

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



Adopted by Policy Committee June 3, 2019

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

PREFACE

Status of Current Planning Activities	4
Planning Priorities	6

INTRODUCTION

Organization and Planning Structure.....	8
Unified Planning Work Program Development.....	13

PROGRAM ADMINISTRATION

Task 101 Study Coordination

Sub-element 101.1 Fiscal Management and MPO Administration	16
--	----

Task 102 Unified Planning Work Program

Sub-element 102.1 UPWP Development and Committee/Public Involvement.....	17
--	----

Task 103 Staff Education

Sub-element 103.1 Continued Education and Technical Training.....	18
---	----

Task 104 Computer System Acquisition

Sub-element 104.1 Maintenance of Computer and Transportation Software.....	19
--	----

PUBLIC INVOLVEMENT PROCESS

Task 201 Public Involvement Program

Sub-element 201.1 Participation Plan and Community Outreach.....	22
--	----

SYSTEMS MANAGEMENT AND COORDINATION

Task 301 Systems Management and Coordination

Sub-element 301.1 Systems Performance and Safety Planning.....	25
--	----

Task 302 Transportation Systems Management

Sub-element 302.1 Short Range Planning.....	26
---	----

Task 303 Multimodal Planning

Sub-element 303.1 Transit Planning.....	28
---	----

TABLE OF CONTENTS

TRANSPORTATION PLANS AND STUDIES

Task 401 Transportation Improvement Program

Sub-element 401.1 Project Development and Program Administration32

Task 402 Long Range Planning

Sub-element 402.1 Long Range Transportation Plan33

Task 403 Special Transportation Studies.....35

APPENDIX A

GPATS UPWP FY 2020 Funding Summary.....36

GPATS UPWP FY 2021 Funding Summary.....37

GPATS UPWP Work Schedule.....38

Matrix of Planning Factors and UPWP Work Elements.....39

APPENDIX B

Annual Planning Certification.....40

Procurement and Planning Study Requirements.....41

Approval Letter from GPATS.....42

Approval Letter from FTA and FHWA.....43

LIST OF FIGURES

Figure 1: Planning Structure..... 9

Figure 2: GPATS Study Area.....14

LIST OF TABLES

Table 1: GPATS Study Team Members.....10

Table 2: GPATS Transit Coordinating Committee.....11

Table 3: GPATS Bicycle and Pedestrian and Coordinating Committee Members.....11

Table 4: GPATS Policy Committee Members.....12

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, 2021.

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 2019 were focused on the initial implementation of the Horizon2040 Long Range Transportation Plan (LRTP) and working with planners to assist with land use and transportation components of neighborhood, corridor, and area plans and comprehensive planning efforts, providing technical assistance to the counties and municipalities within the GPATS area.

Staff time was devoted to public involvement activities, including agency and stakeholder meetings, and various social media outreach campaigns throughout the GPATS area and presenting information to elected officials, the GPATS Policy Coordinating Committee, Study Team, and Transit/Bike-Ped Coordinating Committees. The results of the Horizon2040 LRTP continued to require significant technical work, and the new Federal Performance Measures have been implemented and continue to be updated as needed.

The staff has continued coordinating with the Greenville Transit Authority (d.b.a Greenlink) and CAT (Clemson Area Transit) to provide planning support as the Designated Recipient of FTA 5307, 5339 and 5303 funding. 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 funds and allocated funding to GTA/Greenlink and CAT.

PREFACE

GPATS has changed aspects of the Transportation Alternatives Program document/ranking criteria to increase efficiency. Applications have been received for the newest TAP cycle and will be voted on in May, 2019. The chosen application will be submitted to SCDOT for final review by the SCDOT commission. GPATS continues to work with applicants and SCDOT on active applications.

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 (TAM), Infrastructure Condition, System Reliability and Freight Reliability. GPATS will be adopting new TAM targets for the region's transit agencies in May, 2019.

GPATS intends to use current PL 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. GPATS Staff continues to work with previous carryover funding awardees on active studies.

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 2020-2021 FISCAL YEARS

- Continue to work with the municipalities and counties of GPATS 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; Pickens United, and other partners.
- Work with GTA/Greenlink and Clemson Area Transit System (CATS) as the Designated Recipient for Federal Transit Administration apportioned 5307, 5339, and 5303 FTA funds and as the Direct Recipient for 5310 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.
- Continued implementation of the Horizon2040 Long-Range Transportation Plan by means of GPATS Policy decisions and development/implementation of the 2020 - 2025 Transportation Improvement Program.
- Continue incorporating performance measures into work program items.
- Development and implementation of the new GPATS Interactive Mapping Tool, to serve as a “one-stop” resource for transportation planning and a jurisdictional data clearinghouse for Regional Coordination.
- Coordination with ACOG, SPATS and ANATS on regional studies and travel demand modeling.
- Attendance of GPATS to appropriate regional and national conferences and meetings, representing the region and presenting when feasible.
- Development and execution of GPATS Transportation Alternatives Program projects.
- Development and execution of GPATS UPWP Element 403 Special Studies.

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 MAP-21 and SAFETEA-LU, the previous transportation legislations:

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
9. Improve resiliency and reliability of the transportation systems.
10. Enhance the travel and tourism experience throughout the region.

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.

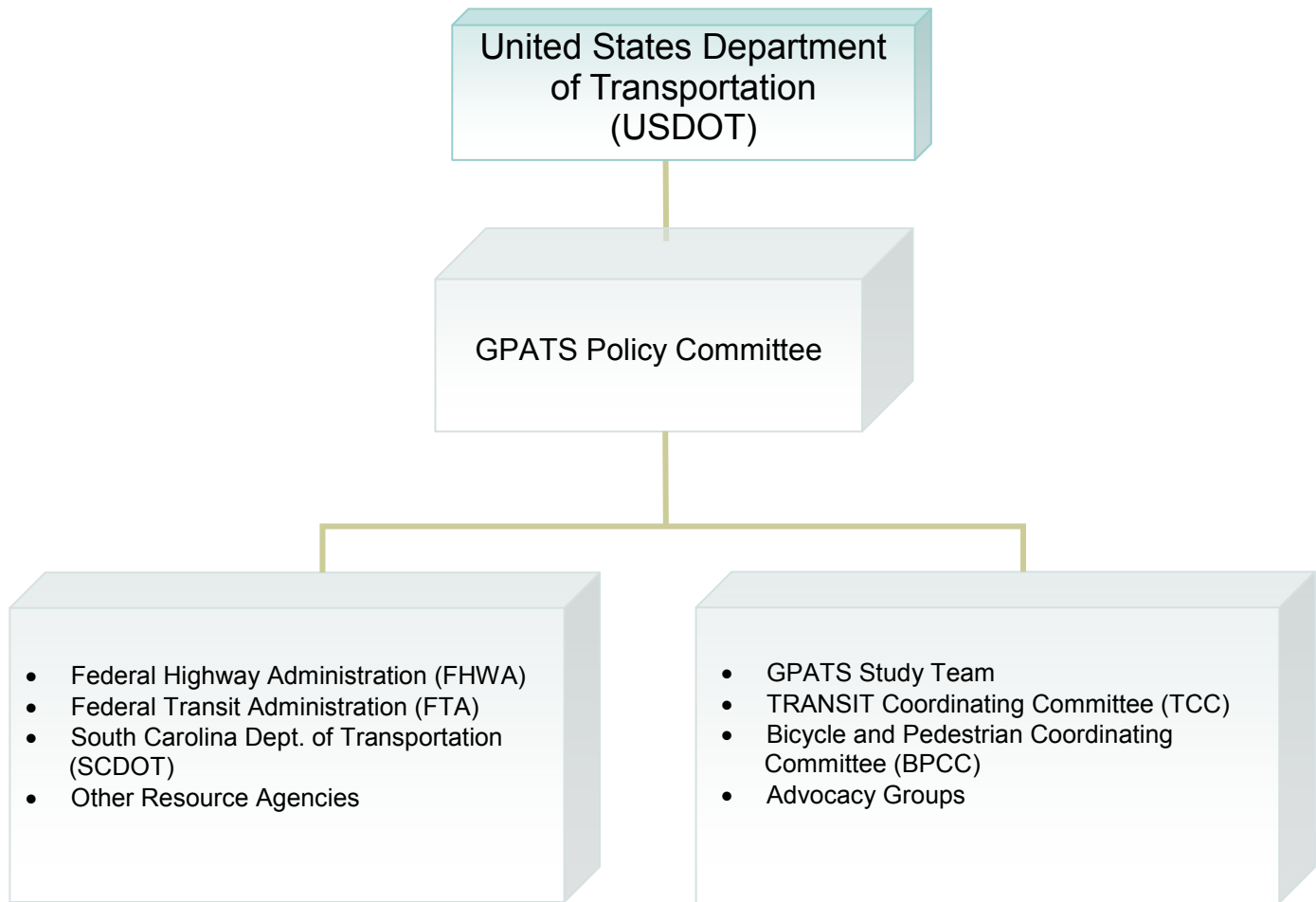
The Policy Committee is a forum for cooperative decision-making by elected and appointed officials of the local governments and transportation providers. The Policy Committee also is responsible for taking into consideration the recommendations from the Study Team when adopting plans or setting policy. 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
Brennan Groel, Planning
Helen Hahn, Admin. Coordinator
Asangwua Ikein, Planning
Denise Montgomery, Admin. Asst.

GREENVILLE COUNTY

Hesha Gamble, Engineering
Paula Gucker, Public Works
Sarah Holt, Planning
Ty Houck, Rec Dept
Rashida Jeffers-Campbell, Sub-Division
Kurt Walters, Engineering
Judy Wortkoetter, Land Development

ANDERSON COUNTY

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

LAURENS COUNTY

Jon Caime, Administration
Dale Satterfield, Director of PW

PICKENS COUNTY

Chris Brink, Planning
Rodney Robinson, Engineering

CITY OF CLEMSON

Kent Guthrie, Engineering
Heather Lollis, CAT
Sammy Grant, CAT
Todd Steadman, Planning

CLEMSON UNIVERSITY

Peter Knudsen, Planning
Katerina Moreland, Planning

CITY OF EASLEY

Stephen Steese, Administration

CITY OF FOUNTAIN INN

Shawn Bell, Administrator
Gregory Gordos, Planning

CITY OF GREENVILLE

Dwayne Cooper, Engineering
Jonathan Graham, Planning
Valerie Holmes, Traffic Engineering
Edward Kinney, Parks and Rec
Clint Link, Engineering
Mike Murphy, Engineering

GREENVILLE COUNTY SCHOOL DISTRICT

Skip Limbaker, Planning

CITY OF GREER

Steve Grant, Engineering
Brandon McMahan, Planning

CITY OF LIBERTY

Bruce Evilsizor, Administrator
Brian Petersen, Mayor

CITY OF MAULDIN

David Dyrhaug, Planning
Brandon Madden, Administrator

TOWN OF PENDLETON

Tony Cirelli, Planning

CITY OF PICKENS

Phillip Trotter, Administrator (Interim)

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
Doug Frate, Transit
Brian Fulmer, Planning
Erica Hailey, Engineering
Stephanie Jackson-Amell,
Administration
Diane Lackey, Intermodal &
Freight
Kenny Larimore, Planning
Christina Lewis, Planning
Casey Lucas, Engineering
Crystal McCutcher, Planning
Renee Miller-Cotton, Regional
Manager
Johnny Mmanu-ike, Planning
Craig Nelson, Engineering
Machael Peterson, Planning
Chief
Penny Phillips, Engineering
Brandon Wilson, Engineering

FEDERAL HIGHWAY ADMINISTRATION

Jessica Hekter, Planning
Yolanda Morris, Planning
Mark Pleasant, Planning

GREENLINK

James Keel, Director
Nicole McAden, Marketing &
Program Specialist
Kayleigh Sullivan, Transit
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
Nicole McAden, GTA Marketing & Program Specialist
Katerina Moreland, Clemson University Campus Transportation Planning
Rhonda Sloan, Anderson County Transportation Planning
Todd Steadman, City of Clemson Planning

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	Sen. Dwight Loftis
Greenville Legislative Delegation	Rep. Mike Burns
Greenville Legislative Delegation	Sen. Ross Turner
Greenville Legislative Delegation	Rep. Garry Smith
Greenville County Council	Willis Meadows
Greenville County Council	Xanthene Norris
Greenville County Council	Liz Seman
Greenville County Council	Dan Tripp
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
SCDOT Commissioner -- District 3	Ben Davis
SCDOT Commissioner -- District 4	Woody Willard
Mayor of Clemson	J.C. Cook
Mayor of Easley	Butch Womack
Mayor of Fountain Inn	G.P. McLeer
Mayor of Greenville	Knox White
Mayor of Greer	Rick Danner
Mayor of Liberty	Brian Petersen
Mayor of Mauldin	Terry Merritt
Mayor of Pickens	Perry Fletcher
Mayor of Simpsonville	Paul Shewmaker
Mayor of Travelers Rest	Brandy Amidon
Mayor of Williamston	Mack Durham
Greenville Transit Authority Chair	Dick O'Neill
Ex Officio Members	
Greenville Planning Commission Chair	Jay Rogers
GPATS Executive Secretary	Keith Brockington
Greenville GLDTC Chair	Ruth Sherlock
Pickens Planning Commission	Bill Cato
Pickens CTC Chair	Duane Greene
Anderson County LDTTC 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

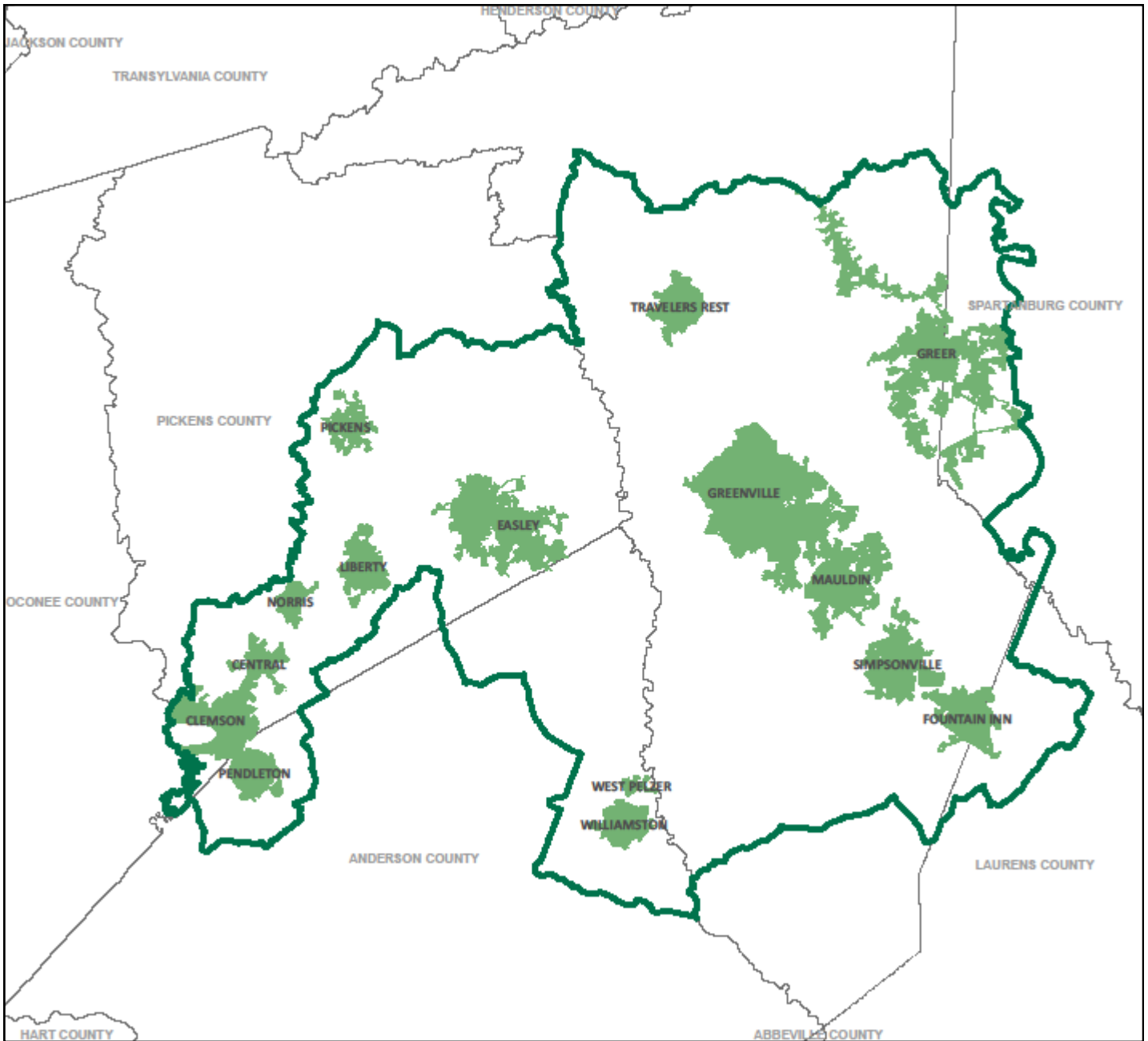
Part IV: Transportation Plans & Studies

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	Regional Importance	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Preparation of budget, financial record, reimbursement requests	MPO Budget	Regional Coordination	June 2020	June 2021
GPATS	Maintain proper records	Annual Performance Report	Regional Coordination	June 2020	June 2021
GPATS	Quarterly Reports to SCDOT	Quarterly Reports with invoices and written status reports	Regional Coordination State Compliance	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 Adopted Action Items	Regional Coordination, information. Continuation of GPATS Projects	August 2019; October 2019; February 2020; May 2020	August 2020; October 2020; February 2021; May 2021
GPATS	Develop Performance Story	Adoption of Performance Measures	Federal Compliance	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)	\$47,769	\$50,678
Local Match	\$11,942	\$12,670
TOTAL	\$59,711	\$63,348

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 21 days to encourage public engagement.

TRANSPORTATION RELATED PLANNING ACTIVITIES					
ORGANIZATION	ACTIVITIES	PRODUCT	REGIONAL IMPORTANCE	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Provide adopted FY 2020-21 Unified Planning Work Program, amend and ratify FY2021 Financials	FY 2020-2021 UPWP Document FY2021 Ratification	Federal Compliance	June 2019	June 2020
GPATS	Provide support and supervision needed to administer the plans and programs identified	Regional and Local planning documents. Coordinated policies.	Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS	Layer Performance Measures Activities into UPWP	L RTP and TIP Amendment Items	Federal Compliance	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)	\$50,000	\$50,000
Local Match	\$12,500	\$12,500
TOTAL	\$62,500	\$62,500

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	Regional Importance	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.	Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS	Relevant training for staff	National AMPO Conference	National Exposure, concepts	October 2020	TBD
GPATS	Relevant training for staff	National APA Conference	National Exposure, concepts	April 2020	Fall 2020
GPATS	Host webinars that offer continuing education credits	APBP Webinars at Greenville County–Open to Public	Continuity of AICP Certifications	June 2020	June 2021
GPATS	Safety (or bridge, pavement, or congestion) workshop (hosted by SCDOT, etc)	Staff education and assistance with developing targets/goals for Perf. Meas.	Federal Compliance	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)	\$70,000	\$70,000
Local Match	\$17,500	\$17,500
TOTAL	\$87,500	\$87,500

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, on behalf of GPATS, 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	Purchase of one Computer system to replace oldest.	Ability to run more sophisticated software/modeling for regional use.	June 2020, if needed	June 2021
GPATS	Regulate Intelligent Transportation Systems (FHWA rule 940 regarding ITS) and GIS activities related to MPO planning process	Online Interactive Mapping Tool; Upgraded GPATS-area signal systems from Guideshare and Planning Studies (DTMP)	Coordination between technical systems allow for greater efficiencies in networks and in analysis of issues.	June 2020	June 2021
GPATS	Work with Greenville County GIS to develop/implement Interactive Mapping Software	Online Interactive Mapping Tool	Regional Coordination, Collaboration, and Information	Winter 2019	Maintenance as needed
GPATS	Website upgrades/changes	Spanish translation element to website	Public Engagement	Summer/Fall 2019	Maintenance as needed
ACOG	Development of Regional Travel Demand Model at COG level with GPATS and other MPOs	Regional Travel Demand Model housed at ACOG	Regional Coordination, Collaboration, and Information	June 2020	Maintenance as needed

PROGRAM ADMINISTRATION

TASK 104: COMPUTER SYSTEM ACQUISITION FY 2020 & 2021

Sub-element 104.1 Maintenance of Computer Files and Software

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)	\$65,000	\$65,000
Local Match	\$16,250	\$16,250
TOTAL	\$81,250	\$81,250

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 completed in FY2019. These efforts included a large kick-off 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	Regional Importance	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Provide easy access to MPO information and materials to elected officials and the public via the internet	Updates to the GPATS website, www.gpats.org ; Social media real-time update posts	Regional Coordination, Collaboration, and Information	Maintenance as needed	Maintenance as needed
GPATS	Spanish translation of major documents	TIP, UPWP, and PPP documents translated into Spanish	Environmental Justice	June 2020	Maintenance as needed
GPATS	Spanish translation of website	GPATS website with a Spanish translation option	Environmental Justice	Summer/Fall 2019	Maintenance as needed
GPATS	Interactive mapping software	Public input and display of information through interactive mapping	Regional Coordination, Collaboration, and Information	Winter 2019	Maintenance as needed

PUBLIC INVOLVEMENT PROCESS

TASK 201: PUBLIC INVOLVEMENT PROGRAM FY 2020 & 2021

Sub-element 201.1 Participation Plan and Community Outreach

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	Regional Importance	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	Regional Coordination, Collaboration, and Information	June 2020	June 2021
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	SCDOT Compliance	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

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 Commissions, County Councils, and other local units of government.

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

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	Regional Importance	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.	Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS	Attend monthly County Transportation Committee (CTC) meetings	Technical review and assistance Implementation of CTC Projects	Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS	Reach out to each GPATS jurisdiction twice per year to coordinate on planning needs	Regional planning products with enhanced coordination and project implementation to achieve aligned goals.	Regional Coordination, Collaboration, and Information	October 2019; May 2020	October 2020; May 2021

SYSTEMS MANAGEMENT AND COOPERATION

TASK 302: TRANSPORTATION SYSTEMS MANAGEMENT FY 2020 & FY 2021

Sub-element 302.1 Short Range Planning

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 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 — 2024 Transit Development Plan (TDP) (April 2018).

TRANSPORTATION RELATED PLANNING ACTIVITIES					
ORGANIZATION	ACTIVITIES	PRODUCT	Regional Importance	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS, GTA ,and CAT	*See following task lists from transit providers	Planning and administration assistance to continue implementation of the COA, TDP, and Re-Imagining Study (ongoing); administer 5310 and 5339 FTA funds	Regional Coordination, Collaboration, and Information	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	GTA FY 2020	GTA FY 2021	CAT FY 2020	CAT FY 2021
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 2020 & 2021

ACTIVITY	ITEM	COST	FY 2020	FY 2021
Funds utilized for service planning efforts to include implementation of Comprehensive Operations Analysis changes and Transit Development Plan updates.	Service Planning	\$50,400	June 2020	June 2021
Funds utilized for capital planning efforts to include grant funding requests and completion of ongoing local, SCDOT, and FTA reporting requirements.	Capital Planning	\$33,286	June 2020	June 2021
Large format printer and associated supplies for transit mapping (\$4,000) & Esri Business Analyst License (\$100) as related to grant coordination and data analysis.	Planning Resources	\$4,100	June 2020	June 2021
Funds utilized for 2 internships focused primarily on transit planning and community engagement efforts as well as the resources needed for setup and execution of internships.	Planning & Community Engagement Internships	\$10,214	June 2020	June 2021
Funds utilized for purchase of transit wayfinding signage.	Wayfinding Signage	\$2,000	June 2020	June 2021

SYSTEMS MANAGEMENT AND COOPERATION

TASK 303: MULTIMODAL PLANNING FY 2020 & 2021 Sub-element 303.1 Transit Planning

CAT UPWP Task List for FY 2020 & 2021

ACTIVITY	POSITION	COST	FY 2020	FY 2021
For basic planning activities at CAT due to CAT not having a designated planner. CAT utilizes several staff members to perform planning activities.	Service Planning	\$50,000	June 2020	June 2021
Electric bus charge schedule. Capital Grant oversight and application process.	Capital Planning	\$30,000	June 2020	June 2021
Maps and mapping for modified route changes.	Planning Resources	\$5,000	June 2020	June 2021
GPS management fee for CATbus rider app.	Community Engagement	\$15,000	June 2020	June 2021

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.

This category will also serve to document planning grant efforts around the region that are required to be included in the MPO UPWP, but are not considered “Special Studies.”

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 new FY 2020-2025 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	Regional Importance	FY 2020 DEADLINE	FY 2021 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	SCDOT Compliance Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS, SCDOT	Implementation of TIP, development of projects; incorporate MPO Perf. Measures targets once Identified. Update TIP narrative as required.	Coordination with the STIP, set Performance Measures targets, and physical implementation of projects	Regional Coordination, Collaboration, and Information	June 2020	June 2021
GPATS, SCDOT	Prepare drafts, get comments, and receive approvals for the next TIP	The FY 2022-2026 Draft and Final GPATS TIP	Regional Coordination, Collaboration, and Information		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)	\$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. Produce and implement LRTP amendments as requested by GPATS, SCDOT, and FHWA.

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	Regional Importance	FY 2020 DEADLINE	FY 2021 DEADLINE
GPATS	Maintain, and update current LRTP (adopted Nov. 2017) as needed.	Amendments to the LRTP	Federal Compliance and Regional Implementation	June 2020	June 2021
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 project implementation	SCDOT Compliance through SC Act 114	June 2020	June 2021
GPATS	Coordinate and develop Performance Measures, goals, and targets (no later than 6 months after SCDOT sets targets)	Coordinated LRTP with set performance measures	State and Federal Compliance	June 2020	June 2021
Greenville County	Conduct Pre-Award and Award activities for FTA Grant #FTA-2018-004-TPE for Transit Oriented Development	Corridor Plan for TOD uses along Laurens Road	Grant assistance	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)	\$80,000	\$80,000
Federal (FTA-2018-004-TPE)	\$355,000	\$0
Local Match (\$20,000 for PL/5303, \$88,750 for FTA Grant in 2020)	\$108,750	\$20,000
TOTAL	\$100,000	\$100,000

TRANSPORTATION PLANS AND STUDIES

TSK 402: LONG RANGE PLANNING FY 2020 & 2021

Sub-element 402.1 Long Range Transportation Plan

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
Federal (FTA-2018-004-TPE)	\$355,000	\$0
Local Match (\$20,000 for PL/5303, \$88,750 for FTA Grant in 2020)	\$108,750	\$20,000
TOTAL	\$100,000	\$100,000

TRANSPORTATION PLANS AND STUDIES

TASK 403: SPECIAL TRANSPORTATION STUDIES FY 2020

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

PREVIOUS WORK: Continuance and completion of approved special studies.

PROJECT DESCRIPTION: Carryover monies payoff program to local jurisdictions for planning purposes. Funds may be held by GPATS in order to accomplish regional planning studies and the GPATS L RTP

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	Regional Importance	DEADLINE
Greenville County	Provide Funding	I-85 Parallel Study	Project Identification	June 2021
City of Greenville	Provide Funding	Downtown Transportation Master Plan	Congestion Relief	June 2020
City of Greer	Provide Funding	Hwy 101 Corridor Study	Project Identification	June 2020
Greenville County	Provide Funding	Greenway Design in Utility Easement Study	Best Practice Development	June 2020
City of Mauldin	Provide Funding	Sidewalk Study	Project Identification	June 2020
ACOG	Provide Funding	Freight Study	Freight Operations Support	June 2020

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
Federal (FHWA-PL/FTA-5303)	\$190,504
Local Match	\$322,626
TOTAL	\$513,121

APPENDIX A

GPATS FY 2020 UPWP FUNDING SUMMARY

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	11,942	47,769	59,711
Element 102 Unified Planning Work Program	12,500	50,000	62,500
Element 103 Staff Education	17,500	70,000	87,500
Element 104 Computer System and Equipment	16,250	65,000	81,250
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	10,000	40,000	50,000
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	173,192	692,769	865,961

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 (2)	54,056	0.00
City of Mauldin Sidewalk Study	4,313	17,252 (2)	21,565	17,252
ACOG Regional Freight Study	TBD	100,000 (3)	TBD	100,000
Total for PL Carryover-funded projects	322,626	190,504	513,121	156,414

Federal Planning Grants	Local	Federal	Total	Grant Balance
FTA-2018-004-TPE TOD Grant (Match through Greenville County)	88,750	355,000	443,750	355,000

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 2018 or Prior. (3) Allocation was included in FY 2019.

APPENDIX A

GPATS FY 2021 UPWP FUNDING SUMMARY

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	12,670	50,678	63,348
Element 102 Unified Planning Work Program	12,500	50,000	62,500
Element 103 Staff Education	17,500	70,000	87,500
Element 104 Computer System and Equipment	16,250	65,000	81,250
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	10,000	40,000	50,000
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	173,920	695,678	869,598

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 (2)	54,056	0.00
City of Mauldin Sidewalk Study	4,313	17,252 (2)	21,565	17,252
ACOG Regional Freight Study	TBD	100,000 (3)	TBD	100,000
Total for PL Carryover-funded projects	322,626	190,504	513,121	156,414

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 2018 or Prior. (3) Allocation was included in FY 2019.

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 2020-2021 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

APPENDIX B

**CERTIFICATION OF THE GREENVILLE-PICKENS AREA
TRANSPORTATION STUDY PLANNING PROCESS**

Be it known to all that the below signees hereby endorse and certify the planning process for the Greenville-Pickens Area Transportation Study and further certify that this Planning Process addresses the major issues facing the area and is being conducted in accordance with the requirements of 23 U.S.C. 174, and the applicable regulations: Section 174 and 176 (e) and (f) of the Clean Air Act (42 U.S.C. 7504, 7506 (e) and (f)); Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by each State under 23 U.S.C. 329 and 29 U.S.C. 794; Section 1003 (b) of the Intermodal Surface Transportation Efficiency Act of 1991 (Pub. L. 102-240) regarding the involvement of disadvantaged business enterprise in FHWA and FTA funded planning projects and provisions of the Americans with Disabilities Act and US DOT regulations "Transportation for Individuals with Disabilities" (49 C.F.R. Parts 37, 37, and 38).


BRUCE KIRVEN
CHAIRMAN, POLICY COMMITTEE
GREENVILLE-PICKENS AREA
TRANSPORTATION STUDY (GPA TS)

DATE: 06/03/2019


BRENT LEWIS
DEPUTY DIRECTOR
SOUTH CAROLINA DEPARTMENT
OF TRANSPORTATION

DATE: 7/12/19

LOCAL PROJECT AGREEMENT (LPA) COORDINATION REQUIREMENTS FOR PROCUREMENT OF CONSULTING SERVICES

The following process is intended to comply with LPA requirements by ensuring eligibility of planning activities utilizing Federal-Aid funds. Planning activities by definition do not include findings required by National Environmental Policy Act (NEPA), the acquisition of real property, or the management/oversight of construction projects. Federal funds may include PL, SPR, STP, NHS, CMAQ or any other Federal-Aid Program funds. In the event that the MPO, COG or sub-recipient intends to procure consulting services utilizing federal funds to complete tasks outlined in the approved Unified Planning Work Program (UPWP) or Rural Planning Work Program (RPWP), the following steps must be adhered to in sequence in order to ensure federal participation in the project:

STEP 1

- Ensure that the project is included the UPWP or RPWP
- Submit a draft scope of work in sufficient detail to determine that all work elements are eligible under Title 23 USC
- Submit a draft advertisement that will be used in South Carolina Business Opportunities (SCBO)
- Submit an internal estimate of the project cost
- Receive a notice to proceed from SCDOT to advertise the request for proposal

STEP 2

- Include the SCDOT and FHWA as non-voting members of the selection committee
- Submit a recommendation to SCDOT for approval of the selected firm(s) with documentation of the evaluation process
- Submit a copy of the negotiation process
- Receive notice to proceed from SCDOT

STEP 3

- Submit a copy of the draft agreement
- Receive final notice from SCDOT to execute agreement and initiate project

I hereby acknowledge that all procurement activities will follow the above described steps. Any deviation for this process will jeopardize federal reimbursement for the project.

2/27/2020
DATE


MPO-COG PLANNING AGENCY DIRECTOR

If applicable:

DATE

SUB-RECIPIENT



ADOPTION OF THE GREENVILLE-PICKENS AREA TRANSPORTATION STUDY (GPATS) FISCAL YEAR (FY) 2020-2021 UNIFIED PLANNING WORK PROGRAM (UPWP)

WHEREAS, GPATS has been designated by the Governor of the State of South Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the Census-designated Greenville and Mauldin-Simpsonville Urbanized Areas; and,

WHEREAS, the Federal surface transportation programs that are the responsibility of GPATS are authorized by the Fixing America's Surface Transportation (FAST) Act (Pub. L. 114-94, December 4, 2015); and,

WHEREAS, Section 1201 of FAST Act establishes requirements for metropolitan transportation planning in 23 U.S.C. 134, and Section 1105 of FAST Act provides for the apportionment of metropolitan planning funds in 23 U.S.C. 104; and,

WHEREAS, the FY 2020 & 2021 UPWP is developed in accordance with Federal and State requirements and guidelines, helps consolidate and coordinate the transportation planning activities conducted by member governments of GPATS, by providing a mutually-agreed upon document which identifies all Federal and State transportation and transportation-related planning activities to be undertaken by the GPATS MPO from July 1, 2019 to June 30, 2021, regardless of funding sources; and,

WHEREAS, the GPATS held a 21-day public comment period for the FY 2020-2021 UPWP.

NOW, THEREFORE, BE IT RESOLVED, that the FY 2020-2021 Unified Planning Work Program is hereby approved by the Greenville-Pickens Area Transportation Study's Policy Coordinating Committee on this date of June 3, 2019.


Herman G. Kiryah, Chairman
GPATS


Keith Brockington, Executive Director
GPATS



U.S. Department
of Transportation
Federal Highway
Administration

South Carolina

July 12, 2019

1835 Assembly Street, Suite 1270
Columbia, SC 29201

Office: 803-765-5411

Fax: 803-253-3989

In Reply Refer To:
HDA-SC

Mr. Keith R. Brockington, AICP
Transportation Planning Manager
Greenville County Department of Planning and Code Compliance
GPATS | Greenville-Pickens Area Transportation Study
301 University Ridge, Suite 3800
Greenville, SC 29601

Dear Mr. Brockington,

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the approved FY 2020-2021 Unified Work Planning Work Program for the Greenville Area Transportation Study (GPATS).

Based on our review, this work program has adequate descriptions of work tasks to support FHWA and FTA funded planning and technical studies. As a result, FHWA has authorized federal funds for the following GPATS PL planning project(s):

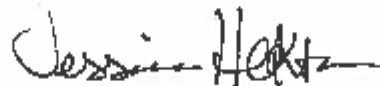
Project Number	Project Description	Program Code	Fiscal Year	Total Cost Amount	Obligations Amount	Duration
P038997	Metropolitan Planning Funds Budgeted in FY20 UPWP	1450	09/24/2019	\$ 865,551.00	\$ 582,766.60	Annual

As a reminder, federal funds used for consultant activities must be reflected in the approved UPWP and follow the LPA planning procedures as currently defined. The LPA process exists to keep projects eligible for federal funds and any deviation from the LPA process could jeopardize future federal participation. The process applies to any consultant work being undertaken with these funds to include sub-recipients of the MPO. The LPA process includes providing a copy of the draft scope of work for review prior to advertisement and inclusion of FHWA as a non-voting member on the MPO's selection committee. Consultant projects must be authorized individually by FHWA prior to advertising the project. As always, any consultant expenditures incurred prior to authorization will not be reimbursed.

Please contact Mark Pleasant of FHWA SC Division at 803-253-3435 or Nicole Spivey of FTA at 404-865-5609 with any questions you may have regarding this process.

Thank you again for the opportunity.

Sincerely,



(for) Emily O. Lawton
Division Administrator

Ec:
Merk Pleasant, FHWA
Nicole Spivay, FTA
Brent Rewis, SCDOT
Kenny Larimore, SCDOT
Christina Lewis, SCDOT
Crystal McCutcheon, SCDOT



South Carolina
Department of Transportation

February 26, 2020

Mr. Keith Brockington
Greenville County Planning Department
301 University Ridge, Suite 3800
Greenville, South Carolina 29601-3660

RE: FY 2020-2021 Federal PL Funds
FY 2020-2021 Unified Planning Work Programs (UPWP)

Dear Mr. Brockington:

We are providing your available planning funds for the 2020-2021 UPWP. Please remember that this is a consolidated federal planning grant that combines the FHWA PL funds and FTA 5303 Mass Transit Planning funds. This streamlines the administrative requirements and reinforces a coordinated multimodal planning process.

Please keep in mind that this will be the second year of a two-year UPWP, which should include tasks for two years. In addition, you may need to continue to add UPWP elements to comply with the process, data collection, and education of your Policy Committee and the public as it relates to performance management.

Finally, include in your UPWP any information concerning updating your LRTP, if applicable, and quarterly coordination with SCDOT and other MPO and COGs. All funds used for planning purposes need to be identified in the UPWP, regardless of the funding source. We also look forward to continued coordination on any consultant activities.

PL/FTA Allocation	\$ 695,678
FY 2019 Carryover	\$ 161,747
Total	\$ 857,425

Please provide us a digital copy of your draft UPWP along with a signed Local Project Agreement page (enclosed) by March 31, 2020. If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael M. Peterson
Statewide Planning Chief

Enclosure

cc: Johnny Mmanu-ike, SCDOT Office of Public Transit
Christina Lewis, SCDOT Regional Planner
Mark Pleasant, FHWA Community Planner
Crystal McCutcheon, SCDOT Planning Manager

Post Office Box 191
955 Park Street
Columbia, SC 29202-0191



www.scdot.org
An Equal Opportunity
Affirmative Action Employer
855-GO-SCDOT (855-467-2368)