

Greenville - Pickens Area Transportation Study (GPATS) Unified Planning Work Program Fiscal Year 2022 - 2023



Approved by the GPATS Policy Committee on May 17, 2021
Amendment approved on August 16, 2021
Amendment approved on May 16, 2022

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*

Table of Contents

List of Figures	iii
List of Table	iv
PREFACE	1
STATUS OF CURRENT PLANNING ACTIVITIES	1
PLANNING PRIORITIES FOR THE COMING YEAR	3
INTRODUCTION	4
ORGANIZATION AND PLANNING STRUCTURE	5
UNIFIED PLANNING WORK PROGRAM DEVELOPMENT	10
PROGRAM ADMINISTRATION	12
Task 101: Study Coordination FY 2022 & 2023.....	13
Task 102: Unified Planning Work Program (UPWP) FY 2022 & 2023.....	14
Task 103: Staff Education FY 2022 & 2023	15
Task 104: Computer System Acquisition FY 2022 & 2023.....	16
PUBLIC INVOLVEMENT PROCESS	17
Task 201: Public Involvement Program FY 2022 & 2023.....	18
SYSTEMS MANAGEMENT AND COOPERATION	20
Task 301: Systems Management & Coordination FY 2022 & 2023.....	21
Task 302: Transportation Systems Management FY 2022 & 2023	22
Task 303: Multimodal Planning FY 2022 & 2023	23
TRANSPORTATION PLANS AND STUDIES	26
Task 401: Transportation Improvement Program FY 2022 & 2023	27
Task 402: Long-Range Planning FY 2022 & 2023	28
Task 403: Special Transportation Studies FY 2022.....	29
APPENDIX A	30
GPATS FY 2022 UPWP Funding Summary	30
GPATS FY 2023 UPWP Funding Summary	31
GPATS UPWP Work Schedule.....	32
Matrix of Planning Factors and UPWP Works Elements	33
APPENDIX B	34
Annual Planning Certification.....	34
Procurement & Planning Study Requirements.....	35
Approval Letter from GPATS	36
Approval Letter from FTA and FHWA	38
UPWP PL/FTA Allocation and Carryover	40

List of Figures

Figure 1: Planning Structure.....	6
Figure 2: GPATS Study Area	11

List of Table

Table 1: GPATS Study Team Members	7
Table 2: Transit Coordinating Committee (TCC) Members	8
Table 3: Bicycle and Pedestrian and Coordinating Committee Members	8
Table 4: GPATS Policy Committee	9

PREFACE

This Unified Planning Work Program (UPWP) identified the transportation planning activities being conducted by 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 2022 and FY 2023, beginning July 1, 2021, and ending June 30, 2023.

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 (864) 467-7174.

STATUS OF CURRENT PLANNING ACTIVITIES

GPATS' planning efforts in FY 2021 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 Clemson Area Transit (CAT) to provide planning support as the Designated Recipient of FTA 5307, 5339, and 5303 funding. The 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 (TA) Program document/ranking criteria to increase efficiency. Applications have been received for the newest TA cycle and will be voted on in May 2021. The chosen application(s) 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 2021.

GPATS intends to use current PL carryover funds for large regional GPATS plans over the next couple of years. This allows local jurisdictions to apply for PL carryover funding when it is not needed for GPATS regional studies. GPATS will be making the FY2021 Carryover available for these regional studies ahead of inclusion in the FY2022-2023 UPWP. 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.

PLANNING PRIORITIES FOR THE COMING YEAR

- 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, LiveWell Greenville, Greenville Forward, Pickens United, and other partners;
- Work with GTA/Greenlink and Clemson Area Transit (CAT) 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.
- Continue implementation of the Horizon2040 Long-Range Transportation Plan utilizing GPATS Policy decisions and development/implementation of the 2021 – 2026 Transportation Improvement Program.
- Continue to monitor, evaluate, and report on Congestion Management Plan efforts as required of a Transportation Management Area and as detailed in the CMP located in the LRTP
- Continue incorporating performance measures into work program items.
- Continue updating Interactive Mapping Service serving as a “one-stop” resource for transportation planning and a jurisdictional data clearinghouse for Regional Coordination.
- Maintain updated information regarding regional transportation projects on Project Pages on the GPATS website.
- 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 (TA) 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). The county, city, and state created the Greenville Area Transportation Study (GRATS) to comply with the Federal Highway Act of 1962. This act mandated 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 Pickens County and Anderson County areas. GPATS came to include the municipalities of Pelzer, West Pelzer, Williamston within Anderson County, Central, Clemson, Norris, and Pendleton within Pickens County. The GPATS boundary and membership structure were 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. It provides fiscal information regarding how the funds will be spent with 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 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 transportation system's integration and connectivity 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, local agencies, and other associations with 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.

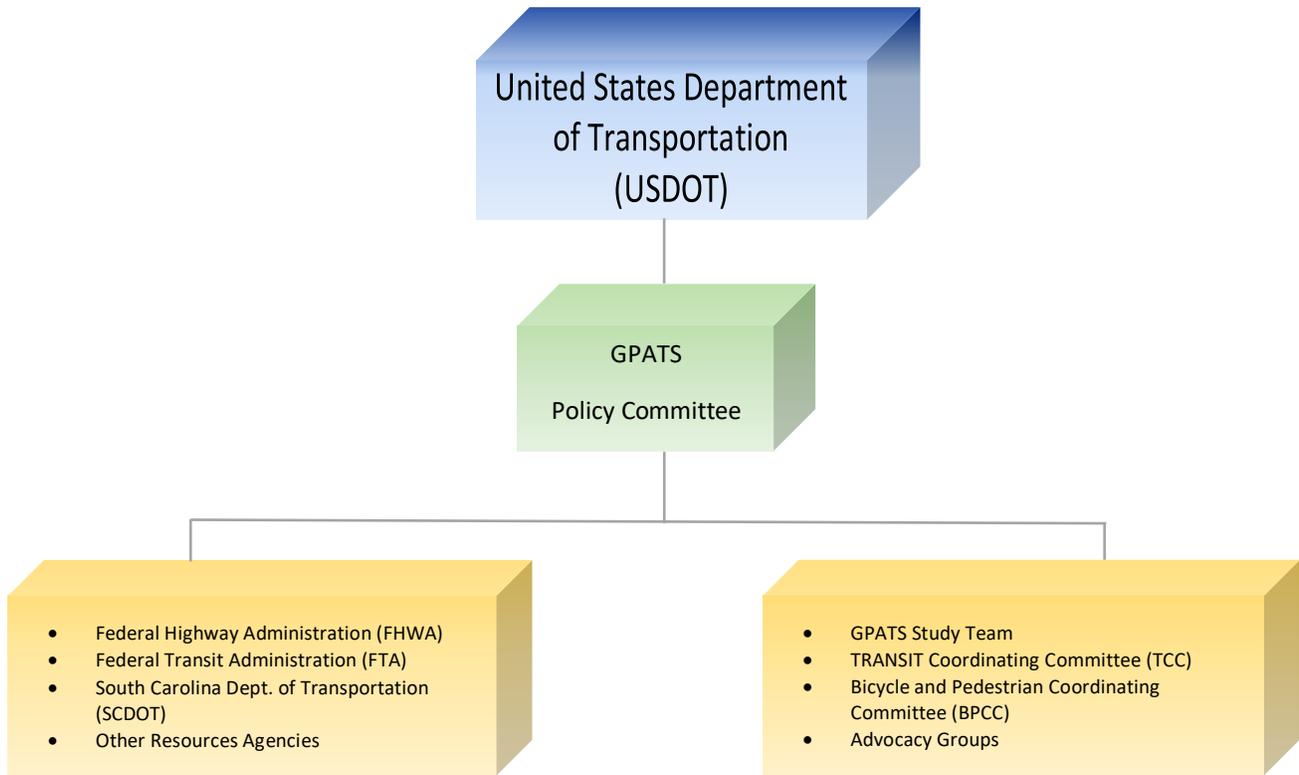
The Policy Committee is a forum for cooperative decision-making by elected and appointed officials of the local governments and transportation providers. The Policy Committee is also responsible for considering the Study Team's recommendations when adopting plans or setting policy. The Policy Committee 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, who 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 the decision-making processes.

The Bicycle and Pedestrian Coordinating Committee (BPCC) is a group of individuals, typically with experience in bicycle and pedestrian facilities, who meet before the Study Team and Policy Committee meeting 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 various 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 with prioritizing and reviewing proposed projects. The staff attends the CAT and GTA board meetings, the Chamber of Commerce’s Transportation and Infrastructure Committee, LiveWell Greenville, GSP International Airport, and other organizations related to transportation.

Periodically, the staff 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
Asangwua Ikein, Planning
Anna Stewart, Planning
Denise Montgomery, Admin. Asst.

ANDERSON COUNTY

Jon Caime, Special Projects
Tim Cartee, Planning
Matt Hogan, Engineering
Dyke Spencer, Powdersville Water

GREENVILLE COUNTY

Tee Coker, Assistant County Admin. for
Planning and Development
Hesha Gamble, Assistant County Admin. for
Public Works
Ty Houck, Recreation Department
Rashida Jeffers-Campbell, Sub-Division
Kurt Walters, Engineering
Judy Wortkoetter, Land Development

LAURENS COUNTY

Dale Satterfield, Public Works Director

PICKENS COUNTY

Chris Brink, Planning
Rodney Robinson, Engineering

CITY OF CLEMSON

Christopher Shivar, Engineering
Todd Steadman, Planning

CITY OF EASLEY

Shannon Baldwin, Administration

CITY OF FOUNTAIN INN

Shawn Bell, Administration
Gregory Gordos, Planning

CITY OF GREENVILLE

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

CITY OF GREER

Steve Grant, Engineering
Ashley Kaade, Planning
Brandon McMahan, Planning

CITY OF LIBERTY

Michael Calvert, Administration
Brian Petersen, Mayor

CITY OF MAULDIN

David Dyrhaug, Planning
Brandon Madden, Administration

CITY OF PENDLETON

Tony Cirelli, Planning

CITY OF PICKENS

Philip Trotter, Administration

CITY OF SIMPSONVILLE

Dianna Gracely, Administration
Jason Knudsen, Planning

CITY OF TRAVELERS REST

Eric Vinson, Administration
Mike Forman, Planning

TOWN OF WEST PELZER

Blake Sanders, Mayor

CLEMSON AREA TRANSIT

Sammy Grant, CEO/General Manager
Heather Lollis, Budget & Grants Manager
Laura Merritt, Operations Manager

CLEMSON UNIVERSITY

Peter Knudsen, Planning
Katerina Moreland, Planning

GREENVILLE COUNTY SCHOOL DISTRICT

Skip Limbaker, Planning
Greg Stanfield, Planning

GREENLINK

James Keel, Administration
Nicole McAden, Marketing & Program
Liston Mehserle, Planning
Kayleigh Sullivan, Planning

APPALACHIAN COUNCIL OF GOVTS

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

SCDOT

Christie Hall, Secretary of Transportation
Julie Barker, Regional Program Manager
Doug Frate, Transit
Brian Fulmer, Planning
Erica Hailey, Engineering
Diane Lackey, Intermodal & Freight Programs
Christina Lewis, Planning
Casey Lucas, Engineering
Betsy McCall, Planning
Renee Miller-Cotton, Administration
Johnny Mmanu-ike, Planning
Craig Nelson, Engineering
Machael Peterson, Planning
Penny Phillips, Engineering
Erin Porter, Planning
Ryan Ward, Preconstruction
Brandon Wilson, Engineering

USDOT FEDERAL HIGHWAY ADMINISTRATION

Yolanda Morris, Planning
Mark Pleasant, Planning

INTRODUCTION

Table 2: Transit Coordinating Committee (TCC) Members

<i>Asangwua Ikein</i>	<i>GPATS Transit Planning</i>
<i>Jason Knudsen</i>	<i>City of Simpsonville</i>
<i>Heather Lollis</i>	<i>Clemson Area Transit Grants Manager</i>
<i>Brian Maleck</i>	<i>Parking and Transportation Services</i>
<i>Nicole McAden</i>	<i>Greenlink (GTA) Marketing & Program Specialist</i>
<i>Katherina Moreland</i>	<i>Clemson University Campus Transportation Planning</i>
<i>Todd Steadman</i>	<i>City of Clemson Planning</i>

Table 3: Bicycle and Pedestrian Coordinating Committee Members

<i>David Dyrhaug</i>	<i>City of Mauldin Planning</i>
<i>Lance Estep</i>	<i>Appalachian Council of Governments Transportation Planning</i>
<i>Hesha Gamble</i>	<i>Greenville County Engineering</i>
<i>Nicole McAden</i>	<i>Greenlink (GTA) Marketing & Program Specialist</i>
<i>Todd Steadman</i>	<i>City of Clemson Planning</i>
<i>Anna Stewart</i>	<i>GPATS Transportation Planning</i>

INTRODUCTION

Table 4: GPATS Policy Committee

Representation	Name
Pickens Legislative Delegation	Sen. Rex Rice, Chairman
Greenville Legislative Delegation	Sen. Ross Turner, Vice Chair
SCDOT Commissioner -- District 3	Pamela Christopher
SCDOT Commissioner -- District 4	Woody Willard
Anderson Legislative Delegation	Rep. West Cox
Anderson County Council	Jimmy Davis
Greenville Legislative Delegation	Sen. Karl B. Allen
Greenville Legislative Delegation	Sen. Dwight Loftis
Greenville Legislative Delegation	Rep. Mike Burns
Greenville Legislative Delegation	Rep. Garry Smith
Greenville County Council	Ennis Fant
Greenville County Council	Willis Meadows
Greenville County Council	Xanthene Norris
Greenville County Council	Liz Seman
Greenville County Council	Dan Tripp
Pickens Legislative Delegation	Rep. Neal Collins
Pickens County Council	Alex Saitta
Pickens County Council	Henry Wilson
Mayor of Clemson	Robert Halfacre
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	Fletcher Perry
Mayor of Simpsonville	Paul Shewmaker
Mayor of Travelers Rest	Brandy Amidon
Mayor of West Pelzer	Blake Sanders
Greenville Transit Authority Chair	Walker Smith
Ex Officio Members	
Anderson CTC Chair	Ronald Townsend
Anderson County Planning Commission	David Cothran
Greenville Planning Commission Chair	Steve Bichel
Greenville GLDTC Chair	Ruth Sherlock
GPATS Executive Secretary	Keith Brockington
Pickens County Planning Commission	Bill Cato
Pickens CTC Chair	Duane Greene

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 2022-2023 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, 2021 through June 30, 2023. The document is organized into four major sections entitled:

Part I: [Preface](#)

Part II: [Introduction](#)

Part III: [Program Administration](#)

Part IV: [Public Involvement Process](#)

Part V: [Systems Management & Monitoring](#)

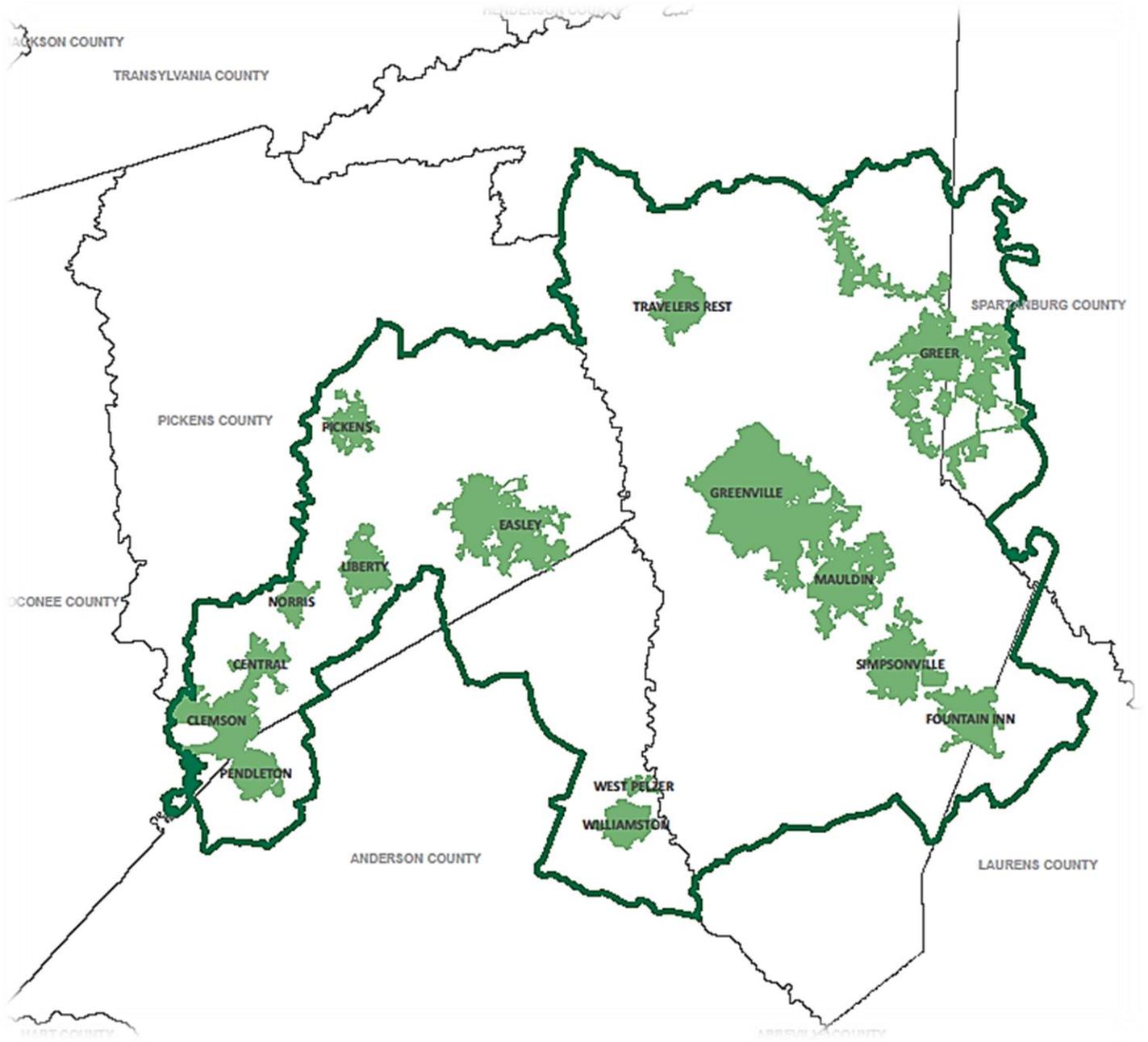
Part VI: [Transportation Plans & Studies](#)

The four sections of the UPWP include information on the parties responsible for carrying out planning activities. Defined activities are mostly geared toward preparing and developing the Transportation Improvement Program (TIP) and leading 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 Metropolitan Planning Organization (MPO) transportation planning activities in compliance with all federal, state, and local law regulations and requirements. This includes managing the basic operations of the MPO program through the following elements listed below.

101 – Study Coordination

The MPO, 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 2022 & 2023

Sub-element 101.1 Fiscal Management and MPO Administration

OBJECTIVE: To coordinate and conduct the Metropolitan Planning Organization (MPO) transportation planning activities in compliance with all federal, state and local law 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 2022 DEADLINE	FY 2023 DEADLINE
GPATS	Preparation of budget, financial record, reimbursement requests	MPO Budget	Regional Coordination	June 2022	June 2023
GPATS	Maintain proper records	Annual Performance Report	Regional Coordination	June 2022	June 2023
GPATS	Quarterly Reports to SCDOT	Quarterly Reports with invoices and written status reports	Regional Coordination & State Compliance	July 2021; October 2021; January 2022; April 2022	July 2022; October 2022; January 2023; April 2023
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 2021; October 2021, February 2022; May 2022	August 2022, October 2022, February 2023, May 2023
GPATS	Develop performance story	Adoption of Performance Measures	Federal Compliance	June 2022	June 2023
GPATS	TMA Quadrennial Certification	Approved Certification	Federal Compliance	June 2022	N/A

TARGET START AND END DATES	July 01, 2021 - June 30, 2022 and July 01, 2022 - June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)	\$48,415	\$54,226
Local Match	\$12,071	\$13,557
TOTAL	\$60,486	\$67,783

PROGRAM ADMINISTRATION

Task 102: Unified Planning Work Program (UPWP) FY 2022 & 2023

OBJECTIVE: Administer the active UPWP.

PREVIOUS WORK: FY 2020-2021 Unified Planning Work Program.

PROJECT DESCRIPTION: The UPWP is a two-year document briefly includes a description of tasks, work products, responsible agencies and identifies the funding sources to accomplish planning efforts. The draft 2022-23 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 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 2022 DEADLINE	FY 2023 DEADLINE
GPATS	Provide adopted FY 2022-23 Unified Planning Work Program, amend and ratify FY2021 Financials	FY 2022-2023 UPWP Document FY2023 Ratification	Federal Compliance	June 2021	June 2022
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 2022	June 2023
GPATS	Layer Performance Measures Activities into UPWP	L RTP and TIP amendment items	Federal Compliance	June 2022	June 2023

TARGET START AND END DATES	July 01, 2021 - June 30, 2022 and July 01, 2022- June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
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 FY 2022 & 2023

Sub-element 103.1 Continued Education and Technical Training

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, enabling 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 2022 DEADLINE	FY 2023 DEADLINE
GPATS	Relevant training for staff, including performance measures	Annual and Quarterly statewide MPO/COG meetings, including discussions of performance measures; Quarterly SCAPA meetings, etc.	Regional Coordination, Collaboration, and Information	June 2022	June 2023
GPATS	Relevant training for staff	National AMPO Conference	National Exposure, concepts		TBD
GPATS	Relevant training for staff	National APA Conference	National Exposure, concepts	April 2022	Fall 2022
GPATS	Host webinars that offer continuing education credits	APBP Webinars at Greenville County – Open to Public	Continuity of AICP Certifications	June 2022	June 2023
GPATS	Safety (or bridge, pavement, or congestion) workshop (hosted by SCDOT, etc.)	Staff education and assistance with developing targets/goals for Perf. Measures	Federal Compliance	June 2022	June 2023

TARGET START AND END DATES	July 01, 2021 - June 30, 2022 and July 01, 2022 - June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	--------------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)	\$70,000	\$90,000
Local Match	\$17,500	\$22,500
TOTAL	\$87,500	\$112,500

PROGRAM ADMINISTRATION

Task 104: Computer System Acquisition FY 2022 & 2023

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 Greenville County Planning Department, on behalf of GPATS, to purchase computer systems and software and other office equipment as needed. It 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 2022 DEADLINE	FY 2023 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 2022, if needed	June 2023
GPATS	Regulate Intelligent Transportation Systems (FHWA rule 940 regarding ITS) and GIS activities related to the MPO planning process	Online Interactive Mapping Tool; Upgraded GPATS-area signal systems from Guidesshare and Planning Studies (DTMP)	Coordination between technical systems allows for greater efficiencies in networks and analysis of issues.	June 2022	June 2023
GPATS	Work with Greenville County GIS to develop/implement Interactive Mapping Software	Online Interactive Mapping Tool	Regional Coordination, Collaboration, and Information	Winter 2021	Maintenance as needed
GPATS	Website upgrades/changes	Spanish translation element to the website	Public Engagement	Summer/Fall 2021	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 2022	Maintenance as needed

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	LEAD AGENCY	GPATS
FUNDING SOURCE		AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)		\$65,000	\$85,000
Local Match		\$16,250	\$21,250
ACOG Travel Demand Model Maintenance Fee – Local funds			\$14,500
TOTAL		\$81,250	\$120,750

PUBLIC INVOLVEMENT PROCESS

PURPOSE

The public involvement program's overall goal 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, and other provisions necessary to comply with the local, state, or federal regulations, laws, and policies.

201 - Public Involvement Program

To incorporate the FAST Act requirements, 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 2022 & 2023

Sub-element 201.1 Participation Plan and Community Outreach

OBJECTIVE: To continue developing and bettering the Public Participation Plan, which 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 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 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 2022 DEADLINE	FY 2023 DEADLINE
GPATS	Provide easy access to MP information and materials to elected officials and the public via the internet	Updates to the GPATS website, www.gpats.org ; Social medial 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 2022	Maintenance as needed
GPATS	Spanish translation of the website	GPATS website with a Spanish translation option	Environmental Justice	Summer/Fall 2021	Maintenance as needed
GPATS	Interactive mapping software	Public input and display of information through interactive mapping	Regional Coordination, Collaboration, and Information	Winter 2021	Maintenance as needed

PUBLIC INVOLVEMENT PROCESS

Task 201: Public Involvement Program FY 2022 & 2023

Sub-element 201.1 Participation Plan and Community Outreach

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	--------------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)	\$60,000	\$80,000
Local Match	\$15,000	\$20,000
TOTAL	\$75,000	\$100,000

SYSTEMS MANAGEMENT AND COOPERATION

PURPOSE

Maintain databases used in the modeling process and other transportation-related information to assess the systems deficiencies. Utilize software programs 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 the 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 the transportation system's efficiency and safety.

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 Greenville Transit Authority(GTA) dba Greenlink and Clemson Area Transit (CAT) 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, administrative related activities, 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 & Coordination FY 2022 & 2023

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, enabling 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 2022 DEADLINE	FY 2023 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 2022	June 2023
GPATS	Work with SCDOT to develop data formats that will inform performance measures/targets/goals	Data to assist in the creation and identification of PM targets and a way to monitor those targets achieved	SCDOT Compliance	June 2022	June 2023

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	--------------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
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 2022 & 2023

Sub-element 302.1 Short Range Planning

OBJECTIVE: To provide transportation planning assistance for local governments, the Planning Commission, County Councils, 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 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 2022 DEADLINE	FY 2023 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 2022	June 2023
GPATS	Attend monthly County Transportation Committee (CTC) meetings	Technical review and assistance Implementation of CTC Projects	Regional Coordination, Collaboration, and Information	June 2022	June 2023
GPATS	Reach out to each GPATS jurisdiction twice per year to coordinate on planning needs	Regional planning projects with enhanced coordination and project implementation to achieve aligned goals	Regional Coordination, Collaboration, and Information	October 2021; May 2022	October 2022; May 2023
GPATS	Provide CMP Monitoring and Evaluation	Report on CMP activities as needed and amend CMP within LRTP with updates	Federal Compliance, Regional Coordination	June 2022	June 2023

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
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 2022 & 2023

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: 2021 Greenlink Transit Development Plan (TDP) update; Greenlink 2020-2024 (TDP) in 2018; Greenlink Comprehensive Operations Analysis (COA) 2017; CATbus Re-Imagining Study 2017; (TDP) (June 2015); NTD Annual Report (June 2015); Operational Analysis (June 2014); Expansion Feasibility Study (June 2014); NTD Cost Efficiency Plan (June 2014); Relocation Feasibility Study Phase II (June 2014); System Safety and Security Plan (June 2014); Greenlink Comprehensive Operations Analysis (COA) (August 2017)

PROJECT DESCRIPTION: To continue to work with Greenlink and Clemson Area Transit on the 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 administer them to GTA and CAT.

PRODUCT: Planning and administration assistance to continue implementation of Transit Development Plan, including expanded service areas (*ongoing*); training and conference attendance (*ongoing*); NTD Annual Report (*June 2020*) and 2021 Greenlink TDP update.

TRANSPORTATION RELATED PLANNING ACTIVITIES					
ORGANIZATION	ACTIVITIES	PRODUCT	REGIONAL IMPORTANCE	FY 2022 DEADLINE	FY 2023 DEADLINE
GPATS, GTA, and CAT	*See following task lists from transit providers	Planning and administration assistance to continue implementation of the TDP and Re-Imagining Study(ongoing); administer 5310 and 5339 FTA funds	Regional Coordination, Collaboration, and Information	Ongoing	Ongoing

TARGET START AND END DATES	LEAD AGENCY
July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	GPATS

FUNDING SOURCE	GTA FY 2022	GTA FY 2023	CAT FY 2022	CAT FY 2023
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

SYSTEM MANAGEMENT AND COOPERATION

Task 303: Multimodal Planning FY 2022 & 2023

Sub-element 303.1 Transit Planning

GTA UPWP Task List for FY 2022 & 2023

ACTIVITY	POSITION	COST	FY 2022	FY 2023
Funds utilized for service planning efforts to include implementation of Comprehensive Operations Analysis changes and Transit Development Plan updates	Service Planning	\$50,400	June 2022	June 2023
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 2022	June 2023
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 2022	June 2023
Funds utilized for two internships focused primarily on transit planning and community engagement efforts, as well as the resources needed for the setup and execution of internships	Planning & Community Engagement Internships	\$10,214	June 2022	June 2023
Funds utilized for purchase of transit wayfinding signage	Wayfinding Signage	\$2,000	June 2022	June 2023

SYSTEMS MANAGEMENT AND COOPERATION

Task 303: Multimodal Planning FY 2022 & 2023

Sub-element 303.1 Transit Planning

CAT UPWP Task List for FY 2022 & 2023

ACTIVITY	POSITION	COST	FY 2022	FY 2023
For basic planning activities at CAT, due to not having a designated planner. CAT utilizes several staff members to perform planning activities.	Service Planning	\$50,000	June 2022	June 2023
Electric bus charge schedule. Capital Grant oversight and application process.	Capital Planning	\$30,000	June 2022	June 2023
Maps and mapping for modified route changes.	Planning Resources	\$5,000	June 2022	June 2023
GPS management fee for CATbus rider app.	Community Engagement	\$15,000	June 2022	June 2023

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 with 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 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 2022 & 2023

Sub-element 401.1 Project Development and Program Administration

OBJECTIVE: Implementation of the current FY 2021-2026 TIP through the transportation planning structure and process.

PREVIOUS WORK: Adoption of the Fiscal Year 2021-2026 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, which 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 2022 DEADLINE	FY 2023 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 2021-2026 TIP (June 2020); Coordination with Statewide TIP and updates/amendments as needed	SCDOT Compliance Regional Coordination, Collaboration, and Information	June 2022	June 2023
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	Regional Coordination, Collaboration, and Information	June 2022	June 2023
GPATS, SCDOT	Prepare drafts, get comments, and receive approvals for the next TIP	The FY 2021-2026 Draft and Final GPATS TIP	Regional Coordination, Collaboration, and Information	June 2022	June 2023

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30,2023	LEAD AGENCY	GPATS
-----------------------------------	--	--------------------	-------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
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 2022 & 2023

Sub-element 402.1 Long-Range Transportation Plan

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

PREVIOUS WORK: Policy Committee adopted the 2035 LRTP update in November 2013.

PROJECT DESCRIPTION: To work with hired consultants, SCDOT, the Department of Labor, and the Census Bureau to develop a new travel model and gather updated socioeconomic data for the impending LRTP 2040 and approved at the end of FY 2017. Implement, maintain, and update current LRTP as needed.

TRANSPORTATION RELATED PLANNING ACTIVITIES					
ORGANIZATION	ACTIVITIES	PRODUCT	Regional Importance	FY 2022 DEADLINE	FY 2023 DEADLINE
GPATS	Maintain, and update current LRTP (adopted Nov. 2018) as needed.	Amendments to the LRTP, 5-Year Interim Update	Federal Compliance and Regional Implementation	June 2022	June 2023
GPATS SCDOT	As part of the FY 2021-2026 TIP process, work with SCDOT to determine which LRTP projects will be advanced to the TIP	GPATS FY 2021 – 2026 TIP project implementation	SCDOT Compliance through SC Act 114	June 2022	June 2023
GPATS	Coordinate and develop Performance Measures goals/targets (no later than six months after SCDOT sets targets)	Coordinated LRTP with set Performance Measures, SCDOT System Performance Report	State and Federal Compliance	June 2022	June 2023
GPATS	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 2022	June 2023

TARGET START AND END DATES	July 01, 2021-June 30, 2022 and July 01, 2022-June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	--------------

FUNDING SOURCE	AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)	\$80,000	\$152,056
Federal (FTA-2018-004-TPE)	\$355,000	\$355,000
Local Match (\$38,014 for PL/5303 – FY2023, \$88,750 for FTA Grant in 2020)	\$108,750	\$126,764
TOTAL	\$543,750	\$633,820

TRANSPORTATION PLANS AND STUDIES

Task 403: Special Transportation Studies FY 2022 & 2023

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 to accomplish regional planning studies and the GPATS LRTP.

TRANSPORTATION RELATED PLANNING ACTIVITIES				
ORGANIZATION	ACTIVITIES	PRODUCT	Regional Importance	DEADLINE
City of Greer	Provide Funding	Hwy 101 Corridor Study	Project Identification	June 2022
Greenville County	Provide Funding	Greenway Design inutility Easement Study	Best Practice Development	June 2022
City of Mauldin	Provide Funding	Sidewalk Study	Project Identification	June 2022
ACOG	Provide Funding	Freight Study	Freight Operations Support	June 2022
City of Greenville	Provide Funding	Downtown Transportation Master Plan – Phase II	Congestion Relief	June 2022
City of Easley	Provide Funding	Corridor and Intersection Study	Congestion Relief	June 2022
Anderson County	Provide Funding	SC Hwy 81 Corridor Study	Project Identification	June 2022

TARGET START AND END DATES	July 1, 2021- June 30, 2022 and July 1, 2022 - June 30, 2023	LEAD AGENCY	GPATS
-----------------------------------	---	--------------------	--------------

FUNDING SOURCE*	AMOUNT FY 2022	AMOUNT FY 2023
Federal (FHWA-PL/FTA-5303)	\$422,252	
Local Match	\$410,663	
TOTAL	\$832,915	

APPENDIX A

GPATS FY 2022 UPWP Funding Summary

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	12,071	48,415	60,486
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	173,321	693,415	866,736

Element 403 Special Studies	Local	FHWA PL	Total	PL Balance
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 Mauldin Sidewalk Study	4,313	17,252 (2)	21,565	17,252
ACOG Regional Freight Study	300,000	100,000 (3)	400,000	9,534
City of Greenville Downtown Master Plan – Phase II	10,000	40,000	50,000	40,000
City of Easley Corridor and Intersection Study	67,600	150,000	217,600	150,000
Anderson County SC-Hwy 81 Corridor Study	25,000	100,000	125,000	100,000
ACOG Travel Demand Model assistance	43,500	14,500	58,000	14,500
Total for PL Carryover-funded projects	454,163	436,752	890,915	346,286

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/County (\$20,000); (2) Allocation was included in FY 2018, or Prior; (3) Allocation was included in FY 2019.

APPENDIX A

GPATS FY 2023 UPWP Funding Summary

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	13,557	54,226	67,783
Element 102 Unified Planning Work Program	12,500	50,000	62,500
Element 103 Staff Education	22,500	90,000	112,500
Element 104 Computer System and Equipment	35,750	85,000	120,750
Element 201 Public Involvement Program	20,000	80,000	100,000
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	38,014	152,056	190,070
TOTALS	222,321	831,282	1,053,603

Element 403 Special Studies	Local	FHWA PL	Total	PL Balance
Highway 101 Corridor Feasibility Study	3,125	12,500 (2)	15,625	12,500
City of Mauldin Sidewalk Study	4,313	17,252 (2)	21,565	17,252
ACOG Regional Freight Study	300,000	100,000 (2)	400,000	1,374
City of Greenville Dnnton Master Plan – Phase II	10,000	40,000	50,000	40,000
City of Easley Corridor and Intersection Study	67,600	150,000	217,600	150,000
Anderson County SC-Hwy 81 Corridor Study	25,000	100,000	125,000	100,000
Tri-County & Clemson Area Transportation Study	53,750	215,000	268,750	215,000
Total for PL Carryover-funded projects	463,788	634,752	1,098,540	536,126

Federal Planning Grants	Local	Federal	Total	Grant Balance
FTA-2018-004-TPE TOD Grant (Match through Greenville County)	88,750	355,000	443,750	114,407

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 2020, or Prior; (3) Allocation was included in FY 2021.

GPATS UPWP Work Schedule

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 2/28/2021
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.	Twenty-one days 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, 2022, to June 30, 2023

Matrix of Planning Factors and UPWP Works Elements

FY 2022-2023 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

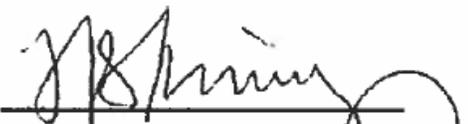
3 = Somewhat Relevant

0 = Not Relevant

Annual Planning Certification

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

Be it known to all that the below signees do 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. 134, and the applicable regulations; Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by each State under current federal transportation legislation 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 CAR Parts 27, 37, and 38).



BUTCH KIRVEN
CHAIRMAN, POLICY COMMITTEE
GREENVILLE-PICKENS AREA
TRANSPORTATION STUDY (GPATS)



BRENT REWIS
DEPUTY DIRECTOR
SOUTH CAROLINA DEPARTMENT OF
TRANSPORTATION

Procurement & Planning Study Requirements

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.

5/26/2021
DATE


MPO/COG PLANNING AGENCY DIRECTOR

If applicable:

DATE

SUB-RECIPIENT

COORDINATION REQUIREMENTS FOR PROCUREMENT OF CONSULTING SERVICES

In the event that the MPO or sub-recipient intends to procure consulting services to complete tasks outlined in the approved Unified Planning Work Program (UPWP), the following steps must be adhered to sequence in order to ensure federal participation in the project:

STEP 1

- Submit a draft scope of work in sufficient detail to determine that all work elements are eligible under Section 104(f) of 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

All invoices will be sent to Greenville County Planning and paid quarterly (State Fiscal Year 2022-2023, July 1, 2021 through June 30, 2023). We process our reimbursement and Quarterly Reports 30 days after the end of each quarter. A narrative of tasks and project deliverables will accompany your invoices.

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.

DATE

CITY or COUNTY REPRESENTATIVE

DATE

MPO PLANNING MANAGER

Approval Letter from GPATS



ADOPTION OF THE GREENVILLE-PICKENS AREA TRANSPORTATION STUDY (GPATS) FISCAL YEAR (FY) 2022-2023 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 2022 & 2023 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 2022-2023 UPWP, from April 26, 2021 to May 17, 2021

NOW, THEREFORE, BE IT RESOLVED, that the FY 2022-2023 Unified Planning Work Program is hereby approved by the Greenville-Pickens Area Transportation Study's Policy Coordinating Committee on this date of May 17, 2021.


H. G. "Butch" Kirven, Chairman
GPATS


Keith Brockington, Executive Director
GPATS

APPENDIX B

Approval Letter from FTA and FHWA



U.S. Department
of Transportation
**Federal Highway
Administration**

South Carolina
July 20, 2021

1835 Assembly Street, Suite 127D
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 2022-2023 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	Total Cost Amount	Obligations Amount
FD40706	PL FY22 GPATS MPO	2450	866,736.00	693,368.80

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.

We appreciate the opportunity to work with you and your staff.

Sincerely,

 Digitally signed by MARK
DURANT PLEASANT
Date: 2021.07.22 07:27:25
-04'00'

(for) Emily O. Lawton
Division Administrator

Ec:
Nicole Spivey, FTA
Machael Peterson, SCDOT
Christina Lewis, SCDOT

UPWP PL/FTA Allocation and Carryover



January 29, 2021

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

RE: FY 2021-2022 Federal PL Funds
FY 2021-2022 – FY2022-2023 Unified Planning Work Programs (UPWP)

Dear Mr. Brockington:

We are providing your available planning funds for the 2021-2022 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 first 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	\$693,415
FY 2020 Carryover	<u>\$322,930</u>
Total	\$1,016,345

Please provide us an approved copy of UPWP along with a signed Local Project Agreement page (enclosed) by **May 1, 2021**. If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael M. Peterson
Director of Planning

Enclosure

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

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)



March 7, 2022

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

RE: FY 2022-2023 Federal PL Funds
FY 2021-2022 – FY2022-2023 Unified Planning Work Programs (UPWP)

Dear Mr. Brockington,

SCDOT is providing your available planning funds for the 2022-2023 UPWP, which 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. Below is the funding allocated for the next fiscal year:

PL/FTA Allocation	\$779,226
FY 2021 Carryover	<u>\$126,496</u>
Total	\$905,722

This is the second year of a two-year UPWP, which includes tasks for both years. It may be necessary 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. Please include any information concerning updating your LRTP in your UPWP, 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.

Enclosed for your reference are two attachments: a joint letter from FHWA and FTA as well as the Local Project Agreement (LPA) Coordination Requirements for Procurement of Consulting Services. The joint letter from FHWA and FTA outlines the 2021 Planning Emphasis Areas. These are routinely provided to state DOTs and MPOs for consideration when developing their planning work programs. We look forward to continued coordination on any consultant activities. Should you seek professional services, please reference the second attachment, the Local Project Agreement (LPA) Coordination Requirements for Procurement of Consulting Services. This ensures the eligibility of planning activities utilizing Federal-Aid funds.

In closing, please sign the enclosed LPA Coordination Requirement and provide us an approved copy of the UPWP by *May 1, 2022*. If you have any questions, please do not hesitate to contact me.

Sincerely,

Christina Lewis
Statewide Planning Chief

Enclosures

cc: Johnny Mmanu-ike, SCDOT Office of Public Transit
Machael M. Peterson, SCDOT Director of Planning
Mark Pleasant, FHWA Community Planner

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)



March 28, 2022

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

RE: **Revision of:**
FY 2022-2023 Federal PL Funds
FY 2021-2022 – FY2022-2023 Unified Planning Work Programs (UPWP)

Dear Mr. Brockington,

SCDOT is providing an update/revision to March 7, 2022 letter regarding the available planning funds for the 2022-2023 UPWP. As a result of the passage of the new transportation bill, there was an increase to the PL/FTA Allocation. In addition, the MPO's unprogrammed funds from previous years have been included in the FY 2021 carryover balance. Below is the revised total funding allocated for the 2022-2023 fiscal year:

PL/FTA Allocation	\$ 831,282
FY 2021 Carryover	\$ 288,242
Total	\$1,119,524

This is the second year of a two-year UPWP, which includes tasks for both years. It may be necessary 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. Please include any information concerning updating your LRTP in your UPWP, 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.

In closing, please provide an approved copy of the UPWP by **May 1, 2022**, as well as a signed copy of the previously enclosed LPA Coordination Requirement. If you have any questions, please do not hesitate to contact me.

Sincerely,

Christlna Lewis
Statewide Planning Chief

cc: Johnny Mmanu-ike, SCDOT Office of Public Transit
Machael M. Peterson, SCDOT Director of Planning
Mark Pleasant, FHWA Community Planner

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)