

Greenville-Pickens Area
Transportation Study (GPATS)
Unified Planning Work Program
Fiscal Year 2020–2021



Full document also available at www.gpats.org.

Disclosure statement: *The preparation of this report has been financed in part through grant(s) from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation or the South Carolina Department of Transportation.*

TABLE OF CONTENTS

I. PREFACE

Status of Current Planning Activities 5
Planning Priorities 7

II. INTRODUCTION

Organization and Planning Structure 9
Unified Planning Work Program Development14
GPATS Study Area Map15

III. PROGRAM ADMINISTRATION

Task 101 Study Coordination

Sub-element 101.1 Fiscal Management and MPO Administration17

Task 102 Unified Planning Work Program

Sub-element 102.1 UPWP Development and Committee/Public Involvement18

Task 103 Staff Education

Sub-element 103.1 Continued Education and Technical Training19

Task 104 Computer System Acquisition

Sub-element 104.1 Maintenance of Computer and Transportation Software20

IV. PUBLIC INVOLVEMENT PROCESS

Task 201 Public Involvement Program

Sub-element 201.1 Participation Plan and Community Outreach22

V. SYSTEMS MANAGEMENT AND COORDINATION

Task 301 Transportation Systems Management

Sub-element 301.1 Systems Performance and Safety Planning24

Task 302 Short Range Planning

Sub-element 302.1 Transportation Data Collection and Community Planning25

Task 303 Multimodal Planning

Sub-element 303.1 Transit Planning and Multimodal Coordination26

TABLE OF CONTENTS

VI. TRANSPORTATION PLANS AND STUDIES

Task 401 Transportation Improvement Program

Sub-element 401.1 Project Development and Program Administration28

Task 402 Long Range Planning

Sub-element 402.1 Long Range Plan Development & Travel Demand Modeling29

Task 403 Special Transportation Studies30

VII. APPENDIX A

GPATS UPWP FY 2018 Funding Summary31

GPATS UPWP FY 2019 Funding Summary32

GPATS UPWP Work Schedule33

Matrix of Planning Factors and UPWP Work Elements34

Annual Planning Certification35

VIII. APPENDIX B

Procurement and Planning Study Requirements36

IX. LIST OF FIGURES

Figure 1: Planning Structure10

Figure 2: GPATS Study Area15

X. LIST OF TABLES

Table 1: GPATS Study Team Members11

Table 2: GPATS Transit Coordinating Committee.....12

Table 3: GPATS Bicycle and Pedestrian and Coordinating Committee Members.....12

Table 4: GPATS Policy Coordinating Committee Members13

PREFACE

In the event GPATS has PL carryover funding, GPATS has historically allowed jurisdictions to apply to use the funds for local planning studies, GPATS Staff aids the GPATS Study Team in recommending projects to Policy Committee for approval. GPATS intends to use the carryover funds for large regional GPATS plans over the next couple years, but will allow local jurisdictions to apply for PL carryover funding when it is not needed for GPATS regional studies. GPATS will be using FY 2019's carryover funds for a Regional Freight Study between GPATS, ANATS, SPATS, and ACOG. Due to this, no applications were accepted from local jurisdictions in 2018. PL carryover funds were awarded to six jurisdictions in 2017, City of Greenville (City of Greenville Downtown Master Plan), Laurens County (Highway 14/I-385 Corridor Study), City of Clemson (City of Clemson Downtown Corridor Study), Greenville County (Greenville County Feasibility of Traffic Congestion Reduction using ATN), Greenville Transit Authority (GTA Transit Development Plan), and City of Mauldin (City of Mauldin Sidewalk Study).

GPATS has become a Direct Recipient of FTA funding, specifically 5310 and 5339 funds and has become the funding allocator to GTA/Greenlink and CAT (Clemson Area Transit).

Staff continued to provide transportation assistance for the counties and municipalities of GPATS, such as the Poinsett Corridor Master Plan and the ongoing Sans Souci Community plan. Staff also provide assistance and information for several Safe Routes to School travel plans and walkability assessments for local schools.

Also, as required by FHWA/SCDOT, GPATS has incorporated all performance measures adopted thus far into work program items, and will continue to do so in the future. To date, GPATS has incorporated and adopted the State's targets for Safety, Transit Asset Management, Infrastructure Condition, System Reliability and Freight Reliability. In early 2019, GPATS adopted the State's new safety targets as the safety schedule requires annual updates.

PREFACE

This Unified Planning Work Program (UPWP) identifies the transportation planning activities being conducted by the Greenville-Pickens Area Transportation Study (GPATS) Metropolitan Planning Organization (MPO), which serves the Greenville-Pickens Urbanized Area in South Carolina. The planning activities outlined in the UPWP are to be completed during FY 2020 and FY 2021 beginning July 1, 2019, and ending June 30, 2020.

Greenville County Community Planning and Development, which provides staff support for GPATS, has prepared this document, in consultation with the South Carolina Department of Transportation, Federal Highway Administration, and other agencies involved in transportation planning and implementation. This document also is intended to comply with the Title VI requirements contained in the Federal Regulations for the development of plans and programs. The MPO Self Certification Statement is attached in Appendix A.

Additional information about GPATS planning activities is available at: <http://www.gpats.org>, or by contacting GPATS staff at (864) 467-7174.

STATUS OF CURRENT PLANNING ACTIVITIES

GPATS's planning efforts in FY 2017 were focused on the update of the Long Range Transportation Plan (LRTP) and working with planners to assist with land use and transportation components of several neighborhood, corridor, and area plans.

Staff time was devoted to public involvement activities, including meetings, online and print surveys, and various social media outreach campaigns to gather input from citizens throughout the GPATS area about the Long Range Transportation Plan update and to presenting information to elected officials, the GPATS Policy Coordinating Committee, Study Team, and Transit Coordinating Committee.

The staff has continued coordinating with the Greenville Transit Authority (d.b.a Greenlink) and CAT (Clemson Area Transit) to provide planning support. Staff serves on the Greenville Transit Authority's (GTA) Transit Development Committee and attends GTA monthly Board meetings. GPATS continues to act as the Direct Recipient of FTA 5310 and 5339 funds and allocated funding to GTA/Greenlink and CAT.

Staff has also provided data and technical assistance to municipalities and counties within GPATS in order to assist them with various projects and plan updates.

PREFACE

In 2018, GPATS awarded extra TAP funding to the City of Fountain Inn's and City of Pickens' existing TAP projects in the form of an addendum to their applications. This was necessary due to increased cost estimates, and both organizations were told to acquire extra funding by SCDOT before their projects could move forward. Neither organization had a participation agreement in place. Additionally, GPATS changed aspects of the Transportation Alternatives Program document/ranking criteria in 2018 to increase efficiency. These changes were voted on in early 2019. Applications have been received for the newest TAP cycle and were voted on in May. The chosen applications were submitted to SCDOT for final review by the SCDOT commission.

Greenville, Spartanburg, and Anderson counties were designated an Air Quality Nonattainment area for ground-level ozone in 2004, but the designation was deferred under the provisions of an Early Action Compact among US EPA, SC DHEC, and each county. Monitoring data for 2007 showed compliance with all standards, and GPATS was designated as "in attainment." The EPA's revised National Ambient Air Quality Standards (NAAQS) are currently on hold. GPATS staff continues to prepare for new possibilities.

PREFACE

PLANNING PRIORITIES FOR THE COMING YEAR

- Continue to work with the new municipalities to ensure they feel included in the planning process, and educate them on GPATS policies and processes
- Collaborate with municipalities and counties of GPATS with regard to implementation and coordination of land-use planning and transportation project development;
- Work cooperatively with regional entities such as Ten At The Top; Upstate Forever; Live-Well Greenville; Greenville Forward; and other partners;
- Work with GTA/Greenlink and Clemson Area Transit System (CATS) as the Designated Recipient for Federal Transit Administration apportioned funds and as the Direct Recipient for 5310 and 5339 FTA funds
- Continue to work with the public and local stakeholders to maintain an accurate regional vision of the transportation network
- Continue to regularly update the GPATS website with project and plan information and other data
- Complete the LRTP 2017 full update process in fall 2017, including a final wrap up meeting in August and a finalized travel model with ranked results (by consultant)
- Continue incorporating performance measures into work program items

INTRODUCTION

In 1964, the Greenville County Planning Commission was designated as the Metropolitan Planning Organization (MPO) and the county, city and state created the Greenville Area Transportation Study (GRATS) to comply with the Federal Highway Act of 1962. This act mandated that all communities with more than 50,000 residents perform transportation planning activities for the entire urbanized area. The legislation ensures there is a “continuing, cooperative and comprehensive” (known as “3-C”) planning process involving federal, state and local agencies, as well as citizens and other affected stakeholders.

As a result of the population growth patterns identified in the 2000 Census, the MPO was expanded to include portions of Pickens County, and the name was changed to the Greenville-Pickens Area Transportation Study (GPATS). As a result of the 2010 Census, GPATS was expanded to include additional areas of Pickens County and Anderson County. GPATS came to include the municipalities of Pelzer, West Pelzer, and Williamston in Anderson County, and Central, Clemson, Norris, and Pendleton in Pickens County. The GPATS boundary and membership structure was approved at the March 2013 meeting of the Policy Committee.

The MPO comprises four committees: Policy Committee; Study Team/Technical Committee; Transit Coordinating Committee, and Bicycle and Pedestrian Committee. The planning structure is displayed in **Figure 1** and **Figure 2** displays a map of the Greenville-Pickens Area Transportation Study Urbanized Area.

The Unified Planning Work Program (UPWP) lists the planning activities for the coming two years and provides fiscal information regarding how the funds will be spent as well as staff responsibility, goals, and objectives. The planning funds are appropriated under the enactment of the Fixing America’s Surface Transportation (FAST) Act. The planning factors remain the same from SAFE-TEA-LU, the previous transportation legislation:

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

INTRODUCTION

ORGANIZATION AND PLANNING STRUCTURE

The Study Team /Technical Committee membership includes staff from federal, state, and local agencies and other associations who have technical knowledge of transportation and/or planning. The team functions to ensure the involvement of all relevant departments, advisory agencies, and multi-modal transportation providers involved in the planning process and subsequent implementation of plans. The committee evaluates transportation plans and projects based on whether they are technically warranted and financially feasible.

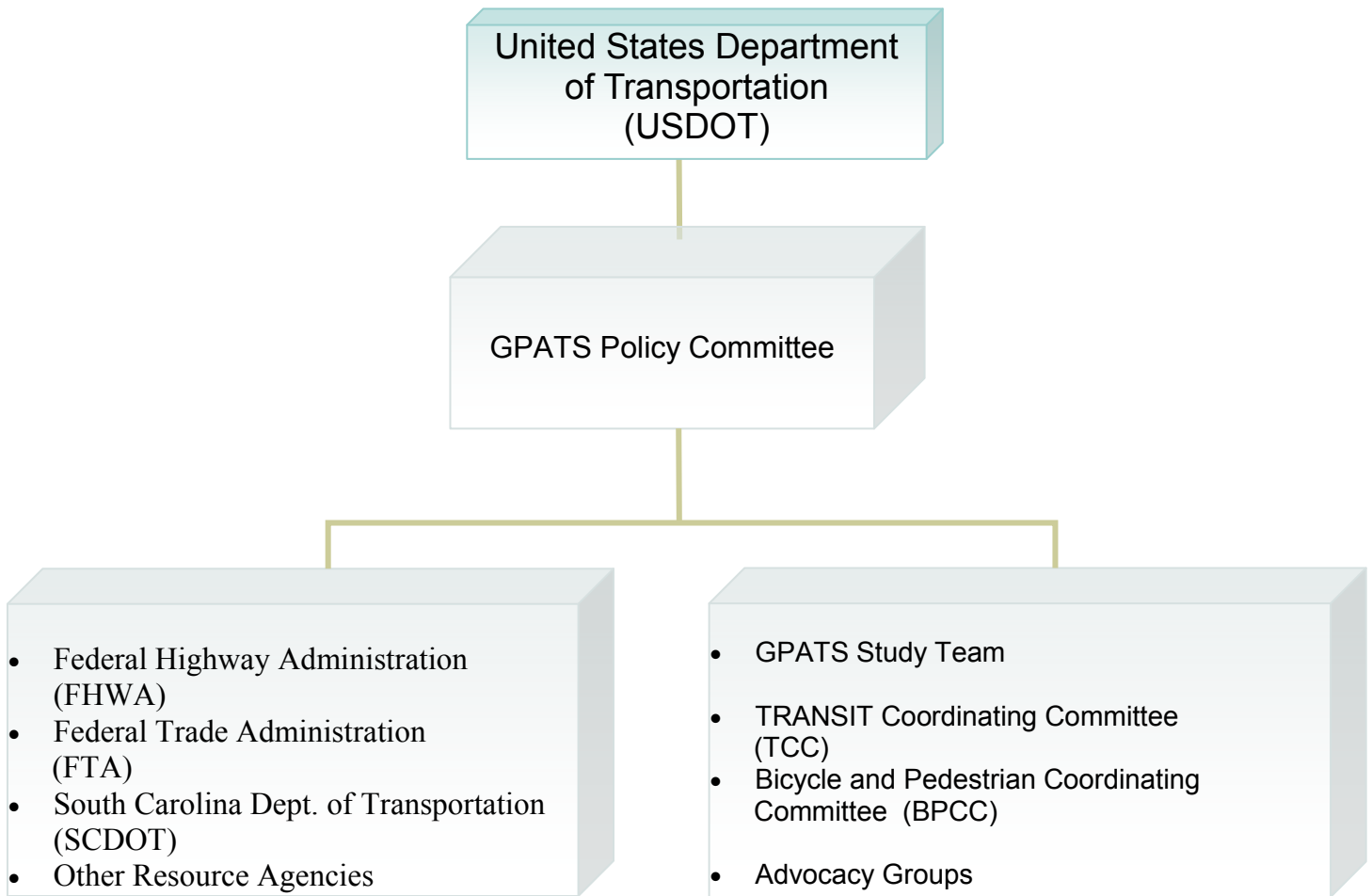
The Policy Committee is a forum for cooperative decision-making by elected and appointed officials of the local governments and transportation providers. The Policy Committee also is responsible for taking into consideration the recommendations from the CAC and the Study Team when adopting plans or setting policy. The Policy Committee has final authority in the matters of policy and adoption of plans.

The Transportation Coordinating Committee (TCC) is a group of individuals, typically with technical training in transit, that meet before every Study Team and Policy Committee meeting to discuss transit decisions in the region. They then bring information and recommendations before the Study Team and Policy Committee to help with recommendations and decision making processes.

The Bicycle and Pedestrian Coordinating Committee (BPCC) is a group of individuals, typically with experience with bicycle and pedestrian facilities, which meets before Study Team and Policy Committee meetings to discuss bicycle and pedestrian projects and decisions. They bring information and recommendations before the Study Team and Policy Committee in an effort to assist with the decision making process.

INTRODUCTION

FIGURE 1: PLANNING STRUCTURE



The MPO planners serve on a variety of committees and attend meetings to provide assistance and encourage alignment with existing plans and policies. The staff attends the Greenville and Pickens County Transportation Committees (legislative delegations) and assist in the prioritization and review of proposed projects. Staff attends meetings of the CAT and GTA Boards, the Chamber of Commerce’s Transportation and Infrastructure Committee, LiveWell Greenville, GSP International Airport, and other organizations related to transportation.

The staff periodically is invited to present transportation plans and programs carried out by the MPO to civic groups and organizations in the Greenville-Pickens Urbanized Area.

INTRODUCTION

TABLE 1: GPATS STUDY TEAM MEMBERS

GPATS STAFF

Keith Brockington, Planning
Helen Hahn, Admin. Coordinator
Brennan Hansley, Planning
Asangwua Ikein, Planning
Denise Montgomery, Admin. Asst.

GREENVILLE COUNTY

Hesha Gamble, Engineering
Paula Gucker, Public Works
Sarah Holt, Planning
Kurt Walters, Engineering
Judy Wortkoetter, Land Development

ANDERSON COUNTY

Jeff Parkey, Planning
Rhonda Sloan Planning
Dyke Spencer, Powdersville Water

LAURENS COUNTY

Jon Caime, Administration
Robert Russian

PICKENS COUNTY

Crystal Alexander, Clerk to Council
Chris Brink, Planning
Rodney Robinson, Engineering

CITY OF CLEMSON

Kent Guthrie, Engineering
Heather Lollis, CAT
Keith Moody, CAT
Todd Steadman, Planning

CLEMSON UNIVERSITY

Peter Knudsen, Planning
Katerina Moreland, Planning

CITY OF EASLEY

Larry Bagwell, Mayor
Blake Sanders, Planning
Stephen Steese, Administration

CITY OF FOUNTAIN INN

Shawn Bell, Administrator
Gregory Gordos, Planning

CITY OF GREENVILLE

Dwayne Cooper, Engineering
Valerie Holmes, Traffic Engineering
Christa Jordan, Planning
Edward Kinney, Parks and Rec
Clint Link, Engineering
Nicole McAden, Greenlink/GAT
Mike Murphy, Engineering
Nathalie Schmidt, Planning
Gary Shepard, Greenlink/GTA

GREENVILLE COUNTY SCHOOL DISTRICT

Skip Limbaker, Planning

CITY OF GREER

Steve Grant, Engineering
Kelli McCormick, Planning and Zoning

CITY OF LIBERTY

Shirley Hughes, Administrator
Brian Petersen, Mayor

CITY OF MAULDIN

David Dyrhaug, Planning
Brandon Madden, Administrator

TOWN OF PENDLETON

Tony Cirelli, Planning

CITY OF PICKENS

David Poulson, Administrator

CITY OF SIMPSONVILLE

Dianna Gracely, Administrator
Jason Knudsen, Planning

CITY OF TRAVELERS REST

Patrea St. John, Planning
Eric Vinson, Administrator

TOWN OF WEST PELZER

Blake Sanders, Mayor

APPALACHIAN COUNCIL OF GOVTS

Chip Bentley, Planning
Lance Estep, Planning
Steve Pelissier, Director

SCDOT

Christie Hall,
Secretary of Transportation
David Burgess, Transit
Doug Frate, Transit
Brian Fulmer, Planning
Erica Hailey, Engineering
Mike Holden, Engineering
Stephanie Jackson-Amell,
Administration
Kenny Larimore, Planning
Christina Lewis, Planning
Casey Lucas, Engineering
Johnny Mmanu-ike, Planning
Craig Nelson, Engineering
Penny Phillips, Engineering
Mike Sullivan, Planning

FEDERAL HIGHWAY ADMINISTRATION

Brandon Buckner, Planning
Jessica Hekter, Planning
Dan Hinton, Planning
Yolanda Morris, Planning

INTRODUCTION

TABLE 2: TRANSIT COORDINATING COMMITTEE MEMBERS

Asangwua Ikein, GPATS Transit Planning
Jason Knudsen, Clemson University Planning
Heather Lollis, CAT Grants Manager
Brian Maleck, Parking and Transportation Services
Katerina Moreland, Clemson University Campus Transportation Planning
Rhonda Sloan, Anderson County Transportation Planning
Todd Steadman, City of Clemson Planning
Nicole McAden, GTA Marketing & Program Specialist

TABLE 3: BICYCLE AND PEDESTRIAN AND COORDINATING COMMITTEE MEMBERS

Todd Steadman, City of Clemson Planning
Jon Caime, Laurens County Administrator
Hesha Gamble, Greenville County Engineering
Lance Estep, Appalachian Council of Governments Transportation Planning
Patea St. John, City of Travelers Rest Planning
Nicole McAden, GTA Marketing & Program Specialist
David Dyrhaug, City of Mauldin Planning
Brennan Hansley, GPATS Transportation Planning

INTRODUCTION

TABLE 4: GPATS POLICY COMMITTEE MEMBERS

GPATS Policy Committee

Representation	Name
Greenville County Council	Butch Kirven, Chairman
Greenville Legislative Delegation	Sen. Karl B. Allen
Greenville Legislative Delegation	Rep. Dwight Loftis
Greenville Legislative Delegation	Rep. Mike Burns
Greenville Legislative Delegation	Rep. Dan Hamilton
Greenville Legislative Delegation	Rep. Garry Smith
Greenville County Council	Liz Seman
Greenville County Council	Xanthe Norris
Greenville County Council	Dan Tripp
Greenville County Council	Willis Meadows
Mayor of Greenville	Knox White
Mayor of Greer	Rick Danner
Mayor of Simpsonville, Pro Tem	Janice Curtis
Mayor of Mauldin	Dennis Raines
Mayor of Travelers Rest	Brandy Amidon
Mayor of Fountain Inn	Sam Lee
Pickens Legislative Delegation	Sen. Rex Rice, Vice Chair
Pickens Legislative Delegation	Rep. Neal Collins
Pickens County Council	Roy Costner
Pickens County Council	Carl Hudson
Anderson Legislative Delegation	Sen. Richard Cash
Anderson County Council	Jimmy Davis
Mayor of Easley	Larry Bagwell
Mayor of Pickens	David Owens
Mayor of Liberty	Brian Petersen
Mayor of Clemson	J.C. Cook
Mayor of Williamston	Mack Durham
SCDOT Commissioner -- District 3	Ben Davis
SCDOT Commissioner -- District 4	Woody Williard
Greenville Transit Authority Chair	George Campbell
Ex Officio Members	
Greenville Planning Commission Chair	Jay Rogers
GPATS Executive Secretary	Keith Brockington
Greenville GLDTC Chair	Paul F. Hughes
Pickens Planning Commission	Bill Cato
Pickens CTC Chair	Duane Greene
Anderson County LDTC Chair	Ronald Townsend
Anderson County Planning Commission	David Cothran

INTRODUCTION

UNIFIED PLANNING WORK PROGRAM DEVELOPMENT

The Policy Committee, with input from the Transit Coordinating Committee and Study Team, annually revises and adopts the Unified Planning Work Program (UPWP) to comply with federal regulations.

The FY 2020-2021 UPWP describes: (1) the MPO's planning goals and activities; (2) provides cost estimates for each activity; (3) identifies funding sources; and (4) outlines a work schedule for the period July 1, 2019 through June 30, 2021. The document is organized into four major sections entitled:

Part I: Program Administration

Part II: Public Involvement Process

Part III: Systems Management & Monitoring

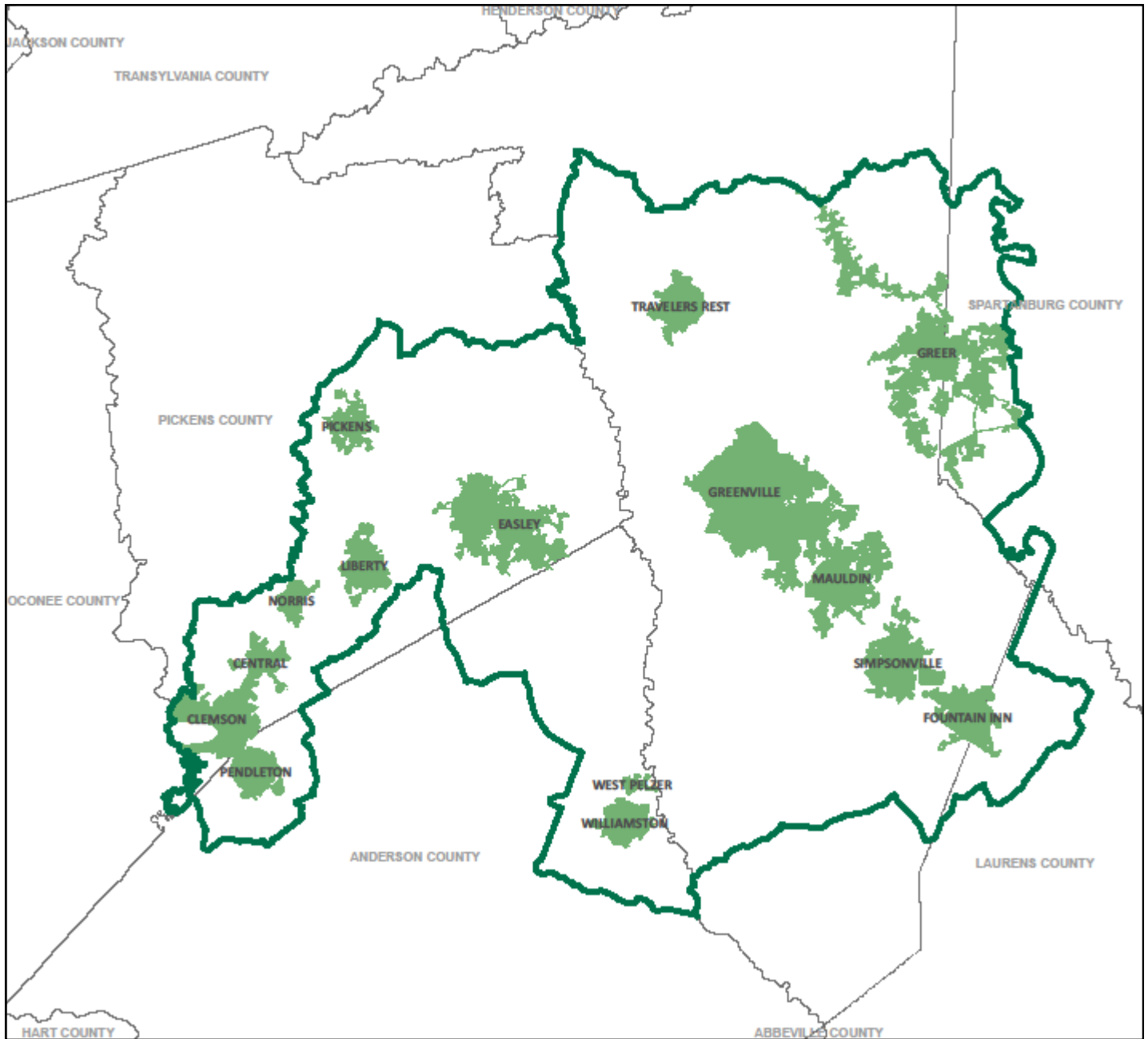
Part IV: Transportation Plans & Studies

The four sections of the UPWP include information on the parties responsible for carrying out planning activities. Defined activities are mostly geared toward the preparation and development of the Transportation Improvement Program (TIP) and lead to the development and adoption of the Long Range Transportation Plan (LRTP). Public involvement is an integral part of this planning process and is a core feature of numerous planning activities throughout the UPWP. GPATS will continue to assess the planning functions carried out through the MPO's Work Program and comply with recommendations as directed within the Planning Certification Review conducted every four years by the U.S. Department of Transportation.

The MPO receives funding from two (2) U.S. Department of Transportation (US DOT) sources: Federal Highway Administration (FHWA) planning (PL) funds are used for MPO planning; and Federal Transit Administration (FTA) provides 5303 funds for metropolitan planning. South Carolina Department of Transportation combines the monies into a consolidated grant to administer to the MPO. These are distributed contractually under an 80-20% grant split, of which the Federal government pays 80%, and 20% is matched (15% Greenville County and 5% Pickens County).

INTRODUCTION

FIGURE 2: GPATS STUDY AREA



PROGRAM ADMINISTRATION

PURPOSE

To coordinate and conduct the transportation planning activities of the Metropolitan Planning Organization (MPO) in compliance with all federal, state, and local laws regulations and requirements. This includes managing the basic operations of the MPO program through the following elements listed below.

101- Study Coordination

The MPO, which is staffed by the Greenville County Planning Department, is responsible for the direction and coordination of transportation planning activities per the PL contract for the GPATS Area.

102- Unified Planning Work Program

The UPWP provides a schedule of MPO planning activities including budgetary information and coordination with MPO committees and intergovernmental entities and the public.

103- Staff Education

Staff planners may attend transportation-related training courses, workshops, and other related seminars as approved by the SCDOT.

104- Computer System Acquisition and Traffic Data Collection

The acquisition of hardware/software to assist with analysis of the transportation systems or other associated office equipment for MPO planning.

PROGRAM ADMINISTRATION

TASK 101: STUDY COORDINATION FY 2020 & 2021

Sub-element 101.1 Fiscal Management and MPO Administration

OBJECTIVE: To coordinate and conduct the transportation planning activities of the Metropolitan Planning Organization (MPO) in compliance with all federal, state, and local laws, regulations and requirements.

PREVIOUS WORK: Completed Quarterly Reports and Annual Performance Report. Held quarterly meetings with MPO committees.

PROJECT DESCRIPTION: Maintain proper records as required under the PL contract or FTA contract and preparation of budgets, financial records, reimbursement requests and an annual performance report. Coordinate MPO committee meetings and planning efforts.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Preparation of budget, financial record, reimbursement requests	MPO Budget	June 2019	June 2020
GPATS	Maintain proper records	Annual Performance Report	June 2019	June 2020
GPATS	Quarterly Reports to SCDOT	Quarterly Reports with invoices and written status reports	July 2019; October 2019; January 2020; April 2020	July 2020; October 2020; January 2021; April 2021
GPATS	Organize and hold quarterly meetings of GPATS Study Team and Policy Committee	Quarterly Meetings	August 2019; January 2019; March 2020; June 2020	September 2020; January 2020; March 2021; June 2021
GPATS	Develop performance story	Educate Policy Committee about Perf. Measures	June 2020	June 2021

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$40,000	\$40,000
Local Match	\$10,000	\$10,000
TOTAL	\$50,000	\$50,000

PROGRAM ADMINISTRATION

TASK 102: UNIFIED PLANNING WORK PROGRAM (UPWP) FY 2020 & 2021

OBJECTIVE: Administer the active UPWP

PREVIOUS WORK: FY 2018-2019 Unified Planning Work Program

PROJECT DESCRIPTION: The UPWP is a two-year document that includes a brief description of tasks, work products, responsible agencies, and identifies the funding sources to accomplish planning efforts. The draft 2020-21 UPWP is reviewed by SCDOT/FHWA/ FTA. The Final UPWP will be reviewed by the Study Team which then recommends it to the Policy Committee for adoption in June. The final UPWP is forwarded to SCDOT for a subsequent review and approval. The draft is advertised for public comment for 15 days to encourage public engagement.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Provide adopted FY 2020-21 Unified Planning Work Program	FY 2020-2021 UPWP Document		June 2019
GPATS	Provide support and supervision needed to administer the plans and programs identified	Staff support and supervision; serve on Steering Committees for plans/studies funded through Carryover monies	Ongoing	
GPATS	Layer Performance Measures Activities into UPWP	Work program items related to performance measures	June 2017	June 2019

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2021-June 30,2022	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$45,000	\$45,000
Local Match	\$11,250	\$11,250
TOTAL	\$56,250	\$56,250

PROGRAM ADMINISTRATION

TASK 103: STAFF EDUCATION

Sub-element 103.1 Continued Education and Technical Training **FY 2020 & 2021**

OBJECTIVE: Develop MPO staff knowledge of transportation planning procedures through relevant workshops, conferences, and seminars.

PREVIOUS WORK: Staff has attended various workshops and training for various transportation planning processes

PROJECT DESCRIPTION: To enhance transportation planning techniques that will enable the MPO to effectively carry out the planning process in the Greenville-Pickens Urbanized Area. Concurrence from SCDOT/FHWA will be facilitated as necessary.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Relevant training for staff, including performance measures	Annual and Quarterly statewide MPO/COG, including discussions of performance measures; Quarterly SCAPA meetings, etc.	Ongoing	Ongoing
GPATS	Relevant training for staff	National AMPO Conference	TBD	TBD
GPATS	Relevant training for staff	National APA Conference		May 2019
GPATS	Host webinars that offer continuing education credits	APBP Webinars at Greenville County—Open to Public	TBD	TBD
GPATS	Safety (or bridge, pavement, or congestion) workshop (hosted by SCDOT, etc)	Staff education and assistance with developing targets/goals for Perf. Meas.	Ongoing	Ongoing

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2021-June 30,2022	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$45,000	\$45,000
Local Match	\$11,250	\$11,250
TOTAL	\$56,250	\$56,250

PROGRAM ADMINISTRATION

TASK 104: COMPUTER SYSTEM ACQUISITION FY 2020 & 2021

Sub-element 104.1 Maintenance of Computer Files and Software

OBJECTIVE: Acquire relevant computer systems and software for the transportation planning process, and train staff as needed.

PREVIOUS WORK: GPATS purchased TransCAD and PETRA software for turning movements and intersection analysis.

PROJECT DESCRIPTION: This element allows the GCPD to purchase computer systems and software and other office equipment as needed. Also regulates Intelligent Transportation Systems (FHWA rule 940 regarding ITS) and GIS activities specifically related to the MPO planning process.

TRANSPORTATION RELATED PLANNING ACTIVITIES					
ORGANIZATION	ACTIVITIES	PRODUCT	Regional Importance	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Review hardware and software needs of MPO	If needed, purchase computer systems and software and other office equipment as needed		As needed	As needed
GPATS	Regulate Intelligent Transportation Systems (FHWA rule 940 regarding ITS) and GIS activities related to MPO planning process	N/A		Ongoing	Ongoing
GPATS	Procure consultant to create interactive mapping software for public input on projects	Interactive mapping software		Summer 2019	Maintenance as needed
GPATS	Website upgrades/changes	Spanish translation element to website		Summer/Fall 2019	Maintenance as needed

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$52,000	\$52,000
Local Match	\$13,001	\$13,001
TOTAL	\$65,005	\$65,005

PUBLIC INVOLVEMENT PROCESS

PURPOSE

The overall goal of the public involvement program is to continue to expand the opportunities for public input and education regarding the transportation planning and decision-making process. GPATS will continue to implement and improve on the Public Participation Plan, which outlines a framework from which the public becomes actively engaged in the transportation decision-making process. The MPO shall ensure plans will address environmental impacts or mitigation activities involving conservation of natural resources, historic preservation, and land-use development activities as well as other provisions necessary to comply with the local, state, or federal regulations, laws, and policies.

201 - Public Involvement Program

To incorporate the requirements per FAST Act, the MPO will proactively reach out to the community and encourage public input (through a myriad of approaches) in the planning process. To encourage minority, low-income, elderly, and handicapped persons to provide meaningful input in the decision-making process. GPATS is also planning on translating major documents into Spanish as well as having a Spanish language option on the website.

PUBLIC INVOLVEMENT PROCESS

TASK 201: PUBLIC INVOLVEMENT PROGRAM FY 2020 & 2021

Sub-element 201.1 Participation Plan and Community Outreach

OBJECTIVE: To continue developing and bettering the Public Participation Plan that outlines the goals of the MPO and opportunities for meaningful input from a variety of stakeholders. To use the website and other means to engage the public for input

PREVIOUS WORK: Partook in numerous activities to engage the public during the 2016 – 2017 LRTP update. These efforts included a large kickoff meeting with over 100 people in attendance, 19 sub-regional public meetings, three focus groups, numerous surveys including one statistically valid survey, and radio and television broadcasts. Generated regular GPATS social media content. Provided a digital sign-in sheet on the GPATS website and Facebook page for the GPATS email list. Sent out GPATS emails to the public, Study Team, Policy Committee and Informational Attendees as needed.

PROJECT DESCRIPTION: To effectively obtain input concerning the MPO planning process through a framework encouraging public participation.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Provide easy access to MPO information and materials to elected officials and the public via the internet	Maintenance of the GPATS website, www.gpats.org ; use of social media for real-time updates	Ongoing	Ongoing
GPATS	Spanish translation of major documents	Documents and population engagement materials translated into Spanish	Ongoing	Ongoing
GPATS	Spanish translation of website	GPATS website with a Spanish translation option	No Deadline	No Deadline
GPATS	Interactive mapping software	Public input and display of information through interactive mapping	Winter 2019	Ongoing

PUBLIC INVOLVEMENT PROCESS

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$60,000	\$60,000
Local Match	\$15,000	\$15,000
TOTAL	\$75,000	\$75,000

SYSTEMS MANAGEMENT AND COOPERATION

PURPOSE

Maintain databases used in the modeling process and other transportation related information to assess the systems deficiencies. Utilize software and other planning techniques to monitor systems performance and develop strategic improvements to improve traffic operations or other transportation related safety needs of the community.

301-Transportation Systems Management

This element will incorporate the various ITS data, and compile information into a GIS platform to assess the transportation system and work collaboratively with state, county and local officials to develop strategies and plans to improve efficiency and safety of the transportation system.

302-Short Range Planning

This element will provide coordination with Greenville County Engineering with respect to traffic calming and data collection (traffic counts or other related needs), Traffic Impact Studies for zoning or land use proposals and collaboration with other municipal entities with respect to transportation issues associated with ordinances, Transportation Alternatives Program grants or other programs.

303-Transit & Multi Modal Planning

This element will provide Consolidated Planning Funds to GTA (Greenlink) and Clemson Area Transit for operations and administration of transit planning activities related to National Transit Data (NTD) Reporting of alighting/boarding surveys, Title VI and DBE Planning, marketing and customer service, maintenance and administrative related activities, and route structure and transit shelter planning needs. GTA and CAT will use 5303 funds for Planning and Administration; 5307 for capital and operating expenses. GPATS will also be the Direct Recipient for 5310 and 5339 FTA funds.

SYSTEMS MANAGEMENT AND COOPERATION

TASK 301: SYSTEMS MANAGEMENT AND COORDINATION FY 2020 & FY 2021

Sub-element 301.1 System Performance and Safety Planning

OBJECTIVE: Collect traffic data and develop strategies to increase the efficiency and safety of the transportation infrastructure.

PREVIOUS WORK: Compiling data sources from various agencies to integrate into GIS to identify deficiencies and develop interim plans to improve the transportation system.

PROJECT DESCRIPTION: To enhance transportation planning techniques that will enable the MPO to effectively carry out the planning process in the Greenville-Pickens urbanized area. This will provide program support for projects within the TIP and LRTP. To incorporate travel demand management and other strategies to improve system efficiency into MPO plans. Staff will coordinate the Safe Routes to School program and other safety-related planning within the urbanized area.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Develop and maintain data collection to assist in implementing the LRTP and TIP as well as other planning documents of the MPO.	Annual updated traffic counts (work with GC GIS Dept. and SCDOT) on www.gcgis.org and www.gpats.org; Crash data maintenance (work with Dept. of Public Safety); Other related data collection/maintenance	Ongoing	Ongoing
GPATS	Work with SCDOT to develop data formats that will inform performance measures/target/goals	Data to assist in creation and identification of PM targets and a way to monitor those targets achieved	Ongoing	Ongoing

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$40,000	\$40,000
Local Match	\$10,000	\$10,000
TOTAL	\$50,000	\$50,000

SYSTEMS MANAGEMENT AND COOPERATION

TASK 302: TRANSPORTATION SYSTEMS MANAGEMENT FY 2020 & FY 2021

Sub-element 302.1 Short Range Planning

OBJECTIVE: To provide transportation planning assistance for local governments, Planning Commission, County Council, and other local units of government.

PREVIOUS WORK: Staff provides traffic assessment related to reviews of subdivisions plats or zoning cases, and other municipalities' transportation planning assistance.

PROJECT DESCRIPTION: To provide transportation planning assistance to urbanized area municipal governments and carry out the planning process in the Greenville-Pickens Urbanized Area. This will provide program support for projects within the TIP and LRTP. To assist in land-use recommendations and traffic impact analysis as well as other transportation programs.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Provide MPO based insight to local jurisdictions in regards to transportation projects or decisions	Provide travel model data, traffic counts, funding availability and options, along with other information as needed to assist local governments in their transportation planning efforts.	As needed	As needed
GPATS	Attend monthly County Transportation Committee (CTC) meetings	Technical review and assistance	Ongoing	Ongoing
GPATS	Reach out to each GPATS jurisdiction twice per year to coordinate on planning needs	Coordination, understanding, and aligned goals between GPATS and member jurisdictions	October 2019; May 2020	October 2020; May 2021

SYSTEMS MANAGEMENT AND COOPERATION

TASK 302: TRANSPORTATION SYSTEMS MANAGEMENT FY 2020 & FY 2021

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2018	AMOUNT FY 2019
Federal (FHWA-PL/FTA-5303)	\$30,000	\$50,000
Local Match	\$7,500	\$12,500
TOTAL	\$37,500	\$62,500

SYSTEMS MANAGEMENT AND COOPERATION

TASK 303: MULTIMODAL PLANNING FY 2020 & 2021

Sub-element 303.1 Transit Planning

OBJECTIVE: To provide transit planning funds to GTA/Greenlink and Clemson Area Transit (CAT) to carry out administration and operational planning. Administer 5310 and 5339 FTA funds to GTA and CAT.

PREVIOUS WORK: Greenlink Comprehensive Operations Analysis (COA) 2017, Catbus Reimagining Study 2017, and Greenlink 2020 - 2024 Transit Development Plan (TDP) 2018

PROJECT DESCRIPTION: To continue to work with Greenlink and Clemson Area Transit on implementation of the long term plans, operations, maintenance and other related transit planning activities, and to assist both agencies in their collaboration. GPATS will be the direct recipient for 5310 and 5339 funds and will administer them to GTA and CAT.

PRODUCT: Planning and administration assistance to continue implementation of the 2010 Transit Vision and Master Plan, including expanded service areas (*ongoing*); training and conference attendance (*ongoing*); NTD Annual Report (*June 2015*); Transit Development Plan (*June 2015*); Relocation Feasibility Study Phase II (*June 2014*) System Safety and Security Plan (*June 2014*); operational analysis (*June 2014*); Expansion Feasibility Study (*June 2014*); NTD Cost Efficiency Plan (*June 2014*), Greenlink Comprehensive Operations Analysis (COA) (August 2017), CATbus Re-imagining Study (May 2017), Greenlink 2020 - 20204 Transit Development Plan (TDP) (April 2018).

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS, GTA (Greenlink), and CAT (Clemson Area Transit)	*See following task lists from transit providers	Planning and administration assistance to continue implementation of the COA, TDP, and Re-Imagining Study (<i>ongoing</i>); administer 5310 and 5339 FTA funds	Ongoing	Ongoing

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

SYSTEMS MANAGEMENT AND COOPERATION

TASK 303: MULTIMODAL PLANNING FY 2020 & 2021

Sub-element 303.1 Transit Planning

FUNDING SOURCE	FY 2020 GTA	FY 2021 GTA	FY 2020 CAT	FY 2021 CAT
FHWA/FTA Consolidated PL Funds (Section 5303)	\$80,000	\$80,000	\$80,000	\$80,000
Local Match (GTA-City/CAT/County)	\$20,000	\$20,000	\$20,000	\$20,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000

GTA UPWP Task List for FY 2016

ACTIVITY	POSITION	COST	COMPLETION DATE
Planning activities related to the annual completion of the National Transit Database reports. This data is used to provide cost estimates for potential partners when considering service expansion	Transit Planner	\$12,465.00	6/30/2016
Development of a Comprehensive Route Analysis for Greenlink's ten existing fixed routes	Transit Planner	\$30,125.00	6/30/2016
Development of monthly Service Effectiveness reports that serve as a basis for the Comprehensive Route Analysis	Transit Planner	\$7,942.00	6/30/2016
Management of the Comprehensive Route Analysis for Greenlink's ten existing fixed routes	Manager of Transit Development and Marketing	\$4,674.00	6/30/2016
Management of the Greenlink Maintenance Facility Relocation Plan	Manager of Transit Development and Marketing	\$7,294.00	6/30/2016
Total Project Cost		\$62,500.00	
Total Federal Share (80%)		\$50,000.00	

TRANSPORTATION PLANS AND STUDIES

PURPOSE

Continue to develop and review input and project development for the Transportation Improvement Program (TIP) and the Long Range Transportation Plan (LRTP). To conduct other planning studies and assist in the implementation of local transportation and comprehensive plans as well as the various neighborhood and small-area plans currently being developed.

401-Transportation Improvement Program

The TIP provides a listing of SCDOT as well as local road improvement activities and transit capital projects scheduled over a five-year period and provides specific information on the project location, phases and costs.

402- Long Range Planning

The 2040 LRTP update was approved by Policy Committee in November 2017. This plan details transportation improvements over the next 25 years. These projects were evaluated based on a comprehensive list of criteria.

403- Special Transportation Studies

The MPO continues to provide PL funding to facilitate transportation plans within the region to assist local units of government in developing planning studies as applicable, when the funds are not needed for regional GPATS plans.

TRANSPORTATION PLANS AND STUDIES

TASK 401: TRANSPORTATION IMPROVEMENT PROGRAM FY 2020 & 2021

Sub-element 401.1 Project Development and Program Administration

OBJECTIVE: Implementation of the current FY 2018-2023 TIP through the transportation planning structure and process.

PREVIOUS WORK: Adoption of the Fiscal Year 2018-2023 TIP and implementation of amendments.

PROJECT DESCRIPTION: Development/Implementation of a staged six-year short range TIP produced through a collaborative process between the MPO (and associated committees), SCDOT, FHWA, and the public, that is fiscally constrained using federal, state, and local funds. GPATS staff processes amendments as needed.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2016 DEADLINE	FY 2017 DEADLINE
GPATS, SCDOT, GTA (Greenlink), and CAT (Clemson Area Transit)	Develop/Maintain/Amend the approved six-year TIP document; meet with committees, SCDOT, and the public to develop TIP projects within the area; include Perf. Measures goals/targets	The approved FY 2018-2023 TIP (June 2017); Coordination with Statewide TIP and updates/amendments as needed	Ongoing and As needed, through June 2018	Ongoing and As needed, through June 2019
GPATS, SCDOT	Implementation of TIP, development of projects; incorporate MPO Perf. Measures targets once Identified	Coordination with the STIP, set Performance Measures targets, and physical implementation of projects	Ongoing	Ongoing
GPATS, SCDOT	Prepare drafts, get comments, and receive approvals for the next TIP	The FY 2020-2025 Draft and Final GPATS TIP		June 2019

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$80,000	\$80,000
Local Match	\$20,000	\$20,000
TOTAL	\$100,000	\$100,000

TRANSPORTATION PLANS AND STUDIES

TASK 402: LONG RANGE PLANNING FY 2020 & 2021

Sub-element 402.1 Long Range Transportation Plan

OBJECTIVE: Produce any amendments to the 2040 LRTP for approval by Policy Committee as needed throughout the year.

PREVIOUS WORK: Policy Committee adopted the 2040 LRTP update in November 2017

PROJECT DESCRIPTION: To work with ACOG, SCDOT, Department of Labor, and the Census Bureau to maintain and update a working travel model and continue to update socioeconomic data for the region. Implement, maintain, and update the current LRTP as needed.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Maintain, and update current LRTP (adopted Nov. 2017) as needed.	Meetings with local units of government to integrate the adopted LRTP	Ongoing	Ongoing
GPATS SCDOT	As part of the FY 2020 – 2025 TIP process, work with SCDOT to determine which LRTP projects will be advanced to the TIP	GPATS FY 2020 – 2023 TIP	Fall 2019	
GPATS	Coordinate and develop Performance Measures, goals, and targets (no later than 6 months after SCDOT sets targets)	Coordinated LRTP with set performance measures	Amendments as needed	Amendments as needed

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2020	AMOUNT FY 2021
Federal (FHWA-PL/FTA-5303)	\$80,000	\$80,000
Local Match	\$20,000	\$20,000
TOTAL	\$100,000	\$100,000

TRANSPORTATION PLANS AND STUDIES

TASK 403: SPECIAL TRANSPORTATION STUDIES FY 2020-2021

OBJECTIVE: Provide special studies funding to local municipalities and counties to further their planning preparation for transportation projects in their jurisdictions.

PREVIOUS WORK: N/A

PROJECT DESCRIPTION: Carryover monies payoff program to local jurisdictions for planning purposes.

TRANSPORTATION RELATED PLANNING ACTIVITIES			
ORGANIZATION	ACTIVITIES	PRODUCT	DEADLINE
City of Greenville	Provide Funding	Downtown Master Plan	N/A
Laurens County	Provide Funding	Hwy 14/ I-385 Corridor Study	N/A
City of Clemson	Provide Funding	Downtown Corridor Study	N/A
Greenville County	Provide Funding	Feasibility Study of Congestion Reduction with ATN	N/A
Greenville Transit Authority	Provide Funding	Transit Development Plan	N/A
City of Mauldin	Provide Funding	Sidewalk Study	N/A
ACOG	Provide Funding	Freight Study	N/A

TARGET START AND END DATES	July 01, 2019-June 30, 2020 and July 01, 2020-June 30,2021	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE*	AMOUNT
Federal (FHWA-PL/FTA-5303)	\$149,312
MATCH	\$37,328
TOTAL	\$186,640

APPENDIX A

GPATS FY 2018 UPWP FUNDING SUMMARY

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	10,000	40,000	50,000
Element 102 Unified Planning Work Program	11,250	45,000	56,250
Element 103 Staff Education	15,000	60,000	75,000
Element 104 Computer System and Equipment	13,001	52,004	65,005
Element 201 Public Involvement Program	15,000	60,000	75,000
Element 301 Systems Performance and Safety Planning	10,000	40,000	50,000
Element 302 Short Range Planning	7,500	30,000	37,500
Element 303 Multi-modal Coordination	40,000 (1)	160,000	200,000
Element 401 Transportation Improvement Program	20,000	80,000	100,000
Element 402 Long Range Planning	20,000	80,000	100,000
TOTALS	161,751	647,004	808,755

Element 403 Special Studies	Local	FHWA PL	Total	PL Balance
Greenville County I-85 Parallel	3,750	15,000 (2)	18,750	15,000
Highway 101 Corridor Feasibility Study	3,125	12,500 (2)	15,625	12,500
Greenway Design in Utility Easement Study	625	2,500 (2)	3,125	2,500
City of Greenville Downtown Master Plan	10,813	43,252 (3)	54,065	43,252
Laurens County Hwy 14/ I-385 Corridor Study	5,263	21,052 (3)	26,315	21,052
City of Clemson Downtown Corridor Study	5,813	23,252 (3)	29,065	23,252
Greenville County Feasibility of Traffic Congestion Reduction using ATN	5,813	25,252 (3)	29,065	25,252
GTA Transit Development Plan	4,813	19,252 (3)	24,065	19,252
City of Mauldin Sidewalk Study	4,313	17,252 (3)	21,565	17,252
Total for PL Carryover-funded projects	44,328	179,312	221,640	179,312

Under agreement the PL Local Match is provided by Greenville and Pickens counties except where indicated otherwise (20%- \$129,978 matched 75% Greenville County/25% Pickens County).

Footnotes: (1) – Matched by GTA/City/County (\$12,500) and CAT/City/County (\$12,500); (2) Allocation was included in FY 2016 UPWP; remaining amount will be invoiced in FY 2018 (3) Allocation was included in FY 2017 UPWP, remaining will be invoiced in FY 2018

APPENDIX A

GPATS FY 2019 UPWP FUNDING SUMMARY

Planning Activities	Local	FHWA PL and	Total
Element 101 Study Coordination	11,431	45,725	57,156
Element 102 Unified Planning Work Program	11,250	45,000	56,250
Element 103 Staff Education	15,000	60,000	75,000
Element 104 Computer System and Equipment	13,750	55,000	68,750
Element 201 Public Involvement Program	15,000	60,000	75,000
Element 301 Systems Performance and Safety Planning	10,000	40,000	50,000
Element 302 Short Range Planning	7,500	30,000	37,500
Element 303 Multi-modal Coordination	40,000(1)	160,000	200,000
Element 401 Transportation Improvement Program	20,000	80,000	100,000
Element 402 Long Range Planning	20,000	80,000	100,000
TOTALS	163,931	655,725	819,656

Element 403 Special Studies	Local	FHWA PL	Total	PL Balance
Greenville County I-85 Parallel	3,750	15,000 (2)	18,750	15,000
Highway 101 Corridor Feasibility Study	3,125	12,500 (2)	15,625	12,500
Greenway Design in Utility Easement Study	625	2,500 (2)	3,125	2,500
City of Greenville Downtown Master Plan	10,813	43,252 (3)	54,056	43,252
Laurens County Hwy 14/ I-385 Corridor Study	5,263	21,052 (3)	26,315	21,052
City of Mauldin Sidewalk Study	4,313	17,252 (3)	21,565	17,252
ACOG Regional Freight Study	TBD	100,000	TBD	TBD
Total for PL Carryover-funded projects	TBD	211,556	TBD	TBD

Under agreement the PL Local Match is provided by Greenville and Pickens counties except where indicated otherwise (20%- \$ matched 75% Greenville County/25% Pickens County).

Footnotes: (1) – Matched by GTA/City/County (\$20,000) and CAT/City of Clemson (\$20,000);
 (2) Allocation was included in FY 2017 or Prior. (3) Allocation was included in FY 2018.

APPENDIX A

GPATS UPWP Work Schedule		
Planning Task	Description of Planning Activities	Milestone Dates
Part 1 Program Administration Element		
101.1	Working with Committees, grant and fiscal reports.	Hold quarterly meetings of GPATS Policy Committee, Study Team, and Citizens Advisory Committee
102.1	Preparation of UPWP, Progress Reports, Programs.	Progress reports to be submitted quarterly in April, July, October, and January; UPWP draft 4/30/2018
103.1	Staff Education & Professional Development Activities.	Ongoing
104.1	Software/hardware and office equipment.	Ongoing
Part 2 Public Involvement Process Element		
201.1	Public notice and advertisements of MPO actions.	Before each Policy Committee meeting, and as needed
	Produce brochures, maps, and other information for public education	As needed
	Update GPATS website content	As needed
Part 3 Systems Management and Coordination Element		
301	Develop and Maintain GIS data and transportation related systems data for planning.	Ongoing
302	Review Traffic Impact studies of zoning cases, coordinate traffic calming and other transportation analysis, assist with enhancement projects.	Monthly (prior to each Zoning Team meeting)
303	Provide Planning assistance to GTA (Greenlink) and Clemson Area Transit (CAT) to conduct NTD reporting, and other FTA reviews and grant requirements. Assist in the implementation of Transit Vision and Master Plan and other transit planning activities. Administer 5310 and 5339 FTA grants to GTA and CAT	Ongoing
Part 4 Transportation Plans and Studies Element		
401	Develop and amend TIP to include all highway and transit projects. Assist in the review of Advanced Project Planning Reviews and associated project development.	Ongoing/as needed
402	Coordinate implementation and maintenance of LRTP	Ongoing/as needed
403	Assist with the continuation of PL Carryover-funded studies from previous fiscal years. Provide data as needed and sit on steering committees for each project. Assist with new studies.	July 1, 2019 to June 30, 2021

APPENDIX A

FY 2018-2019 UPWP Task and Planning Elements Matrix to Required Planning Factor						
Planning Factor	101-104	201	301-303	401	402	403
Support the economic vitality of the Urbanized Area	5	3	3	5	5	5
Increase safety of the transportation system for motorized and non-motorized users	0	3	5	5	5	5
Increase security of the transportation system	0	0	3	3	3	0
Increase accessibility and mobility options for people and freight	0	5	5	5	5	5
Protect and enhance the environment, promote energy conservation, and improve quality of life	0	3	5	5	5	5
Enhance integration and connectivity of the transportation system, across modes, for people and freight	5	5	5	5	5	5
Promote efficient system management and operation	3	0	5	5	5	3
Emphasize preservation of the existing transportation system	3	3	5	5	5	5

Legend:

5 = Very Relevant

3 = Somewhat Relevant

0 = Not Relevant