oconee County**

The opinions, findings, and conclusions in this publication are those of the author(s) and not necessarily those of the Department of Transportation, State of Georgia, the Federal Highway Administration, or Federal Transit Administration.

No person in the United States, shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination by the Madison Athens-Clarke Oconee Regional Transportation Study (MACORTS) membership, staff, or agents.

**RESOLUTION BY THE MADISON ATHENS-CLARKE OCONEE REGIONAL
TRANSPORTATION STUDY (MACORTS) POLICY COMMITTEE**

WHEREAS, the FY 2018 Unified Planning Work Program (UPWP) must be approved by the MACORTS Policy Committee and,

WHEREAS, the Technical Coordinating Committee has reviewed the technical merit of the elements of the FY 2018 UPWP and has recommended the approval of the final draft:

NOW THEREFORE, BE IT RESOLVED that the MACORTS Policy Committee approves the FY 2018 Unified Planning Work Program in its present form for submission to the Georgia Department of Transportation, the Federal Highway Administration, and the Federal Transit Administration.

FURTHER, BE IT RESOLVED that the MACORTS Policy Committee approves the proposed planning projects outlined in the 'Unfunded Section' of the FY 2018 UPWP should any of them be selected to receive funding. All member counties of MACORTS acknowledge and resolve to provide the necessary local match requirement for the completion of these projects, if funded by the Georgia Department of Transportation and the Federal Highway Administration.

CERTIFICATION

I hereby certify that the above is a true and correct copy of a Resolution adopted by the Madison Athens-Clarke Oconee Regional Transportation Study Policy Committee at their meeting held on April 12, 2017.

for 

Nancy Denson
MACORTS Policy Committee Chairperson

April 12, 2017



Brad Griffin
MACORTS Technical Coordinating Committee Chairperson

April 12, 2017

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INTRODUCTION

Explanation of Unified Planning Work Program (UPWP)

The FY 2018 Unified Planning Work Program (UPWP) for the Madison Athens-Clarke Oconee Regional Transportation Study (MACORTS) describes the transportation planning activities proposed to be conducted from July 1, 2017 through June 30, 2018. Work is performed in accordance with the Memorandum of Understanding dated June 12, 2013 between the Unified Government of Athens-Clarke County, the County of Oconee, the county of Madison, the county of Oglethorpe, the county of Jackson, the Northeast Georgia Regional Development Center, the Athens Transit System, and the Georgia Department of Transportation that details the roles and responsibilities of each agency.

The FY 2018 UPWP details the plans and programs developed in previous planning programs. Areas of the work program concentrate on developing the information, data, and procedures that are necessary to maintain a viable and effective transportation planning process. The program is organized into five major work elements. The five work elements categories are:

- I. PROGRAM ADMINISTRATION
- II. PUBLIC INVOLVEMENT
- III. DATA COLLECTION
- IV. SYSTEM PLANNING
- V. UNFUNDED PROPOSED WORK ELEMENTS

MPO Planning Process

The metropolitan planning organization was formed in March 1969 with the Memorandum of Understanding between the City of Athens, Clarke County, and the State Highway Department of Georgia (later renamed the Georgia Department of Transportation). The northern portion of Oconee County and the southern portion of Madison County including the cities of Hull and Colbert were later incorporated into the study area. Athens-Clarke County Planning Department is designated as the Metropolitan Planning Organization (MPO) for the Madison Athens-Clarke Oconee Regional Transportation Study Area (MACORTS). The MACORTS area presently includes all of Athens-Clarke County and portions of Madison, Oconee, Oglethorpe, and Jackson Counties. However, Oglethorpe and Jackson Counties decided not to be active participants in the MACORTS transportation planning process. A map of the MPO area is included in Appendix A.

The MPO is responsible for administering the comprehensive, cooperative, and continuous performance-based multimodal transportation planning process that takes into consideration resiliency needs as required by the United States Department of Transportation under the Moving Ahead for Progress in the 21st Century (MAP-21) and the subsequent Fixing America's Surface Transportation Act (FAST Act) enacted on December 4, 2015. The structured

transportation planning process is designed to be accomplished in a timely and coordinated manner as guided by the MACORTS Memorandum of Understanding dated June 12, 2013 (see Appendix B). This agreement spells out the responsibilities of all parties involved in transportation planning in the MACORTS study area, including locally elected officials, government administrator(s), public and private sector technical experts involved with transportation issues, and citizen advisors. The Athens-Clarke County Planning Department provides the staff support for the Metropolitan Planning Organization (MPO). Participation is coordinated through the various committees organized to provide input to the transportation planning process. The MACORTS bylaws are included in Appendix C for more information regarding the committee process.

Relationship between UPWP and LRTP

The UPWP will guide transportation planning activities to support the vision and goals of the MACORTS as expressed in the 2040 Long Range Transportation Plan (LRTP) as part of the transition to MAP-21 / FAST Act implementation and performance based planning. The overarching goal of MACORTS, as expressed in the LRTP, is to provide for and maintain a multimodal transportation system that serves the needs of all citizens and provides efficient, safe, and convenient mobility, encourages desirable land use and development, promotes economic development, and minimizes adverse social and environmental impacts. Goals outlined in the 2040 LRTP include:

- Provide a planning process that is both open to public input in the preparation of plans and programs and is consistent with the 8 planning factors required under MAP-21 / FAST Act
- Complement and enhance the land use recommendations as set forth in the Comprehensive Plans for Athens-Clarke County, Oconee County, Madison County, Oglethorpe County, and Jackson County (as applicable) and to preserve existing transportation facilities.
- Strive for a transportation system that is safe and secure for all modes of transportation
- Support increased and accessible transit service for the metropolitan area
- Provide a regional transportation system that maximizes the mobility of area residents
- Ensure that the transportation system operates at an acceptable level of service to accommodate the travel needs of residents and businesses
- Limit and/or mitigate adverse environmental impacts associated with traffic and transportation system development through facilities design and system management
- Provide opportunities for the safe and efficient use of pedestrian and bicycle facilities as an alternative to motorized travel and encourage appropriate transportation enhancement activities
- Ensure that the roadway system is designed and operates efficiently through the use of a roadway classification system

MAP-21 / FAST Act Planning Factors

All endeavors undertaken by MACORTS will address as many of the planning factors encouraged by MAP-21 and FAST Act as possible. Table V shows the work elements of the FY 18 UPWP and their relationship to the Planning Factors identified in FAST Act. The Planning Factors are as follows:

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 options available to people and for freight.
5. Protect and enhance the environment, promote energy conservation, improve 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 the resiliency and reliability of the transportation system and reduce or mitigate the stormwater impacts of surface transportation.
10. Enhance travel and tourism.

Planning Emphasis Areas

On April 23, 2014, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) jointly issued the FY 2015-2016 Planning Emphasis Areas (PEAs), which include transition to performance based planning and programming per MAP-21, cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning, and access to essential services in which the transportation planning process identifies transportation connectivity gaps and solutions to address those gaps. Planning Emphasis Areas (PEAs) were identified by the Federal Highway Administration to be specifically addressed in the work elements of the UPWP. The same PEAs remain in effect for FY 2018. They are explained more fully below.

- **MAP-21 Implementation**

MAP-21 implementation includes the transition to Performance Based Planning and Programming. A performance management approach to transportation planning and programming includes the development and use of transportation performance measures, target setting, performance reporting, and transportation investments that support the achievement of performance targets. It also includes the possible use of scenario planning by MPOs as part of the developing of metropolitan transportation plans.

- MACORTS will continue with a performance management approach. Performance measures will be developed and included during the Compliance Update of the LRTP that will be underway during FY 2018. MACORTS intends to seek out training opportunities during the transition to MAP-21/FAST Act implementation. MACORTS will continue to put an emphasis on collecting traffic volumes and crash data (state and local) for system monitoring in terms of safety and congestion. Work to transition to MAP-21/FAST Act is including in the following work elements:
- Element 1.2 - Operations and Administration of the Madison Athens-Clarke Oconee Regional Transportation Study: MPO Staff administer meetings of Policy Committee and Technical Committee to provide necessary administrative support for their efficient functioning including providing education regarding Performance Based Planning & Programming.
- Element 1.3 – Training/ Employee Education: Allows funding to be used for training transition to MAP-21 / FAST Act and performance based planning.
- Element 1.6 – UPWP: UPWP will guide transportation planning activities to support the transition to MAP-21 / FAST Act and performance based planning.
- Element 3.5 – System Monitoring: Collection of traffic counts and other data related to safety and congestion to support the transition to performance based planning
- Element 4.11 – Transportation Plan Maintenance/Update: Work with local entities and consultant to develop goals, objectives, performance measures, and targets for the update of the 2040 LRTP to be compliant under MAP-21 / FAST Act.
- Element 4.11.1 – Compliance Update of LRTP: Hire consultant to work with local entities to develop goals, objectives, performance measures, targets, and project prioritization for the update of the 2040 LRTP to be compliant under MAP-21 / FAST Act.
- Element 4.12 – TIP: Amend to bring into alignment with MAP-21 / FAST Act compliant LRTP.

- **Models of Regional Planning Cooperation**

Promote regional planning cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning. Cooperation could occur through the metropolitan planning agreements that identify how the planning process and planning products will be coordinated, through the development of joint planning products, and/or by other determined means.

- The update to the 2040 LRTP will take a coordinated approach to support the annual priorities that include safety and congestion management. MACORTS will collaborate with our transportation planning partners to collect data and inform the public of planning documents. MACORTS coordinates planning on a regional basis as part of its work program and as guided by the MACORTS Memorandum of Understanding dated June 12, 2013. Specific work is included in the following work elements:
- 1.1 - Program Coordination - Coordination of local government officials and state agencies to allow for cooperative regional planning of annual priorities which include safety and congestion management to develop all planning products.

→ 4.11 & 4.11.1 - Transportation Plan Maintenance/Update – Update to the 2040 LRTP will be underway by FY 2018 to ensure compliance under Map 21 / FAST Act. Staff will continue to work to increase coordination and education of local jurisdictions during the process.

- **Access to Essential Services**

As part of the transportation planning process, identify transportation connectivity gaps in access to essential services. Essential services include housing, employment, health care, schools/education, and recreation. This emphasis area could include identification of performance measures and analytical methods to measure the transportation system's connectivity to essential services and the use of this information to identify gaps in transportation system connectivity.

→ MACORTS is dedicated to improving the connectivity of the transportation network and to establishing a multi-modal system. The travel demand model will be used to identify and analyze the connectivity of the transportation network to essential services. Specific work is included in work elements 3.1/3.2, 3.4, 4.11, 4.11.1, and 4.5:

→ 3.1/3.2 - Maintain and Monitor Land Use and Socio-Economic Data - Staff will monitor and collect data to support activities to develop SE data including residential market, building permits, and demographic analysis using GIS. This will form the basis of the network to be analyzed for gaps in the transportation system.

→ 3.4 - Transportation Surveys, Models, and Analysis-Travel Demand Model – Staff will collect and compile data for GDOT to update Travel Demand Model. MPO will evaluate local GIS Data for analysis of access to essential services.

→ 4.11 & 4.11.1 - Transportation Plan Maintenance/Update – Update to the 2040 LRTP will include an analysis of access to essential services using the results of the travel demand model.

→ 4.5 - Bike/Pedestrian Facility Planning – In support of the 2040 LRTP Update, coordination with local governments to analyze gaps in bike/pedestrian network that would affect access to essential services.

MACORTS Priorities for FY 2018

MACORTS continues to strive to complete all work elements listed in the UPWP in an efficient and effective manner and transition to MAP-21 / Fast Act through coordination with the Georgia Department of Transportation and other transportation planning partners. The MPO will work to maximize federal metropolitan transportation planning funding while maintaining the ability to meet the federal and state requirements applicable to all MPO's in Georgia.

MACORTS staff worked with TCC members to develop planning priorities for FY 2018. The priorities were distilled from the 2040 Long Range Transportation Plan's goals with an emphasis on anticipated critical areas associated with the transition to MAP-21 / Fast Act. The TCC and Policy Committee approved the priorities as part of the draft FY 18 UPWP document. During FY 2018, specific focus will be afforded the following priorities from the 2040 LRTP:

- **Safety** – Since safety is a national goal, MACORTS felt it appropriate for this to remain the top priority for the MPO. MACORTS will help guide project development to minimize motor vehicle conflicts as well as bicycle and pedestrian safety issues. The MPO will continue to cooperate with local government and state agencies to collect data to enhance system monitoring for safety and reduce traffic fatalities. The MPO will utilize traffic and crash data collected, as available, to improve efficiency of the current transportation system and determine projects for improvements.
- **Congestion Management** – As one of the national goals and since MACORTS will still be in the process of finalizing the shift to performance based planning and programming, it is appropriate for this to remain a priority for MACORTS. MACORTS strives to continue improvement of traffic congestion by the efforts of the MPO. The projects in the 2040 LRTP help improve traffic flow at intersections and include recommended bike lanes to certain locations in the MACORTS region. MACORTS will continue to work with the Athens Transit System to identify existing and projected demand. MACORTS will continue to promote reduction of traffic congestion and increased use of alternative modes of transportation.

SECTION I – MACORTS PROGRAM ADMINISTRATION

1.1 PROGRAM COORDINATION

Purpose

This element provides resources to allow planning staff to examine projects and provide data, as resources permit, on projects and studies not otherwise identified in the UPWP. MACORTS staff will work with the Georgia Department of Transportation (GDOT) and the Georgia Association of Metropolitan Planning Organizations (GAMPO) to ensure regional planning cooperation. MACORTS will evaluate program coordination in all of our annual priorities which include: safety and congestion management.

Previous Work

During the last fiscal year, local planning staff was requested to provide a broad array of services. Services include, but are not limited to, the prompt response to requests for information such as traffic counts and upcoming planning activities. The performance of services and special studies is an ongoing MACORTS activity.

Project Description

Perform requested services related to the MACORTS program, as resources allow. These services include, but are not limited to, fulfilling citizen or government official/staff requests for information or various data. Funds may be used from this element to employ an intern to assist with data synthesis when necessary. Also, staff will inform and educate the public through the news media concerning the MACORTS planning process and its products. This element also allows for participating in and providing information for planning activities in and beyond the MACORTS region conducted by others to foster regional planning coordination.

Activities

1. Coordinate work among local government officials fostering regional planning cooperation in all MPO work.
2. Work with members of the Technical Coordinating Committee and Policy Committee focusing on the need for stronger regional cooperation and communication to support performance based planning and programming.
3. Monitor and prioritize work program progress with internal MPO staff.
4. Provide requested data to officials, public, and others.
5. MPO staff will participate in regional planning activities performed by other agencies, as available.

Resulting Products

- Well-coordinated planning efforts between MPO staff and MPO membership.
- MPO staff contributing to regional boards / committees both within and outside of the MPO region when available.

Responsible Agency

Athens-Clarke County (ACC) Planning Dept.

Target Start and End Dates / Lead Agency

Work on this element from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$8,000.00	\$0.00
Georgia DOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$350.00	\$0.00
Athens-Clarke County Match (13%)	\$1,300.00	\$0.00
Oconee County Match (3.5%)	\$350.00	\$0.00
Total	\$10,000.00	\$0.00

1.2 OPERATIONS AND ADMINISTRATION OF THE MADISON ATHENS-CLARKE OCONEE REGIONAL TRANSPORTATION STUDY (MACORTS)

Purpose

The Madison Athens-Clarke Oconee Regional Transportation Study (MACORTS) administers the ongoing transportation planning process for the study area that includes the southern portion of Madison County, all of Athens-Clarke County, the northern portion of Oconee County, and tiny portions of Oglethorpe and Jackson Counties. MACORTS was created to comply with federal requirements that a continuous, cooperative, and comprehensive performance-based multimodal transportation planning process takes into consideration resiliency needs would be the basis for the continued expenditure of federal funds for transportation in urbanized areas with a population of over 50,000 persons. Participation is coordinated through the various committees organized to provide input to the transportation planning process. These committees include:

Policy Committee – the ultimate decision-making body of MACORTS, whose responsibilities include setting priorities among projects;

Technical Coordinating Committee (TCC) – provides technical input and guidance to the transportation planning process; and

Various citizen advisory committees – provide broad-based citizen input into the process of transportation planning.

Previous Work

This is a continuing major element of the MACORTS annual work program. Specific administrative accomplishments include, but are not limited to, grant reporting, meeting minutes, committee materials, and agenda preparation. Administrative tasks required as part of the day-to-day operations of MACORTS are included within the element.

Project Description

Included in this task are the resources to allow appropriate Athens-Clarke County Planning Department staff members to attend meetings of the relevant planning committees and to provide the necessary administrative support to help ensure their efficient functioning. Time and funds are included in this element to insure that activities associated with the planning process are carried out in an efficient and cost-effective manner.

The transition to performance based planning and programming, include greater alignment with the federal Planning Emphasis Areas and Planning factors will continue in FY 2018. The MPO annual priorities of safety and congestion management are focus areas for the FY18.

Activities

1. Serve as administrative staff for the Technical Coordinating Committee meetings.
2. Serve as administrative staff for the Policy Committee meeting.
3. Coordinate information to public through media.
4. Prepare minutes, agendas and committee materials.
5. Manage and process grants (5303 & PL)
6. Serve as MPO staff liaison between the federal, state, local transportation planning partners.

Resulting Products

Specific products from this work element include, but are not limited to:

- Policy Committee minutes
- Technical Coordinating Committee minutes
- Minutes for other committees, as resources permit
- Handouts and mail-outs
- PL quarterly reports and reimbursement requests
- Correspondence as required
- Annual Performance Report, as required
- Support for special committees, as resources permit

Responsible Agency

Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

Work on this element from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$76,528.49	\$0.00
Sect. 5303 FTA Transit Planning (80%)	\$0.00	\$0.00
Sect. 5303 GDOT Transit Planning Match (10%)	\$0.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County PL Match (3.5%)	\$3,348.12	\$0.00
Athens-Clarke County PL Match (13%)	\$12,435.88	\$0.00
Oconee County PL Match (3.5%)	\$3,348.12	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$0.00	\$0.00
Total	\$95,660.61	\$0.00

1.3 TRAINING / EMPLOYEE EDUCATION

FTA ALI: 44.24.00 Short Range Transportation Planning

Purpose

This element allows staff to attend relevant classes/conferences. This allows staff to remain current on the latest transportation planning theory and gain skills that will benefit the MPO. Registration and other course expenses are acceptable expenses covered by this element. Prior approval from Georgia Department of Transportation is required for classes/events not included in the Project Description below.

Previous Work

Continuing staff education is an ongoing MACORTS planning activity. During FY 16, the following classes/conferences were attended by MPO personnel:

- Georgia Association of Metropolitan Planning Organizations Annual Meeting in Valdosta, Georgia on October 29-30, 2015
- Georgia Transit Association Annual Conference in Jekyll Island, Georgia on December 15-18, 2015
- FHWA-sponsored Performance Based Planning & Programming Workshop on Feb. 11, 2016 in Atlanta

During the first half of FY 17, the following classes / conferences were attended by MPO personnel:

- TRB Tools of the Trade Conference in Charleston, SC on September 12-14, 2016
- Association of Metropolitan Planning Organizations in Albany, Georgia on Oct. 13-14, 2016
- Georgia Transit Association Annual Meeting in Athens, Georgia on Dec. 7-9, 2016

Project Description

MPO staff shall submit a written request for any class/conference/event not included in the list below (e-mail is acceptable) to GDOT describing any class/conference they wish to attend and provide an estimate of anticipated associated expenditures. GDOT will then review the request and respond in writing.

MACORTS Staff typically attend the following events each year. Approval of the final version of this document includes the approval of attendance of these events by GDOT. Staff could attend the following events: Georgia Association of Metropolitan Planning Organizations (GAMPO) Summer meeting and Annual Conference, Georgia Transit Association Annual Conference, Association of Metropolitan Planning Organizations conference, New Partners for Smart Growth conference, Tools of the Trade conference, National Highway Institute classes, National Transit Institute classes, Georgia Planning Association conference, American Planning Association conference, and GDOT and/or FHWA sponsored classes/seminars.

Activities

1. Attend seminars, conference, and meetings to coordinate transition to MAP-21 / FAST Act implementation.
2. Attend other training / conferences as they are available.

Resulting Products

Successful Training for MPO staff

Responsible Agency

Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

Work on this element will from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Department

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$8,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$2,000.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$250.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County PL Match (3.5%)	\$350.00	\$0.00
Athens-Clarke County PL Match (13%)	\$1,300.00	\$0.00
Oconee County PL Match (3.5%)	\$350.00	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$250.00	\$0.00
Total	\$12,250.00	\$250.00

1.4 EQUIPMENT AND SUPPLIES

FTA ALI: 44.24.00 Short Range Transportation Planning

Purpose

This element allows staff to purchase and maintain needed equipment. The use of computer equipment in many tasks reduces direct labor hours when compared to certain labor-intensive methods. The MPO may purchase software and peripherals under this element as well as hardware / software maintenance and software upgrades, as needed. This element will also include computer subscription services including those required for the MACORTS website, digital data needs, and miscellaneous office supply expenses.

Minor expenditures for the maintenance of traffic counters purchased previously by MACORTS will be included in this element. Maintenance and repair of this equipment will allow for continued availability of traffic count information within the MPO area.

Previous Work

Historically, MACORTS has purchased 2 traffic counters and accessories for each of the counties within the MACORTS area. No additional traffic counters were purchased during FY 17.

During FY 16, the following items were purchased, along with miscellaneous supplies: the annual maintenance for the ArcEditor software license was renewed, replacement office equipment, replacement PC for the MPO Director, and 6 traffic counters and accessories (2 each for Oconee County, Madison County, and Athens-Clarke County). During the first half of FY 2017, funds were expended on the annual maintenance for ArcEditor software license and miscellaneous supplies.

Project Description

If adequate funds are available during the 4th quarter, the purchase of traffic counting equipment may be considered.

Upon deciding that a new item is needed, and it is of significant cost, planning staff shall submit a written request to GDOT describing the desired equipment and explaining why it is needed. GDOT will then review the request and respond in writing. For purchases that have a unit cost of over \$5,000, FHWA will also have to approve the purchase.

Activities

1. Purchase Annual Maintenance for ArcEditor.
2. Repair of equipment, as necessary.
3. Replacement of equipment, as necessary.
4. Purchase supplies to carry out MPO activities.
5. Keep website licensing, hosting, etc up-to-date.

Resulting Products

Purchases including, but not limited to the following:
Annual Maintenance for ArcEditor
Website licensing, hosting, etc
Replacement &/or Repair of Equipment
Miscellaneous Supplies

Responsible Agency

Athens-Clarke County (ACC) Planning Department in coordination with GDOT and the Athens-Clarke County Information Technology (for the purchase of computer equipment for MPO use)

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$8,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$2,000.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$250.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$350.00	\$0.00
Athens-Clarke County Match (13%)	\$1,300.00	\$0.00
Oconee County Match (3.5%)	\$350.00	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$250.00	\$0.00
Total	\$12,250.00	\$250.00

1.6 UNIFIED PLANNING WORK PROGRAM (UPWP)

FTA ALI: 44.21.00 Program Support / Administration

Purpose

The Unified Planning Work Program (UPWP) is the compilation of MACORTS planning efforts scheduled by local planning staff for each fiscal year. The preparation of the UPWP is required in order for the MPO to receive planning funds.

The transit portion of the proposed Unified Planning Work Program (UPWP) reflects priorities and special concerns regarding the planning of mass transportation services. The UPWP must be prepared in coordination with the Athens Transit System Director.

Previous Work

The preparation of the UPWP is an ongoing MACORTS planning activity. The FY 17 UPWP was developed and adopted through the MACORTS process.

Project Description

The UPWP document includes short descriptions of task elements, work products, responsible participants, and an identification of funding sources. The proposed UPWP undergoes review by the relevant federal and state agencies as well as committees that comprise the 3-C transportation planning process, resulting in its adoption by the MACORTS Policy Committee. The product is a contract between Athens-Clarke County and GDOT for the accomplishment of those transportation work elements included in the adopted UPWP for FY 2018.

The transition to performance based planning and programming should be in progress during FY 18. Planning with an emphasis on the Federal Planning Emphasis Areas and Planning Factors will continue in this and/or future UPWPs. The MPO FY 18 priorities of safety and congestion management are focus areas for the FY18 UPWP. The UPWP will guide transportation planning activities to complete the transition to MAP-21 / FAST Act implementation and performance based planning. Amendments to the UPWP are reviewed by the relevant federal and state agencies and MACORTS Technical Coordinating Committee (TCC) and approved by the MACORTS Policy Committee (PC).

Activities

1. Review transportation planning issues in the MACORTS.
2. Review changes in planning requirements following changes in federal law. For FY 18, this includes the continuing transition to MAP-21 / FAST Act regulations.
3. Prepare work element descriptions which address issues and goals of the planning process.
4. Prepare cost estimates for each work element to comprise the ACC-GDOT Contract.
5. Submit new UPWP for review and adoption by MACORTS Policy Committee.

Resulting Products

FY 2019 Unified Planning Work Program

Responsible Agency

Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

The Draft FY 19 UPWP is due to GDOT by December 2017. The Final FY 19 UPWP is due to GDOT by March of 2017. Work on this element will be from September 2017 - May 2018. Lead Agency: ACC Planning Department

Cost Estimates/Funding Source

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$4,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$1,200.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$150.00
GDOT PL Match (10%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$175.00	\$0.00
Athens-Clarke County Match (13%)	\$650.00	\$0.00
Oconee County Match (3.5%)	\$175.00	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$150.00	\$0.00
Total	\$6,350.00	\$150.00

SECTION II – PUBLIC INVOLVEMENT

2.1 COMMUNITY OUTREACH / EDUCATION

FTA ALI: 44.21.00 Program Support / Administration

Purpose

This element allows staff the resources to provide information to the public regarding the Transportation Planning Process as outlined in the MACORTS Participation Plan. Funds will be used in the preparation of literature and presentations for public organizations as well as providing an outlet to get general public comment and / or educate the public concerning transportation issues and the transportation planning process.

Previous Work

This is an on-going Madison Athens-Clarke Oconee Regional Transportation Study activity. During the first half of FY 2017, public involvement periods were held to modify projects in the TIP and LRTP, and update of the MACORTS Participation Plan. A public comment opportunity is included on the agenda of all Technical Coordinating Committee meetings.

Project Description

In response to the planning regulations under the FAST Act, public involvement and outreach will be broadened. The MACORTS website is used to keep the public informed of upcoming events. Publications will be available to the public both in print and online (when practical). MPO representatives will be involved in as many community events as staff resources permit. Other possible venues for reaching the public would include ads in the legal organs of each of the MACORTS counties, a Spanish language news publication (if available), and notices placed on Athens Transit System website or other county government venues or websites. The public may sign up for the MACORTS Public Mailing List via the MACORTS website to receive e-mail notification of upcoming MPO events/work efforts. Funds from this element will be used to continually update the MACORTS website.

Activities

1. Provide requested data to officials, public, and others.
2. Public meetings for the update of the Transportation Improvement Program, LRTP, Public Involvement Plan, and/or any other work that requires public outreach in easily accessible locations in the region at various times.
3. Provide education to officials, public, and others regarding the continuing transition to performance based planning to encourage regional coordination and communication.
4. Public education via the MACORTS website.
5. Advertisements in English & Spanish publications and government venues/websites.
6. Continue to keep the MACORTS website up-to-date to provide current information to the public.
7. Record & respond to public comment. Provide public comment to committee members for their consideration before actions are taken.

Resulting Products

A well-informed public whose concerns are presented to the MACORTS committees for their consideration as part of the transportation planning process.

Responsible Agency

Athens-Clarke County (ACC) Planning Department in coordination with GDOT

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$6,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$1,500.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$187.50
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$262.50	\$0.00
Athens-Clarke County Match (13%)	\$975.00	\$0.00
Oconee County Match (3.5%)	\$262.50	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$187.50	\$0.00
Total	\$9,187.50	\$187.50

2.2 ENVIRONMENTAL JUSTICE / TITLE VI

FTA ALI: 44.21.00 Program Support / Administration

Purpose

This element is included to allow staff to explicitly address Environmental Justice and/or Title VI issues, as necessary. It will allow staff the resources to insure that groups that have been traditionally underserved by the transportation community can be identified and included in the decision-making processes of MACORTS.

Previous Work

This is an on-going MACORTS activity. The *MACORTS/Athens Transit System Limited English Proficiency Plan (LEP Plan)* was updated during FY 2014. A basic Title VI analysis for the region was added to the MACORTS 2040 LRTP Plan during the most recent update. The *MACORTS Title VI Plan* was prepared, approved, and submitted to GDOT in February 2015.

Project Description

The MACORTS website will be used to keep the public informed of upcoming events. Publications will be available to the public in print and online (when practical). MPO representatives will be involved in as many community events as possible. In cases where a specific group will be affected disproportionately by a transportation endeavor, every effort will be made to take information to and receive input from that group. Update and implementation, as needed, of the *MACORTS/ATS LEP Plan* and *MACORTS Title VI Plan* is included.

Activities

1. Title VI plan as necessary
2. Limited English Proficiency Plan (LEP) updates, as needed.
3. Update to website to inform public of upcoming events
4. Attendance of community events, as possible
5. Advertisement in Spanish language publications for public involvement activities
6. In association with the update of the LRTP, the consultant will perform Environmental Justice / Title VI Analysis to inform the public involvement process.

Resulting Products

1. Up-to-date Title VI plan
2. Up-to-date Limited English Proficiency Plan (LEP) as needed.
3. Up-to-date MACORTS website to inform public of upcoming events

Responsible Agency

Athens-Clarke County (ACC) Planning Department in coordination with GDOT

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$6,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$1,500.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$187.50
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$262.50	\$0.00
Athens-Clarke County Match (13%)	\$975.00	\$0.00
Oconee County Match (3.5%)	\$262.50	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$187.50	\$0.00
Total	\$9,187.50	\$187.50

2.3 PARTICIPATION PLAN

Purpose

This element allows staff resources to develop and maintain a Participation Plan. This plan was adopted by MACORTS Policy Committee and is used in all instances that necessitate public input. MACORTS staff will coordinate with GDOT and FHWA when changes to the Plan are necessary.

Previous Work

This is an on-going element in the MACORTS Unified Planning Work Program. The Participation Plan was updated to include references to the FAST Act in FY 16.

Project Description

The Participation Plan will have to be updated to include the applicable parties identified in the Final Planning Regulations on June 27, 2016 including agencies involved in providing intercity bus transportation, state and local planned growth, economic development, tourism, natural disaster risk reduction, environmental protection, airport operations, freight movement, providing private transportation, bicycle/pedestrian advocacy, and the disabled population. Future amendments to the plan will be reviewed by MACORTS TCC, PC, GDOT, FHWA, FTA, and the public, as applicable.

Activities

1. Preparation of the Participation Plan, as needed
2. Necessary amendments to Participation Plan

Resulting Products

Up-to-date Participation Plan

Responsible Agency

Athens-Clarke County (ACC) Planning Department in coordination with GDOT, FTA, & FHWA

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimates/Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$1,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$0.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$43.75	\$0.00
Athens-Clarke County Match (13%)	\$162.50	\$0.00
Oconee County Match (3.5%)	\$43.75	\$0.00
Local Sect. 5303 Transit Planning Match (10%)	\$0.00	\$0.00
Total	\$1,250.00	\$0.00

SECTION III – DATA COLLECTION

3.1/3.2 MAINTAIN AND MONITOR LAND USE AND SOCIO-ECONOMIC DATA

Purpose

This element provides resources to maintain current data and to forecast socio-economic data for use in developing and maintaining MACORTS transportation models. This work element also includes activities to identify the location and make up of Environmental Justice (EJ) communities in the MACORTS area. One of the primary inputs into the planning process is the projection of future demand for transportation service. The maintenance of socioeconomic data is critical to the modeling process. Keeping GIS layers up-to-date in regards to land use is an important component of this task providing the ability to identify potential gaps in the transportation system in regard to access to essential services.

Previous Work

The maintenance of land use and socio-economic data is an ongoing MACORTS activity. When between updates of the Long Range Transportation Plan, this is accomplished through the updating of Traffic Analysis Zone (TAZ) estimates and land use data for the MACORTS study area.

Project Description

The database file includes updating of the current and year 2040 variables at the traffic analysis zone level. Preliminary work to gather the necessary data to update the travel demand model to 2045 may be necessary during FY 18. These variables include:

Population	Retail Employment	Households
Wholesale Employment	Service Employment	School Enrollment
Median Income	Manufacturing Employment	Acreage
Total Employment		

Maintenance of these files enables the MPO to monitor and update the Long Range Transportation Plan in a timely, cost-effective manner. The data derived from these files can facilitate analyses for a multitude of transportation and transit-related issues including gap analysis for access to essential services, safety, and traffic congestion. Additional support MPO activities involving the U.S. Census Bureau as it gathers information is also essential and will be funded by this element. The socio-economic database will be used as input into the transportation management information systems including the GIS and modeling efforts. Data generated is also used in EJ / Title VI analysis as necessary.

Activities

1. Coordinate with counties to collect building permit data and monitor current land use to assist in generating the following: population, wholesale employment, median income, total employment, retail employment, service employment, manufacturing employment, households, school enrollment, and acreage.
2. Use Census Bureau data to update median income and population.
3. Coordinate with local school districts for school enrollment data.
4. Graphical representation and identification of EJ communities on a system-wide level in the MACORTS area for the update of the TIP.
5. GIS based system level analysis of access to essential services and EJ in support of updates to the LRTP and generation of TAZ acreage
6. Model inputs of land use and socio-economic data will be used to generate model outputs to aid in the analysis of safety and congestion in the MACORTS region.
7. Evaluate available local housing studies for demographic analyses to aid in development of LRTP.

Resulting Products

Up-to-date socioeconomic data - base year (2015) and future year (2045) as input into the travel demand model maintained by GDOT

Responsible Agency

Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Work on this element may be necessary during FY 18 in conjunction with any necessary updates and/or amendments to the Long Range Transportation Plan. Lead Agency: ACC Planning Department.

Cost Estimates/Funding Source

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$ 4,000.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$175.00	\$0.00
Athens-Clarke County Match (13%)	\$650.00	\$0.00
Oconee County Match (3.5%)	\$175.00	\$0.00
Total	\$ 5,000.00	\$0.00

3.4 TRANSPORTATION SURVEYS, MODELS, AND ANALYSIS – TRAVEL DEMAND MODEL REFINEMENTS (TP+)

Purpose

One of the primary inputs into the planning process is the projection of future traffic volumes. This information is critical for making policy decisions and evaluating proposed transportation projects. This element will provide the resources for planning staff to update the modeling network as needed and to request special modeling. Staff will support GDOT in the review of network changes as necessary (examples include, but are not limited to, road network data, functional classification review, and evaluation of projects to be included in the travel demand model) and provide information to support modeling efforts including those that help identify gaps in the transportation system in regards to connectivity to essential services.

Previous Work

The maintenance of a modeling network (TP+) and performing modeling requests is an ongoing MACORTS planning activity. TP+ is maintained through updating of the model network and traffic counts. For the update of the LRTP to 2040 in FY 13 / 14, the road network and its attributes were verified by MACORTS. TAZ's were updated for the MACORTS area, and socio-economic data was provided for input into the model. Updated networks were approved by MACORTS.

Project Description

Updating the travel demand model (by GDOT and ACC Planning Department) could be required associated with any change in the air quality designation of all or a portion of the MACORTS area. The model update for the 2045 LRTP should be underway during FY18.

Staff will forward modeling requests to GDOT and interpret results as needed. Maintenance of the travel demand model will be a joint effort between the MACORTS and GDOT staffs.

Activities

1. Staff will collect and compile data as necessary for GDOT to update the travel demand model, including, but not limited to road network data, functional classification review, and evaluation of projects to be shown in the model.
2. Coordinate with local GIS for additional data
3. Use model outputs with local GIS data and other data sources to aid in system level analysis of access to essential services, safety, congestion, and other performance measures in the MACORTS area in support of the update of the 2040 LRTP to 2045.

Resulting Products

Modeling analysis and updated model network

Responsible Agency

ACC Planning Department, GDOT

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: GDOT.

Cost Estimates/Proposed Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$2,000.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$87.50	\$0.00
Athens-Clarke County Match (13%)	\$325.00	\$0.00
Oconee County Match (3.5%)	\$87.50	\$0.00
Total	\$2,500.00	\$0.00

3.5 SYSTEM MONITORING

Purpose

Monitoring system performance is an important part of performance based planning. This element includes gathering necessary data on system performance including, but not limited to, safety and congestion. It will continue to provide funds to gather traffic data within the MACORTS area to supplement Georgia DOT's annual count effort. The program will include regularly scheduled counts during the fall of 2017 and spring of 2018, with counts performed in Athens-Clarke County as well as Madison and Oconee Counties. From this and GDOT data, the MACORTS Traffic Volume Maps will be produced for the 2017 calendar year. The Traffic Volume Maps will be developed and published for distribution to the public. They will also be posted on the MACORTS website.

Previous Work

The MACORTS Traffic Volume Maps are an ongoing MACORTS planning activity. Traffic Volume Maps were printed for public use and posted on the MACORTS website. Maps were published as soon as GDOT and local counts were available.

Project Description

Resources will be included in this item to allow staff to produce and distribute the MACORTS Traffic Volume Maps. Resources will be used to collect safety and congestion data and any other required data from outside sources as part of the requirements associated with MAP-21 / FAST Act. This task will include preparation and printing costs.

Activities

1. Develop appropriate data sources that will support goals, performance measures and targets developed for the LRTP that include but are not limited to safety and congestion.
2. Collection of traffic count volumes for the MACORTS area (Athens-Clarke County, Oconee County, and Madison County) by the state and local government for incorporation in the LRTP and TIP.

Resulting Products

1. FY 2018 MACORTS Traffic Volume Maps (2017 data) – hardcopy and web-copy
2. As part of the update of the LRTP, the consultant will identify available data sources and compile data to support the performance goals, objectives, measures, and targets.

Responsible Agencies

Athens-Clarke County (ACC) Planning Department, ACC Traffic Engineering, Oconee County Public Works, Madison County Engineer

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Work on the traffic count maps will take place during the last months of the fiscal year. Due to the need for traffic data to be supplied by GDOT, ACC, Oconee County, and Madison County, the schedule will vary from year to year. Lead Agency: ACC Planning Department.

Cost Estimates/Funding Source

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$4,000.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$175.00	\$0.00
Athens-Clarke County Match (13%)	\$650.00	\$0.00
Oconee County Match (3.5%)	\$175.00	\$0.00
Total	\$5,000.00	\$0.00

SECTION IV – SYSTEM PLANNING

4.11 TRANSPORTATION PLAN MAINTENANCE/UPDATE

FTA ALI: 44.23.01 Long Range Transportation Planning (System)

Purpose

The 2040 Long Range Transportation Plan (LRTP) is the long term planning tool that provides an overview of the transportation system challenges envisioned by MACORTS. The plan is developed to provide a transportation system that will be able to manage current and future congestion, identify and mitigate gaps in access to essential services, and foster regional planning cooperation. The purpose of this element will be to maintain the Transportation Plan as necessary, including amendments. The next update is due on October 8, 2019.

Previous Work

The maintenance of the MACORTS Transportation Plan is an ongoing planning activity. The update of the LRTP to 2040 was approved on October 8, 2014.

Project Description

Amendments will be handled as necessary using the procedures outlined by the Georgia Department of Transportation and the MACORTS Participation Plan. An addendum to the LRTP is processed annually, with the update of the Transportation Improvement Program (TIP), to keep the LRTP and TIP documents consistent. It may be necessary to amend both the LRTP and TIP concurrently, depending on the scope of any proposed amendments.

An update to the 2040 LRTP will be underway during FY 17 / FY 18 to bring it fully in compliance with the FAST Act. Coordination with resource agencies to ensure compliance under MAP-21 / FAST Act will be necessary. The update of the transit section of the LRTP is included in this element. Funding to enable staff to engage consultant assistance in completing a full Compliance Update of the MACORTS LRTP is included in Element 4.11.1. This project was nominated and received funding in FY 17. Funds from this element will be used to administer the consultant contract. Safety target setting and the annual system performance report will be included in this element.

Since a full update of the LRTP to 2045 will be due in October of 2019, work will begin during FY 2018 to bring the modeling and planning horizon and project prioritization into 2045.

Activities

1. Review and update the 2040 LRTP in response to changing transportation needs and priorities while fostering regional planning cooperation.
2. Process amendment with update of TIP to keep documents consistent.
3. Include system level analysis of access to essential services in development of the updated 2040 LRTP.

Resulting Products

Up-to-date Long Range Transportation Plan

Responsible Agency

Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimate/Proposed Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$46,275.48	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$5,000.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$625.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$2,024.55	\$0.00
Athens-Clarke County Match (13%)	\$7,519.77	\$0.00
Oconee County Match (3.5%)	\$2,024.55	\$0.00
Local Sect. 5303 Transit Planning Match (3.5%)	\$625.00	\$0.00
Total	\$63,469.35	\$625.00

4.11.1 COMPLIANCE UPDATE OF MACORTS TRANSPORTATION PLAN

FTA ALI: 44.23.01 Long Range Transportation Planning (System)

Purpose

With the publication of the final federal rules (June 27, 2016 effective date) concerning the metropolitan transportation planning regulations including the contents of the Long Range Transportation Plan (LRTP), the state transportation agencies have 12 months to bring their planning products into compliance with the regulations. MPO's will have until December 24, 2017 to bring the planning products into compliance. This proposed work element would provide consultant labor to enable MACORTS to update the LRTP to bring it into compliance with the final federal regulations related to MAP-21 / FAST Act in a timely and efficient manner.

Previous Work

The update of the LRTP to 2040 was approved on October 8, 2014.

Project Description

The LRTP will have to be revised extensively to be compliant with the final federal rule including establishing goals, performance measures, and targets and prioritizing projects. This project was nominated for funding by the PL Funds Review Committee on March 31, 2016. A consultant qualified in transit and transportation planning will be retained during FY 17/18 through Athens-Clarke County using the established RFP process meeting all federal and state procurement requirements. Coordination with resource agencies to ensure compliance under MAP-21 / FAST Act will be necessary.

The update of all sections of the LRTP will be included. The scope of this project would include data identification and collection, performance measure development, performance target development, project prioritization, and project evaluation along with all associated public involvement activities. A 'Performance Goal, Objective, and Measure Matrix' in the format required by the Federal Highway Administration will be developed and included in the MACORTS 2045 Long Range Transportation Plan.

An addendum to the LRTP is processed annually, with the update of the Transportation Improvement Program (TIP), to keep the LRTP and TIP documents consistent. It may be necessary to amend both the LRTP and TIP concurrently, depending on the scope of any proposed amendments.

Activities

Continue to work with consultant to complete the update of the 2040 LRTP to 2045 including but not limited to:

- Develop base year (2015) and future year (2045) socioeconomic data as input into the travel demand model maintained by GDOT
- Coordinate with MACORTS LRTP Subcommittee, GDOT, FHWA, FTA and the public to develop a federally compliant performance-based 2045 LRTP that will provide for and maintain a multimodal transportation system that serves the needs of all citizens and provides efficient, safe, and convenient mobility, encourages

desirable land use, promotes economic development, and minimizes adverse social and environmental impacts.

- Consultant will prepare a proposed timeline of tasks required to develop the LRTP and all associated components for review and approval by GDOT and MACORTS staff to ensure that the schedule is coordinated with GDOT's model update schedule
- Work with MACORTS to refine and develop comprehensive goals and objectives as part of the LRTP
- Work with MACORTS to identify and develop targets in support of the state's performance measures or independent performance measures (as chosen by the MACORTS Policy Committee) and incorporate into LRTP
- Identify available data sources and compile data to support the performance measures / targets. Availability of data and cost of continued compilation of data will be important considerations when developing performance measures and targets.
- Update Financial Plan Component of LRTP including project costs and reasonable expected revenue sources for the period of the LRTP
- Develop and implement project prioritization process for the LRTP development process
- Perform Environmental Justice / Title VI Analysis to inform the public involvement process
- Required public involvement including outreach efforts to reach the traditionally underserved such as minority and low-income populations. All public involvement will be documented for MPO records and future compliance review purposes.
- Work with MACORTS LRTP Steering Committee throughout the development process
- Provide updates to MACORTS Technical Coordinating Committee and Policy Committee throughout the process
- Include Unfunded Section / Aspirations Plan as supplement to LRTP
- Document the update process for staff records and federal review purposes

Resulting Products

MAP-21 / FAST Act compliant MACORTS Long Range Transportation Plan including a 'Performance Goal, Objective, and Measure Matrix' in the format required by the Federal Highway Administration

Responsible Agency

Athens-Clarke County (ACC) Planning Department, Consultant

Target Start and End Dates / Lead Agency

Work on this element is expected to be conducted during all of FY 2018: July 1, 2017 – June 30, 2018. Lead Agency: ACC Planning Dept.

Cost Estimate/Proposed Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$280,000.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$12,250.00	\$0.00
Athens-Clarke County Match (13%)	\$45,500.00	\$0.00
Oconee County Match (3.5%)	\$12,250.00	\$0.00
Total	\$350,000.00	\$0.00

4.12 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

FTA ALI: 44.25.00 Transportation Improvement Program

Purpose

Planned transportation improvements are contained in the LRTP. As they receive funding, they are moved into the TIP. This document identifies transportation improvements planned for the next four years (as funding permits). The TIP lists these projects and identifies the fiscal year during which preliminary engineering, right-of-way acquisition, and construction are scheduled. This schedule includes the estimated cost and identifies the funding sources for each project. It is federally mandated that the TIP be financially balanced for the funding period.

Federal regulations require that the TIP also include proposed public transportation activities such as capital improvements and requests for operating assistance in order to secure federal assistance in financing public mass transportation.

Previous Work

The preparation of the Transportation Improvement Program is an ongoing MACORTS planning activity. The FY 2015 – 2018 Transportation Improvement Program was approved by the Policy Committee on September 10, 2014. Amendments and administrative modifications were completed to keep that document up-to-date.

Project Description

The development of the TIP includes soliciting input from individuals and groups at the local and state level to help in the process of setting priorities among projects. Resources are included to prepare and print the document. The TIP will be modified or amended, as necessary. An addendum to the LRTP is processed annually, with the update of the Transportation Improvement Program (TIP), to keep the LRTP and TIP documents consistent. It may be necessary to amend both the LRTP and TIP concurrently, depending on the scope of any proposed amendments.

Amendments will be necessary to ensure compliance with MAP-21 / FAST Act by incorporating a description of the anticipated effect of investment priorities toward achieving performance targets identified in the LRTP. The deadline to have the TIP document compliant is May 27, 2018.

Included in the document is an identification of the source and amount of local, state, and federal funds required to finance proposed transit capital improvements and operations. This element will fund planning staff activity in preparing the transit portion of the TIP for FY 2017-2020. Copies of the TIP will be provided to interested public parties and posted on the MACORTS website.

Activities

Develop an updated TIP for the MACORTS area that is compliant with MAP-21 / FAST Act.

Resulting Products

FY 2017 - 2020 Transportation Improvement Program

Responsible Agency

The Athens-Clarke County (ACC) Planning Department

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Work on the Draft TIP document is expected to begin in February of 2018 and be completed by GDOT's deadline of April 15, 2018. The Final document will be completed before GDOT's deadline of June 15, 2017 if figures are available. Deadlines may be changed by GDOT at any time. The timing of the completion of this document is contingent upon the timeframe that GDOT provides updated programming dates and cost estimates to the MPO staff. Lead Agency: ACC Planning Department.

Cost Estimates/Funding Source

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$5,000.00	\$0.00
FTA Sect. 5303 Transit Planning (80%)	\$5,000.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$625.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$218.75	\$0.00
Athens-Clarke County Match (13%)	\$812.5	\$0.00
Oconee County Match (3.5%)	\$218.75	\$0.00
Local Transit Planning Match (10%)	\$625.00	\$0.00
Total	\$11,875.00	\$625.00

4.2 TRANSIT / PARATRANSIT PLANNING

FTA ALI: 44.24.00 Short Range Transportation Planning

Purpose

The purpose of this element is to address and monitor ongoing short-range transit planning activities including the Americans with Disabilities Act, Charter Regulations, Disadvantaged Business Enterprise (DBE) Program Update, Title VI Update, Financial Planning, Competitive Services Planning, and Safety/Alcohol-Drug Control Studies. These planning efforts are intended to improve transit operations and to meet legal requirements including the final federal regulations associated with MAP-21 / FAST Act.

Also included in this element is the continuous monitoring of system performance within the constraints of the surrounding transit environment. This should be performed continuously with data resulting from this process providing the input needed to study possible improvements to the efficiency and service provided by ATS. With the declining role of federal financial support and the increased emphasis on local control, private enterprise participation, and competitive contracting, it is important for the transit system to become as efficient as possible within the limitations of a public service organization.

Previous Work

Providing transit planning administration and assistance is an ongoing MACORTS planning activity.

Project Description

Transit Planning staff will collect data in order to study and update all activities necessary for the successful administration of transit activities. This includes helping the Athens Transit System in preparing the update of the transit section of the TIP, conduct public hearings, coordinate with other agencies, and apply the ADA regulations to the operation of paratransit services. Performance of certain duties, as needed, will also include, but is not limited to:

- Special projects that may require planning efforts during the fiscal year
- Participation in and presentation of transit-related information before the appropriate committees involved in the MACORTS transportation planning process
- Scheduling and coordination of public hearings as required to meet state and federal guidelines regarding mass transportation services
- Staff technical support for transit-related committees
- Analysis of system-wide performance and the tracking of trends in the public use of the system
- Evaluate the ridership characteristics of individual routes
- Maintain the content of the Athens Transit System website
- Reporting to the National Transit Database
- Grant Administration

Activities

1. Federal and State quarterly progress reports
2. Federal and State quarterly financial reports
3. FTA 5307 Grant Application & Administration
4. National Transit Database reporting
5. System monitoring and reporting
6. In support of the update of the 2040 LRTP, analyze gaps in the public transportation network that would affect access to essential services.
7. Participate in the update of the 2040 LRTP to ensure that the Plan will provide for and maintain a multimodal transportation system that serves the needs of all citizens and provides efficient, safe, and convenient mobility, encourages desirable land use, promotes economic development, and minimizes adverse social and environmental impacts.

Resulting Products

Performance of administrative tasks as needed. Individual products will vary depending on the needs identified by the Director of Athens Transit System and the Planning Director.

Responsible Agency

Athens-Clarke County (ACC) Planning Department in support of the Athens Transit System

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018. Lead Agency: ACC Planning Department.

Cost Estimates/Proposed Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FTA Transit Planning (80%)	\$52,364.00	\$0.00
GDOT Sect. 5303 Transit Planning Match (10%)	\$0.00	\$6,545.50
Athens-Clarke County Match (10%)	\$6,545.50	\$0.00
Total	\$58,909.50	\$6,545.50

4.5 BIKE / PEDESTRIAN FACILITY PLANNING

Purpose

The purpose of this element will be provide staff resources to carry out planning activities related to multimodal facilities planning. Multimodal planning has been given a larger role with the advent of the FAST Act. The National Safety Goals include bike / pedestrian safety directly, and bike / pedestrian advocates have been included in the list of groups to be explicitly coordinated with during public involvement. These funds could provide funding for MPO staff to assist in the completion of grant applications to be submitted to Georgia DOT or other agencies and assist in the administration of any grants that are awarded from those submissions under available programs, as opportunities arise. Staff resources will be used to provide input to bicycle / pedestrian advisory groups, as necessary.

Previous Work

This is an on-going Madison Athens-Clarke Oconee Regional Transportation Study planning activity.

Project Description

Multimodal facility planning, data collection, and analysis regarding access to essential services in support of the development of the LRTP and/or TIP will be included in this element. Any grant activities will be a coordinated effort between the Athens-Clarke County Departments of Planning and Transportation and Public Works, Oconee County Departments of Planning and Public Works, and Madison County Departments of Planning & Zoning.

Activities

1. Research funding opportunities, as they become available
2. Coordinate with MACORTS counties regarding any available funding activities
3. Make staff available to participate in regional or local bike / pedestrian planning efforts.
4. In support of the 2040 LRTP update, work with the local governments to analyze gaps in the bike/pedestrian network that would affect access to essential services.
5. Gather and report safety data pertaining to cyclists / pedestrians in support of the LRTP.

Resulting Products

- Updated bike / pedestrian elements of the LRTP and/or TIP
- Individual grant products will vary depending on projects that are awarded and funding sources that are available.

Responsible Agency

Athens-Clarke County Planning Department (ACC)

Target Start and End Dates / Lead Agency

Work on this element will be from July 1, 2017 - June 30, 2018 Lead Agency: ACC Planning Department.

Cost Estimate/Proposed Funding Sources

Funding Source	Responsible Agency	
	MPO	GDOT
FHWA PL (80%)	\$2,000.00	\$0.00
GDOT PL Match (0%)	\$0.00	\$0.00
Madison County Match (3.5%)	\$87.50	\$0.00
Athens-Clarke County Match (13%)	\$325.00	\$0.00
Oconee County Match (3.5%)	\$87.50	\$0.00
Total	\$2,500.00	\$0.00

SECTION V – UNFUNDED PROPOSED WORK ELEMENTS

The following work element is not currently funded. Beginning with FY 2017, MPO's in Georgia were no longer allowed to carryover unspent metropolitan transportation planning (PL) funds into the following year's PL contract. Those funds instead are collected from all MPO's in Georgia, except for the Atlanta Regional Commission, and made available to MPO's through a competitive process. The Georgia Association of Metropolitan Planning Organizations (GAMPO) in cooperation with the Georgia Department of Transportation (GDOT), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA) must award the carryover funds to one or more of the unfunded proposed work elements throughout the state.

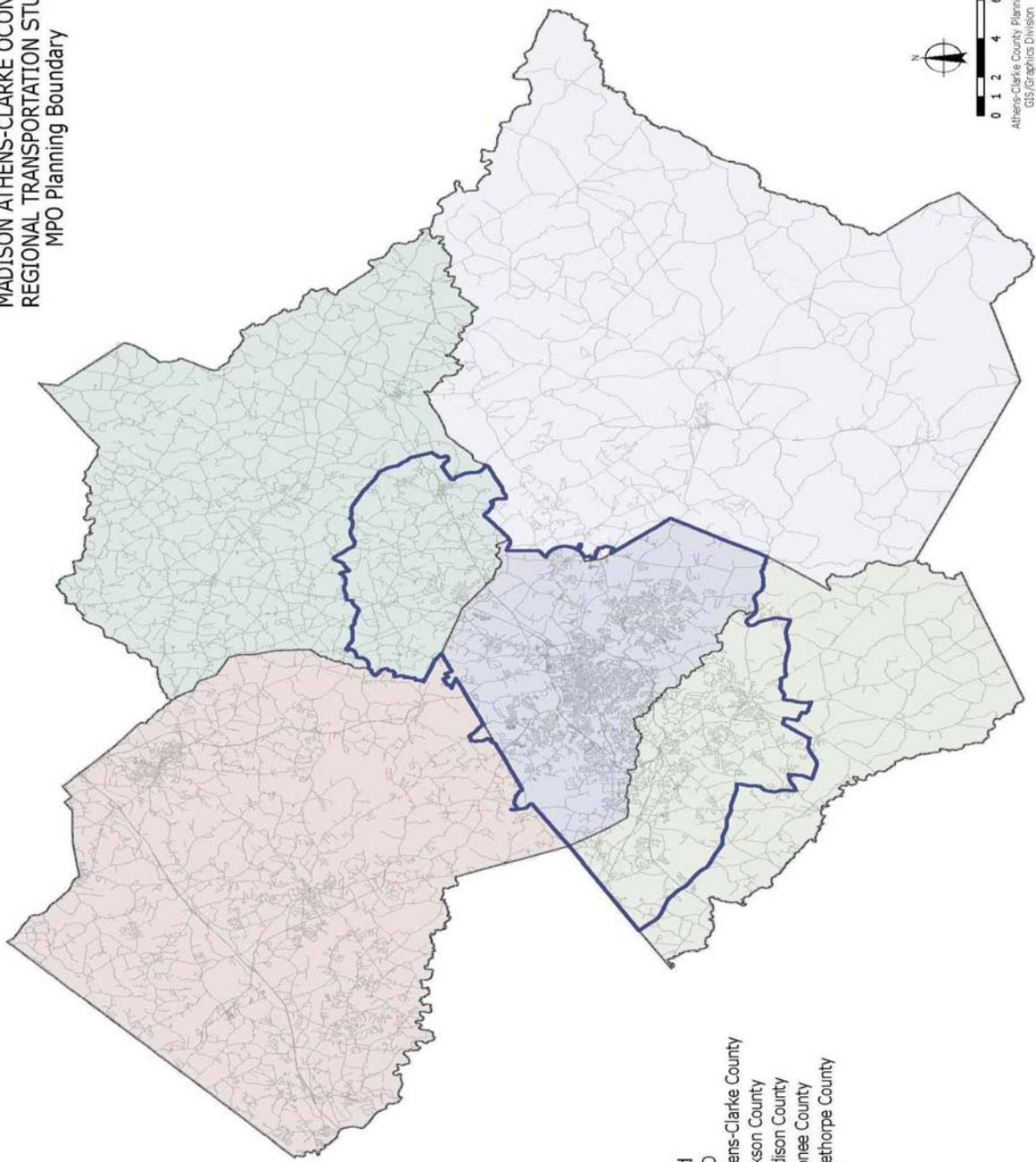
The member counties of MACORTS support the inclusion of these projects in the Unfunded Proposed Work Elements section of the FY 2018 Unified Planning Work Program and have resolved to provide the local match required in the event that they are funded. The project is also outlined in Table VI of this document.

There are no projects in the Unfunded Section at this time.

Appendices

Appendix A
MACORTS Boundary Map

MADISON ATHENS-CLARKE OCONEE
REGIONAL TRANSPORTATION STUDY
MPO Planning Boundary



- Legend
- MPO
 - Athens-Clarke County
 - Jackson County
 - Madison County
 - Oconee County
 - Oglethorpe County



Appendix B

MACORTS Memorandum of Understanding

Keith Golden, P.E., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

October 7, 2013

Mr. Brad Griffin, Director
Athens-Clarke County Planning Commission
120 W. Dougherty Street
Athens, GA 30601

Subject: Memorandum of Understanding for MACORTS

Dear Mr. Griffin:

I am pleased to submit to you the executed Memorandum of Understanding between the Madison Athens-Clarke Oconee Regional Transportation Study (MACORTS) and the Georgia Department of Transportation, which designates MACORTS as the MPO for the Athens Urbanized Area. If you have any questions, please feel free to contact the Department's Athens area planner, Tom Caiafa, at 404-631-1749.

Sincerely,

A handwritten signature in blue ink that reads "Cynthia L. VanDyke". The signature is written in a cursive style and is positioned above the printed name.

Cynthia L. VanDyke
State Transportation Planning Administrator

CLV:tsc
Enclosure

cc: File

METROPOLITAN PLANNING ORGANIZATION
MEMORANDUM OF UNDERSTANDING
FOR THE
MADISON ATHENS-CLARKE OCONEE REGIONAL TRANSPORTATION STUDY
BETWEEN

The County of Madison, The Unified Government of Athens-Clarke County, the County of Oconee, the County of Oglethorpe, the County of Jackson, the Northeast Georgia Regional Development Center, The Athens Transit System, and the Georgia Department of Transportation in cooperation with the U.S. Department of Transportation,

RELATIVE TO

The continuing, comprehensive, cooperative urban transportation planning process known as the "Madison Athens-Clarke Oconee Regional Transportation Study" (MACORTS).

I. IT IS THE INTENTION OF THE PARTIES:

A. That the Madison Athens-Clarke Oconee Regional Transportation Study is to:

1. Maintain a continuing, cooperative, and comprehensive transportation planning process as defined in Title 23 USC Section 134 that explicitly regards the seven planning factors identified in Title 23 and results in plans and programs consistent with comprehensively planned development of the urbanized area.
2. Update and revise the 20 Year Transportation Plan, to create a fiscally feasible transportation system that integrates thoroughfare development, intermodal facilities, public mass transportation, air facilities, rail systems, bicycle and pedestrian facilities and transportation enhancements; and reflects consideration of the area's comprehensive land-use plan and overall social, economic, environmental, and energy conservation plans, goals, and objectives.

3. Create a functional relationship between transportation planning and city-county development.
4. Maintain the data obtained in the original data collection phase of the study and any pertinent data collected thereafter on a current level so that existing and forthcoming recommendations may be evaluated and updated periodically.
5. Produce all documents and studies that are necessary to maintain a Certified Transportation Planning Process.

II. **IT IS FURTHER INTENDED**, that the areas of responsibility of the aforementioned counties, municipalities, and government agencies shall lie within the Metropolitan Area Boundary established by the Policy Committee as the Madison Athens-Clarke Oconee Regional Transportation Study. This area includes all of Athens-Clarke County and portions of Madison, Oconee, Oglethorpe, and Jackson Counties.

III. **IT IS FURTHER INTENDED**, that the Metropolitan Planning Organization (MPO) as designated by the Governor of Georgia is the Athens-Clarke County Planning Department. The Athens area MPO shall have the primary responsibility for carrying out the urban transportation planning process and of developing the planning work programs, transportation plans, and transportation improvement programs.

IV. **IT IS FURTHER INTENDED**, that the MACORTS shall be coordinated by a project director who shall be the Director of the Athens-Clarke County Planning Department or his designee and the staff of said agency shall serve, in part, as staff to the MACORTS program and process. Additional staff resources may be provided, upon request from the Technical Coordinating Committee (TCC) membership and existing staff resources of the participating agencies and governments. The Project Director shall coordinate all requests under the direction of the Policy Committee.

- V. **IT IS FURTHER INTENDED**, that the MACORTS Policy Committee shall continue to function to adopt appropriate goals, work programs, and plans; and to establish the need, form, and direction of future transportation improvements in the Athens area. The Policy Committee shall be the MPO forum for cooperative decision-making by principal elected and appointed officials of general purpose local government and intermodal transportation providers. The individuals representing the government jurisdictions involved in the MACORTS planning process and other involved agencies shall comprise the Policy Committee. The membership shall be enumerated in the MACORTS Bylaws. The Policy Committee shall have final authority in the matters of policy and plan adoption for the Madison Athens-Clarke Oconee Regional Transportation Study.
- VI. **IT IS FURTHER INTENDED**, that the committee known as the Technical Coordinating Committee (TCC) shall continue to function to assure the involvement of all operating departments, advisory agencies, and multimodal transportation providers concerned with, or affected by, the planning process and subsequent implementation of plans. The technical guidance and direction of the continuing Madison Athens-Clarke Oconee Regional Transportation Study shall be furnished by the TCC. The membership shall be enumerated in the MACORTS Bylaws.
- VII. **IT IS FURTHER INTENDED**, that the local legislative bodies of the participating counties appoint citizen review bodies to act as advisory committees on transportation who shall function as public information and involvement committees. These committees shall keep the Policy Committee and the Technical Coordinating Committee informed of the community's perspective and shall also provide information to the community about transportation policies and issues. The membership shall be enumerated in the MACORTS bylaws.

VIII. **IT IS FURTHER INTENDED**, that the various committees meet at significant stages in the planning process in accordance with the bylaws adopted by MACORTS.

IX. **IT IS FURTHER INTENDED**, that the Georgia Department of Transportation (GDOT), only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

1. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
2. Update and maintain travel simulation models for use in evaluating the metropolitan area's transportation needs. Said models shall be the "official" MACORTS models. The Department shall also provide the expertise and computer software for the above mentioned tasks.
3. Make periodic reviews and evaluations of projected transportation needs; and revisions, when necessary, of the multimodal transportation plan.
4. Aid the MPO in preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates where applicable for multimodal projects in the MACORTS 20 Year Multimodal Transportation Plan a.k.a. Long Range Transportation Plan.
5. Provide the local agencies with current information concerning the status of planning and implementation of the MACORTS Long Range Transportation Plan.
6. Ensure cooperation with the MACORTS and Athens Transit System in the development and implementation of the provisions of Moving Ahead for Progress in the 21st Century (MAP-21) and subsequent federal reauthorization legislation.
7. Enter into the cooperative process with all participating agencies, when the need for a major metropolitan investment is identified, to determine

the extent of the analyses and define each agency's role in the development of the Major Investment Study (23 CFR 450.318).

8. Incorporate, without modification, the adopted MACORTS Transportation Improvement Program into the State Transportation Improvement Program; and coordinate with the MACORTS Long Range Transportation Plan in the development of the Statewide Transportation Plan.
9. Annually certify, concurrently with the Athens MPO, to the FHWA and the FTA that the MACORTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
10. Provide various types of traffic count data.
11. Provide other assistance as mutually agreed upon.
12. The Department of Transportation in cooperation with the MPO will coordinate with all participating parties an understanding of the development and amendment process for the MACORTS Transportation Improvement Program.

X. **IT IS FURTHER INTENDED**, that the Athens-Clarke County Planning Department, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

1. Prepare planning-oriented preliminary engineering, right-of-way, and construction estimates where applicable for multimodal projects in the MACORTS 20 Year Multi-Modal Transportation Plan a.k.a. Long Range Transportation Plan.

2. Update and maintain maps showing existing and proposed land use, and make appraisals of actual land use development in comparison with projections.
3. Review zoning and subdivision requests in accordance with the MACORTS Transportation and Land Use Plans.
4. Provide social and community development plans as may relate to transportation needs.
5. Develop and maintain base and projected population, housing, employment, economic, vehicle and land use data by traffic zone and supply information as requested concerning special generators.
6. Make recommendations for revisions of the MACORTS Long Range Transportation Plan to conform to the new planning goals, objectives, policies, or developments.
7. Periodically review the traffic zone boundaries and make appropriate recommendations to the Technical Coordinating Committee and cooperate with the Georgia Department of Transportation in revision of said boundaries.
8. Provide available maps, aerial photographs, charts, records, and directories to the extent possible.
9. Collect, analyze, and distribute traffic data such as traffic counts and accident data to the public, government agencies, and other parties.
10. Provide accident reduction/traffic engineering assistance to the MACORTS area, when necessary.
11. Prepare and publish, as necessary, a fiscally constrained Long Range Transportation Plan that leads to the development of an integrated intermodal transportation system that facilitates the efficient movement

of people and goods. The transportation plan shall be reviewed and updated at least every five years, or as often as dictated by federal regulations.

12. Prepare and maintain a financially balanced Four-Year Multimodal Transportation Improvement Program (TIP) which will be updated annually.
13. Prepare an annual Unified Planning Work Program to document planning activities to be performed in the next fiscal year; in sufficient detail to indicate who will perform the work, the schedule for completion, and the products that it will produce.
14. Prepare an annual Performance Report for the comparison of established goals in the Unified Planning Work Program and completed work elements.
15. Compile, maintain, and document data on existing water, air, motor freight, and rail terminal and transfer facilities.
16. Prepare and publish as necessary a Participation Plan which documents how the MPO will provide complete information, timely public notices, full public access to key decisions, and support early and continuing involvement of the public in the development of plans and TIPs; and meet the criteria specified in 23 CFR Part 450.
17. Prepare and publish as necessary a Limited English Proficiency Plan which evaluates the Limited English Proficient population of the MACORTS planning area and documents the measures that the MPO takes to ensure their access to the MPO programs and services.

18. Cooperate with the Georgia Department of Transportation's development and implementation of the provisions of Moving Ahead for Progress in the 21st Century and subsequent federal reauthorization legislation.
19. Enter into the cooperative process with all participating agencies, when the need for a major metropolitan investment is identified, to determine the extent of the analyses and defines each agency's role in the development of the Major Investment Study (23 CFR 450.318).
20. Annually certify, concurrently with the Georgia Department of Transportation, to the FHWA and the FTA that the MACORTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
21. Prepare FTA quarterly and annual reports, as necessary for Section 5303 Transit Planning funding.

XI. IT IS FURTHER INTENDED, that the Unified Government of Athens-Clarke County within its official jurisdiction be responsible for the following:

1. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the MACORTS program will be coordinated with the Technical and Policy Committees.
2. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for MACORTS construction projects and be the agent responsible for acquiring said right-of-way.

3. Aid the MPO in developing planning-oriented preliminary engineering, right-of-way, and construction cost estimates where applicable for the MACORTS Long Range Transportation Plan.
4. Prepare, maintain, and partially fund an annual budget for the MPO's operations.

XII. IT IS FURTHER INTENDED, that the County of Madison within its official jurisdiction be responsible for the following:

1. Coordinating and assisting the Staff of the Athens MPO and / or the Northeast Georgia Regional Commission to gather planning, building, and land use information as it becomes necessary in order to update the plan for the study area.
2. Maintain zoning ordinances, subdivision regulations and other ordinances relating to streets and highways.
3. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
4. Aid the MPO in developing preliminary engineering, right-of-way, and construction cost estimates where applicable for the MACORTS Long Range Transportation Plan.
5. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for MACORTS construction projects and be the agent responsible for acquiring said right-of-way.
6. Fund a portion of the local match required for federal transportation planning funding to administer the MPO process. The amount and method of providing the match will be determined by the Policy Committee.

XIII. IT IS FURTHER INTENDED, that the County of Oconee within its official jurisdiction be responsible for the following:

1. Coordinating and assisting the Staff of the Athens MPO and / or the Northeast Georgia Regional Commission to gather planning, building, and land use information as it becomes necessary in order to update the plan for the study area.
2. Maintain zoning ordinances, subdivision regulations and other ordinances relating to streets and highways.
3. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
4. Aid the MPO in developing preliminary engineering, right-of-way, and construction cost estimates where applicable for the MACORTS Long Range Transportation Plan.
5. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for MACORTS construction projects and be the agent responsible for acquiring said right-of-way.
6. Fund a portion of the local match required for federal transportation planning funding to administer the MPO process. The amount and method of providing the match will be determined by the Policy Committee.

XIV. IT IS FURTHER INTENDED, that the urbanized portion of the County of Oglethorpe will be included in the MPO planning boundary along with a portion to represent 20 years of anticipated growth. Neither membership nor involvement in the MACORTS metropolitan transportation process are required or desired by the County of Oglethorpe. For the portion included in the MPO planning boundary, MACORTS shall be responsible for the following:

1. Preparation of socio-economic data for the area included in the planning boundary for inclusion in the travel demand model.
2. Provide TCC and PC meeting materials, as a courtesy, to the Oglethorpe County officials as identified in the MACORTS Bylaws.
3. Include projects, as approved by MACORTS, in the Long Range Transportation Plan and Transportation Improvement Program for the area included within the planning boundary.

XV. IT IS FURTHER INTENDED, that the urbanized portion of the County of Jackson that is contiguous with Athens-Clarke County will be included in the MPO planning boundary along with a portion to represent 20 years of anticipated growth. Neither membership nor involvement in the MACORTS metropolitan transportation process are required or desired by the County of Jackson. For the portion included in the MPO planning boundary, MACORTS shall be responsible for the following:

1. Preparation of socio-economic data for the area included in the planning boundary for inclusion in the travel demand model.
2. Provide TCC and PC meeting materials, as a courtesy, to the Jackson County officials as identified in the MACORTS Bylaws.
3. Include projects, as approved by MACORTS, in the Long Range Transportation Plan and Transportation Improvement Program for the area included within the planning boundary.

XVI. IT IS FURTHER INTENDED, that the Athens Transit System shall:

1. Provide instruction and direction to the Athens-Clarke County Planning Department as to studies and plans to be conducted on its behalf by the Athens-Clarke County Planning Department, including, but not limited to, corridor and sub-area studies when necessary.

2. Make available to the Athens-Clarke County Planning Department any records, documents, or information necessary to accomplish the transit department's planning objectives and to develop the MACORTS Long Range Transportation Plan and the TIP.
3. Cooperate with the Department of Transportation in the development and implementation of the provisions of Moving Ahead for Progress in the 21st Century (MAP-21) and subsequent federal reauthorization legislation.
4. Enter into the cooperative process with all participating agencies, when the need for a major metropolitan investment is identified, to determine the extent of the analyses and define each agency's role in the development of the Major Investment Study (23 CFR 450.318).
5. Assist in the preparation and publication of, as necessary, a Limited English Proficiency Plan which evaluates the Limited English Proficient population of the Athens Transit System (ATS) service area and documents the measures that the ATS takes to ensure their access to the ATS programs and services.

XVII. IT IS FURTHER INTENDED, that the Northeast Georgia Regional Commission shall:

1. Continue to perform the intergovernmental review.
2. Continue to maintain a regional transportation planning process for areas outside the Madison Athens-Clarke Oconee Regional Transportation Study; and,
3. Coordinate said process with the Madison Athens-Clarke Oconee Regional Transportation Study.

XVIII. IT IS FURTHER INTENDED, that:

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

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

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

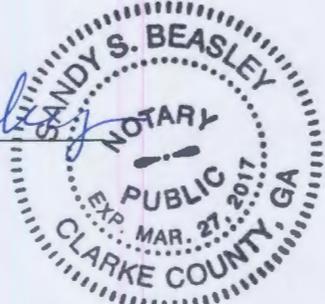
In witness whereof, the parties hereto have executed this Memorandum of Understanding, this 12th day of June, 2013.

UNIFIED GOVERNMENT OF ATHENS-CLARKE COUNTY

[Signature]
Witness

Nancy Bidson
Mayor

Sandy Beasley
Notary Public

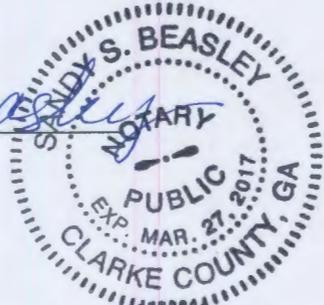


COUNTY OF MADISON

Sherry McDuffie
Witness

Andy Dore
Chairman, Board of Commissioners

Sandy Beasley
Notary Public



COUNTY OF OCONEE

[Signature]
Witness

Melvin Dore
Chairman, Board of Commissioners

Sandy Beasley
Notary Public

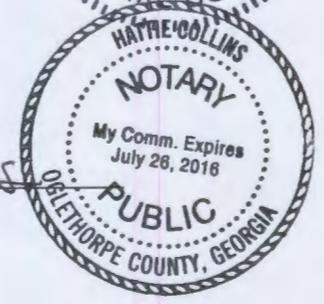


COUNTY OF OGLETHORPE

Sherry McDuffie
Witness

Bil Lind
Chairman, Board of Commissioners

Hattie Collins
Notary Public



COUNTY OF JACKSON

Ernie Johnson
Witness

[Signature]
Chairman, Board of Commissioners

[Signature]
Notary Public
Official Seal

Regina K Mitsdarffer
Notary Public, Jackson County, Georgia
My Commission Expires July 6, 2015



NORTHEAST GEORGIA REGIONAL COMMISSION

Sheryl McDuffie
Witness

[Signature]
Executive Director

Martha Beck
Notary Public

NOTARY PUBLIC, JACKSON COUNTY, GEORGIA
MY COMMISSION EXPIRES AUGUST 2, 2016



ATHENS TRANSIT SYSTEM

[Signature]
Witness

Bob McOffici
Director

[Signature]
Notary Public



ATHENS-CLARKE COUNTY PLANNING DEPARTMENT

Sheryl McDuffie
Witness

[Signature]
Director

[Signature]
Notary Public

**GEORGIA DEPARTMENT OF TRANSPORTATION
RECOMMENDED:**

[Signature]
Director of Transportation Planning Division

Matt [Signature]
Witness

[Signature]
Commissioner

Anita Henson
Notary Public



Appendix C
MACORTS Bylaws

**MADISON ATHENS-CLARKE OCONEE REGIONAL
TRANSPORTATION STUDY (MACORTS)
BYLAWS**

A. PURPOSE

The MACORTS organization was formed in March 1969 with The Memorandum of Understanding between the City of Athens, Clarke County, and the State Highway Department of Georgia (later renamed the Georgia Department of Transportation). The northern portion of Oconee County and the southern portion of Madison County including the cities of Hull and Colbert were later incorporated into the study area. Small portions of Oglethorpe and Jackson Counties were included within the MPO planning boundary in 2013, but the counties opted not to participate in the planning process. The purpose of MACORTS is to implement the 3-C (comprehensive, cooperative, and continuing) transportation planning process, update the Transportation Plan, and prepare all necessary studies and reports for the MACORTS area.

B. ORGANIZATION

The MACORTS organization shall consist of two committees – the Technical Coordinating Committee (TCC) and the Policy Committee (PC). The TCC is responsible for providing technical input on various transportation planning issues to the Policy Committee. The PC is the decision making body of MACORTS. The Athens-Clarke County Planning Department shall provide planning and administrative support to the MACORTS Committees. The PC may occasionally appoint various subcommittees to deal with specific transportation issues. These subcommittees are appointed by the PC and will work with the MACORTS planning staff and report to the PC and TCC.

The Athens-Clarke County Planning Commission, the Oconee County Appointed Citizen Representative, and the Madison County Planning and Zoning Commission are designated as Citizen Advisory Committees (CACs) to MACORTS for their respective counties. Each CAC will review and comment to the MACORTS Policy Committee on studies prepared by MACORTS that address public policy issues, including the Transportation Plan and the Transportation Improvement Program.

C. COMMITTEE MEMBERSHIP

Policy Committee

The PC shall consist of eight voting members. The members shall include:

Madison County Representatives

Chair, Madison County Board of Commissioners

Chair, Madison County Planning & Zoning Commission

County Engineer, Madison County (Alternate)

Zoning Administrator, Madison County (Alternate)

Athens-Clarke County Representatives

Mayor, Athens-Clarke County Government

Chair, Athens-Clarke County Planning Commission

Manager, Athens-Clarke County (Alternate)

Planning Director, Athens-Clarke County (Alternate)

University of Georgia Representatives

Senior Vice President for Finance and Administration,
University of Georgia

Associate Vice President for Auxiliary & Administrative Services, University of
Georgia (Alternate)

Oconee County Representatives

Chair, Oconee County Board of Commissioners

Citizen Representative, Oconee County
(appointed by Oconee County Board of Commissioners)

Administrative Officer, Oconee County (Alternate)

Strategic & Long Range Planning Director, Oconee County (Alternate)

Georgia Department of Transportation Representatives

Commissioner, Georgia Department of Transportation

Chief, Urban Area Planning Bureau, Georgia DOT (Alternate)

Additionally, the PC has Ex-Officio members who have no formal voting powers. These members include: Division Administrator, Federal Highway Administration; Director of Office of Planning & Program Development, Federal Transit Administration; and the District Engineer, Georgia Department of Transportation. Additional alternate members may be appointed in the event of absence. As a courtesy, the Chairpersons and Planning Directors in Oglethorpe and

Jackson Counties will be included on the Policy Committee mailing list, though they are not members of the Policy Committee.

Technical Coordinating Committee

The TCC shall consist of the following or designees:

Madison County Representatives

Zoning Administrator, Madison County

Road Department Director, Madison County

Assistant Superintendent for Administration and Operations (Madison County Schools)

Member (non-chair), Madison County CAC

Athens-Clarke County Representatives

Manager, Athens-Clarke County

Planning Director, Athens-Clarke County

Transit Director, Athens Transit System

Public Works Director, Athens-Clarke County

Public Utilities Director, Athens-Clarke County

Airport Director, Athens/Ben Epps Airport

Director, Athens Downtown Development Authority

Director, Athens Area Chamber of Commerce

Chair, Oconee Rivers Greenway Commission

Transportation Planners, Athens-Clarke County

Engineering Administrator, Athens-Clarke County

Member (non-chair), Athens-Clarke County CAC

Traffic Engineer, Athens-Clarke County

Athens-Clarke County School District Director of Transit Operations

Athens-Clarke County Environmental Coordinator

University of Georgia Representatives

Director of Auxiliary Services, University of Georgia

Campus Transit Manager, University of Georgia

Oconee County Representatives

Administrative Officer, Oconee County

Planning Director, Oconee County

Strategic & Long Range Planning Director, Oconee County
Oconee County Appointed Citizen Representative
Representative of Oconee County Public Works Department
Oconee County School Board Superintendant or his designee

Georgia Department of Transportation Representatives

Transportation Planner (Highway) Georgia Department of
Transportation

Transportation Planners (Transit) Georgia Department of
Transportation

District Representative, Georgia Department of Transportation

District Pre-Construction Engineer, Georgia Department of
Transportation

Other Representatives

Transportation Planner, Northeast Georgia Regional Commission
Representative, Norfolk Southern Railway

Representative, CSX Railway

Representative, Georgia Motor Trucking Association

District 11 Representative, Georgia Rail Passenger Authority

and other members who may be assigned by the Policy Committee from time to time.

Additionally, the TCC has Ex-Officio members who have no formal voting powers. These members include: the Director of Campus Planning, University of Georgia; the Transportation Planner, Federal Highway Administration; and Community Planner, Federal Transit Administration. Additional alternate members may be appointed in the event of absence. As a courtesy, the Chairpersons and Planning Directors in Oglethorpe and Jackson Counties will be included on the Policy Committee mailing list, though they are not members of the Policy Committee.

D. MEETINGS

The MACORTS TCC and PC shall meet monthly or as often as necessary. TCC meetings shall be held on the fourth Wednesday of the month and PC meetings shall be held on the second Wednesday of the month. It may occasionally be necessary to conduct special called committee meetings. These special called committee meetings and subcommittee meetings shall be held at a time convenient for as many members as possible.

E. POWERS

The Planning Director of Athens-Clarke County shall serve as the Chair of the TCC. The Chair of the PC shall alternate annually among the CEO's of the member counties, unless otherwise voted by the PC membership. The term of the Chair of the PC shall begin with the first meeting of the calendar year. The successor to the Chair of the PC shall be designated as the Vice-Chair of the PC and shall serve as Chair in the event that the Chair is unavailable. The Transportation Planner for the Athens-Clarke County Planning Department shall serve as the secretary for the TCC and PC. Subcommittee chairs shall be appointed by the Chair of the PC. Committee and subcommittee actions at all meetings (including motions and voting) shall follow generally accepted guidelines as adopted by the PC.

F. QUORUM

A Quorum shall exist in PC and subcommittee meeting when more than one-half (1/2) of the voting members are present. A quorum of the TCC shall exist when at least ten of the voting members are present.

G. AMENDMENTS TO THE BYLAWS

Occasionally it may become necessary to amend the Bylaws. The PC shall review any proposed additions and changes to the Bylaws and amend these changes as necessary.

Certification

I hereby certify that the above is a true and correct copy of the Bylaws adopted by the Madison Athens-Clarke Oconee Regional Transportation Study Policy Committee at a meeting held on June 12, 2013.

6/12/2013
Date

Anthony Dove
Anthony Dove
Chair, MACORTS Policy Committee

Appendix D
MACORTS Funding Tables

Madison Athens-Clarke Oconee Regional Transportation Study (MACORTS)

FY 2018 Unified Planning Work Program

Appendix D - Table II

Source of Local Match Funds For PL Grants

UPWP Work Element	Total Grant Amount	Federal Share (80%)	Total Local Share (20%)	Madison County (3.5%) Maximum Cash Match	Athens-Clarke County (13%) Maximum Cash Match	Oconee County (3.5%) Maximum Cash Match
1.1 Program Coordination	\$ 10,000.00	\$ 8,000.00	\$ 2,000.00	\$ 350.00	\$ 1,300.00	\$ 350.00
1.2 Operations and Administration	\$ 95,660.61	\$ 76,528.49	\$ 19,132.12	\$ 3,348.12	\$ 12,435.88	\$ 3,348.12
1.3 Training / Employee Education	\$ 10,000.00	\$ 8,000.00	\$ 2,000.00	\$ 350.00	\$ 1,300.00	\$ 350.00
1.4 Equipment and Supplies	\$ 10,000.00	\$ 8,000.00	\$ 2,000.00	\$ 350.00	\$ 1,300.00	\$ 350.00
1.6 UPWP	\$ 5,000.00	\$ 4,000.00	\$ 1,000.00	\$ 175.00	\$ 650.00	\$ 175.00
2.1 Community Outreach / Education	\$ 7,500.00	\$ 6,000.00	\$ 1,500.00	\$ 262.50	\$ 975.00	\$ 262.50
2.2 Environmental Justice / Title VI	\$ 7,500.00	\$ 6,000.00	\$ 1,500.00	\$ 262.50	\$ 975.00	\$ 262.50
2.3 Participation Plan	\$ 1,250.00	\$ 1,000.00	\$ 250.00	\$ 43.75	\$ 162.50	\$ 43.75
3.1/3.2 Maintain & Monitor Land Use & Soc-Ec.	\$ 5,000.00	\$ 4,000.00	\$ 1,000.00	\$ 175.00	\$ 650.00	\$ 175.00
3.4 Trans. Surveys, Models, & Analysis (TP+)	\$ 2,500.00	\$ 2,000.00	\$ 500.00	\$ 87.50	\$ 325.00	\$ 87.50
3.5 System Monitoring	\$ 5,000.00	\$ 4,000.00	\$ 1,000.00	\$ 175.00	\$ 650.00	\$ 175.00
4.11 Transportation Plan Maint/ Update	\$ 57,844.35	\$ 46,275.48	\$ 11,568.87	\$ 2,024.55	\$ 7,519.77	\$ 2,024.55
4.12 Transportation Improvement Program (TIP)	\$ 6,250.00	\$ 5,000.00	\$ 1,250.00	\$ 218.75	\$ 812.50	\$ 218.75
4.2 Transit/Paratransit Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.5 Bike / Pedestrian Facilities Planning	\$ 2,500.00	\$ 2,000.00	\$ 500.00	\$ 87.50	\$ 325.00	\$ 87.50
TOTALS	\$ 226,004.96	\$ 180,803.97	\$ 45,200.99	\$ 7,910.17	\$ 29,380.65	\$ 7,910.17
Additional Awarded PL Funds						
4.11.1 Update of MACORTS Transp. Plan to 2045	\$ 350,000.00	\$ 280,000.00	\$ 70,000.00	\$ 12,250.00	\$ 45,500.00	\$ 12,250.00
Unfunded Proposed Work Elements						

Appendix E

Work Schedule

Appendix F

Planning Factor Applicability

**Madison Athens-Clarke Oconee Regional Transportation Study
 FY 2018 Unified Planning Work Program
 Appendix F - Table IV
 Planning Factor Applicability**

WORK ELEMENTS		PLANNING FACTORS*									
		1	2	3	4	5	6	7	8	9	10
PROGRAM ADMINISTRATION											
1.1	Program Coordination	X	X	X	X	X	X	X	X	X	X
1.2	Operations and Administration	X	X	X	X	X	X	X	X	X	X
1.3	Training/Employee Education		X	X	X			X	X		
1.4	Equipment and Supplies				X			X	X		
1.6	Unified Planning Work Program	X	X	X	X	X	X	X	X	X	X
PUBLIC INVOLVEMENT											
2.1	Community Outreach / Education	X	X	X	X	X	X	X	X		X
2.2	Environmental Justice / Title VI	X	X	X	X	X	X	X	X		
2.3	Participation Plan				X			X	X		
DATA COLLECTION											
3.1/3.2	Maintain and Monitor Land Use and Socio-Economic Data	X	X	X	X	X	X	X	X	X	X
3.4	Transportation, Surveys, Models and Analysis (TP+)	X	X	X	X	X	X	X	X	X	X
3.5	System Monitoring	X	X	X	X	X	X	X	X	X	X
SYSTEM PLANNING											
4.11	Transportation Plan Maintenance / Update	X	X	X	X	X	X	X	X	X	X
4.12	Transportation Improvement Program	X	X	X	X	X	X	X	X	X	X
4.2	Transit / Paratransit Planning	X	X	X	X	X	X	X	X	X	X
4.5	Bike / Pedestrian Facilities Planning	X	X	X	X	X	X	X	X	X	X
Additional Awarded PL Funds											
4.11.1	Update of MACORTS Transportation Plan to 2045	X	X	X	X	X	X	X	X	X	X
UNFUNDED PROPOSED WORK ELEMENTS											

***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 options available to people and freight.
- 5 Protect and enhance the environment, promote energy conservation, and improve the quality of life.
- 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 the resiliency and reliability of the transportation system and reduce or mitigate the stormwater impacts of surface transportation.
- 10 Enhance travel and tourism.

Appendix G

Unfunded Proposed Work Elements

Madison Athens-Clarke Oconee Regional Transportation Study
 FY 2018 Unified Planning Work Program
 Appendix G - Table V
 Unfunded Proposed Work Elements

Associated Work Element(s) Supported by Proposed Activity	Activity	Estimated Federal Share (80%)	Estimated Local Share (20%)	Estimated Total	Notes
TOTALS		\$ -	\$ -	\$ -	