

<p style="text-align: center;"><b>AGENDA</b>  <b>GPATS POLICY COORDINATING COMMITTEE</b>  <b>June 3, 2019</b>  <b>301 University Ridge, Suite 400 - Greenville County Square</b>  <b>10:00 a.m.</b></p>
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|---------|-----|--|---|
|         | 1.  | <b>CALL TO ORDER / WELCOME AND INTRODUCTIONS</b>             | <i>Chairman<br/>Councilman Butch Kirven</i>   |
| action: | 2.  | <b>APPROVAL OF THE FEBRUARY 25, 2018 COMMITTEE MINUTES</b>   | <i>Attachment 1<br/>Chairman<br/>Councilman Butch Kirven</i>  |
|         | 3.  | <b>PUBLIC COMMENT</b>  | <i>Chairman<br/>Councilman Butch Kirven</i>   |
|         | 4.  | <b>SCDOT PROJECT STATUS UPDATE</b>                           | <i>Attachment 2<br/>Casey Lucas<br/>SCDOT Project Manager</i>   |
| action: | 6.  | <b>PERFORMANCE MEASURES UPDATE</b>                           | <i>Attachment 3</i>   |
| action: |     | - LRTP AMENDMENT   | <i>Brennan Hansley</i>  |
|         |     | - TAM TARGET RESOLUTION                                      | <i>GPATS Transportation Planner</i>   |
| action: | 9.  | <b>TRANSPORTATION ALTERNATIVES PROGRAM FY 2019</b>           | <i>Attachment 4<br/>Brennan Hansley<br/>GPATS Transportation Planner</i>  |
| action: | 7.  | <b>GPATS FY 2020-2025 TRANSPORTATION IMPROVEMENT PROGRAM</b> | <i>Attachment 5<br/>Keith Brockington<br/>GPATS Transportation Manager</i>  |
| action: | 8.  | <b>GPATS FY 2020–2021 UNIFIED PLANNING WORK PROGRAM</b>      | <i>Attachment 6<br/>Keith Brockington<br/>GPATS Transportation Manager</i>  |
|         | 9.  | <b>PASSENGER MOVEMENT AND RAIL PLANNING PRESENTATION</b>     | <i>Attachment 7<br/>Keith Brockington<br/>GPATS Transportation Manager<br/>Doug Frate<br/>SCDOT Director, Intermodal<br/>and Freight Programs</i> |
|         | 10. | <b>NEW BUSINESS</b>  |   |
|         |     | - Greenlink Low-No Grant Letter of Support                   | <i>Attachment 8</i>   |
|         |     | - Guideshare Feasibility Report Presentation - August        |   |
|         | 11. | <b>ADJOURN</b>   |   |

**MINUTES**  
**GPATS POLICY COORDINATING COMMITTEE**  
**February 25, 2019**  
**Suite 400 – County Square**  
**10:00 a.m.**

**MEMBERS PRESENT:** Chairman Butch Kirven, Vice Chairman Senator Rex Rice, Senator Turner, Senator Allen, Representative Burns, Representative Cox, Representative Collins, Representative Smith, Councilor Costner, Councilor Norris, Councilor Meadows, Councilor Seman, Councilor Hudson, Councilor Davis, Commissioner Davis, Commissioner Willard, Mayor Cook, Mayor White, Mayor Petersen, Mayor Curtis, Mayor Danner, Mayor Durham, Mayor Raines, Mayor Amidon, George Campbell, Ruth Sherlock, and Keith Brockington

**OTHERS PRESENT:** P. Gucker, S. Holt, B. Hansley, A. Ikein, H. Hahn, D. Montgomery, H. Gamble, C. Link, B. Madden, S. Amell-Jackson, G. Gordos, D. Cooper, C. Lewis, S. Limbaker, M. Holden, C. Lucas, J. Keel, K. Larimore, E. Haley, D. Wright, K. Sullivan, N. McAden, L. Estep, J. Chasteen, R. Sloan, and R. Wyatt

**CALL TO ORDER/WELCOME**

Chairman Kirven called the meeting to order at 10:03 a.m. and welcomed the new members of the GPATS Committee; Senator Ross Turner of Greenville, Representative Wes Cox of Anderson, Councilmember Liz Seman with Greenville County Council, Councilmember Dan Tripp with Greenville County Council, George Campbell GTA Board Chair, Ruth Sherlock, Greenville Legislative Delegation Transportation Chair, and Duane Greene, Pickens Legislative Delegation Transportation Chair, and Jimmy Davis with Anderson County Council.

**APPROVAL OF THE OCTOBER 15, 2018 COMMITTEE MEETING**

**MOTION:** By Representative Smith, seconded by (inaudible) made to approve the minutes of the October 15, 2018 Committee meeting. The motion carried unanimously by voice vote.

**PUBLIC COMMENT**

There were no individuals signed up for public comment.

## **POLICY COMMITTEE ELECTION OF OFFICERS**

Mr. Kirven opened the floor to nominations for Chairman of GPATS.

Mr. Costner nominated Mr. Kirven.

**MOTION:** By Representative Smith to close nominations and elect Mr. Kirven by acclamation. The motion carried unanimously by voice vote.

Mr. Kirven opened the floor to nominations for Vice Chairman of GPATS.

**MOTION:** By Representative Smith to nominate Senator Rex Rice and close nominations and elect Senator Rice by acclamation. The motion carried unanimously by voice vote.

Mr. Kirven asked for a vote of confidence for Keith Brockington, Executive Director.

**MOTION:** By Senator Rice, seconded by Representative Smith for a vote of confidence in the Executive Director, Keith Brockington. The motion carried unanimously by voice vote.

## **SCDOT PROJECT STATUS UPDATE**

Casey Lucas addressed the Committee members with a brief update and presentation of projects which were included in the agenda packets. At the request of Mr. Brockington she advised there is a new section listed with the report for Signal Projects. She advised the Butler Road Project is currently in negotiations with the consultant and SCDOT recently held a meeting with the City of Mauldin to discuss the scope for this project. The West Georgia Road Bridge Project was let in December and awarded. She stated the Hampton Ave. Pedestrian Bridge Project was awarded; a preconstruction meeting was held last week and construction should begin soon. The Batesville Road Project Right-of-Way has been completed and is scheduled for the March letting. She advised the following three TAP projects are within Anderson County. The Minor Street Sidewalk is currently in Right-of-Way. However, there is not much Right-of-Way mainly permissions are needed and believes the letting date will be moved to this summer. Next, the Ragsdale Road currently has \$200,000.00 of GPATS TAP funding. She advised this project has been on hold until Anderson County secured additional funding which was done in January. The Riverside School plans have been submitted for Right-of-Way and are on schedule. Next, she stated the following two TAP Projects were approved last year by GPATS. Fountain Inn Woodside Connector and the Pickens Doodle Trail Projects are both being sent to a consultant for design. These projects will each have different timelines even though they both will be packaged together. She advised the Clemson University Trail does not require any GPATS funding but is partially within the GPATS' boundary. There will be a phase 2 of this project which will have ARC funding. She stated in the future this project will need to be placed in the TIP so it can be placed in the STIP. She advised the following project's letting dates have been effected due to utilities. The SC 146 Woodruff Road Project letting date has been moved to April,

Roper Mountain Road, Roper Mountain Road Extensions Projects have been moved to August, and Gibbs Shoals Road is not in the Guideshare project but is in GPATS boundary and has been moved several months as well. She stated SCDOT is waiting on guidance from GPATS regarding the Woodruff Road Parallel Project due to State Infrastructure Bank (SIB) which is currently restructuring how they receive SIB applications. Once this process is completed the schedule will be readjusted.

She then showed members progress slides of projects which are currently in construction. She stated the wall for the SC 14 Improvements on Bethel Road is almost completed and grading is scheduled to start in the spring. Next pictures shown were of SC 153 Extension and advised this too is on schedule. She stated work continues on all three bridges and the wall at Norfolk-Southern but that grading is completed and drainage installation is scheduled to begin soon. She then showed slides of the completed Belle Shoals Road Project.

Mr. Kirven asked if SC 153 by-pass was the project held up due to mitigation.

She advised this was correct and that everything has been resolved.

Ms. Lucas made herself available for any questions.

#### **PERFORMANCE MEASURES UPDATE**

Brennan Hansley addressed the Committee members regarding an amendment update to the Performance Measures of the LRTP and TIP. She advised the FAST Act mandates USDOTs, followed by State DOTs, must present different Performance Measures and adopt targets in the national goal areas:

- Safety
- Infrastructure Condition
- Congestion Reduction
- System Reliability
- Freight Movement and Economic Vitality
- Environmental Stability
- Reduced Project Delivery Delay

She advised when a final rule has been published; SCDOT has a year to set their own targets for these Performance Measures. GPATS, MPOs, and COGs have approximately 180 days to either adopt the state's target or set their own. GPATS has currently addressed Safety, Transit Asset Management, Infrastructure Condition, System and Freight Reliability. She stated new Safety targets have been received and in 2018 GPATS adopted the state's targets. Since then four of the five statewide Safety targets have passed. The failed Safety target is with the Non-Motorized fatalities and severe injuries. She advised if the state fails in one more of the Safety targets our state is considered non-compliant in safety. GPATS is not affected directly for a failed target but the state is. She explained it could affect GPATS indirectly with allocation of non-Guideshare funds being reallocated to Safety projects; an example would be possibly a Resurfacing

project diverted to Safety projects. She reviewed with the members the new SC targets which are traffic fatalities 988, fatality rate 1.79, severe injuries 2986, severe injury rate 5.42, and non-motorized 380. GPATS baseline is below the line with the exception of severe injuries rate. She advised GPATS is currently splitting Guideshare funding of 50% roadway corridors, 25% intersections, 10% bike ped, 10% transit, and 5% signal upgrades. She stated this is important considering GPATS bike pedestrian target is the only area which is failing statewide. She advised safety is being used as a ranking criteria when selecting projects. She suggested GPATS could set specific targets and monitor the region then use the information to set data based priorities as an MPO. She advised GPATS must decide to use the state's targets or set their own by February 27, 2019 and advised the Study Team recommended adopting the state targets for the 2019 monitoring period.

There was a brief discussion and Ms. Hansley made herself available to answer all questions.

Mr. Brockington further added the Performance Measures have been making a great impact statewide how projects are selected and evaluating which projects are most effective with the measures that have passed so far. He advised Safety is unique and is done yearly and how this target will be seen more frequently. He stated while there is no direct impact on GPATS funding however; there could be some non-Guideshare affected if the state is not meeting these targets. Especially, if the GPATS or upstate region is contributing to a large percentage of the non-motorized fatalities. Where we currently have a much higher than average severe injury the state may decide to reprioritize non-Guideshare funds for Safety projects which may affect GPATS funding to appropriate share of those projects affected.

**MOTION:** By Mayor Danner, seconded by Mayor Raines to approve LRTP amendment. The motion carried unanimously by voice vote.

**MOTION:** By Mayor Danner, seconded by Representative Smith to approve TIP document amendment. The motion carried unanimously by voice vote.

## **GPATS TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT AC #5**

Keith Brockington addressed the Committee regarding changes to the 2018 – 2023 Transportation Improvement Program (TIP) financial statement, in an amendment to include the following at the request of SCDOT:

- Addition of Woodside Streetscape Enhancement/ARC Project
- Addition of SC Recreational Trails Projects
  - Arts Park Connectivity Trail
  - Conestee Boardwalk Replacement
- Addition of McKelvey Rd over Huff Creek Bridge Replacement

He advised the Woodside Streetscape Enhancement/ARC Project is from the former Enhancement Program before it was changed to the Transportation Alternative Program. SCDOT and the City of Fountain Inn are ready to begin this project. Funds still exist for the project and have been supplemented with ARC funding. Due to the project being inactive it was omitted from the TIP. This project will be placed in the non-Guideshare program because the prime source of funding is ARC. He stated at the request of SC Recreational Trails Projects the two projects needed to be listed in the TIP and there is no GPATS funds associated with these projects. He advised the last item bridges are usually inserted in batches however; the McKelvey Rd. Project is a special case. He informed the members these projects have been advertised since the Study Team meeting.

Mr. Kirven inquired if there is any financial impact to GPATS funding by these projects.

Mr. Brockington advised they do not.

Mr. Brockington made himself available for any questions.

A question was asked regarding a local discussion for a possible change to the US 29 Bridge height.

Mr. Brockington did have a brief discussion with Kevin McLaughlin and was not advised of any changes.

**MOTION:** By Representative Smith, seconded by Councilor Norris to approve TIP amendment AC #5. The motion carried unanimously by voice vote.

### **DRAFT 2020 – 2025 TIP DOCUMENT AND DRAFT 2020 – 2021 UPWP DOCUMENT**

Keith Brockington addressed the Committee members advising the two documents are currently in draft form and will be given to the Study Team for their endorsement at the April meeting and then for Policy Committee adoption in May. He stated the current changes have been to policy and program. He advised the largest change is going to be from SCDOT. There will be an added feasibility study or planning phase with all new projects. He stated with all new projects there will be a new planning phase before any engineering, right-of-way, or construction are programmed. He advised this change will get the project to 20% of the plans which will be better cost estimates before additional phases. He used the example of Woodruff Road Parallel costing \$42 million and the final cost over \$100 million. He stated this should provide a better idea of what the project will accurately cost to help make decisions. Current projects will not be affected with this new change.

Mr. Kirven asked if this new change pertained to just GPATS.

Mr. Brockington stated this change will be statewide and affect all MPOs and COGs.

Another concern was who would be paying for this additional planning.

Mr. Brockington advised this will not impact the project cost and that originally this happens later in a project with funds set up for preliminary engineering.

Mr. Brockington made himself available for any questions.

### **TRANSPORTATION ALTERNATIVES PROGRAM FISCAL YEAR 2019 – CALL FOR PROJECTS**

Keith Brockington addressed the Committee members regarding the annual cycle for Transportation Alternatives Program opened for Fiscal Year 2019, for all eligible jurisdictions who currently do not have an active application or project less than 50% complete. He advised GPATS is still waiting on the award number but Staff is currently using the amount of \$656,199 which was the amount last allocated. He informed members of a new TAP guideline based on SCDOT guidance. He stated the TAP guideline and application can be found on the GPATS website and the Call for Projects was announced at the Study Team meeting on January 28<sup>th</sup>. He advised applications will be accepted until March 16, 2019 and then submitted to Study Team on April 29, 2019 for evaluation. Recommendations to submit for TIP funding will be presented to the Policy Committee at the May 20, 2019 for approval.

Mr. Brockington made himself available for any questions.

### **NEW BUSINESS**

SCDOT Commissioner Davis advised the position of SCDOT Commission Chairman is a yearly position. He stated GPATS has held this position for two straight years due to his and Commissioner Willard being Chairman. The newly appointed chairman is Robby Robbins and has been moved to Charleston. Commissioner Davis stated he and Commissioner Willard are still on the Commission and will continue to push for activities in the GPATS area. He advised the Commission is aware the roads are in terrible condition. South Carolina has had thirty years of road deterioration and that will not improve in a year or two. He stated this Commission, under this Secretary believes it has planned well for the future. He stated they have a 10 year plan of what they are going to do and how they are going to use the money from the increase of gas user fees. He advised they did a Pothole Blitz around the state, however, due to the continuous rain they need to redo these repairs. He explained there are over 300 projects currently active in the state and \$3 billion dollars' worth of commitments out on the streets. He stated there are 42,000 center line miles of roads and it will take a long time to get to a particular road. He advised they are ranking these roads in an analytical order and not political, and in time we should see an improvement in roads.

### **ADJOURNMENT**

#### **MOTION:**





By Representative Loftis to adjourn, without objection Chairman Kirven adjourned the meeting at 10:38 a.m.





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Submitted by Recording Secretary



## GPATS PROJECT STATUS REPORT

 PROJECT SCOPE				 CURRENT STATUS	 PAST NOTE SUMMARY	 NEW COMMENTS
GPATS TIP/ Guideshare	S-164 Batesville Rd Widening	0037686	Widen 2.2 miles of S-164 Batesville Road to 3 lanes with curb, gutter, sidewalks and bike lanes from SC 14 to Roper Mountain Road. Design by Vaughn & Melton Consulting Engineers.	In Construction Est. Completion: 11/2021	ROW is certified and plans have been submitted for the March Letting. Outstanding Permit needed from the Corps by 3.6.19 to keep let date. Permit approved 2.20.19	Project let 03/12/2019. Awarded to Eagle Construction. (\$16,635,841.52) Pre-Con held May 16th.
	SC 183/ Jameson Rd Intersection	037728C	Pickens County - Convert intersection of SC 183 Farris Bridge Rd and S-95 Jameson Road to a roundabout.	In PE	project on-hold per GPATS Policy Committee pending outcome of SIB application (for funds to multilane SC 183)	FY 2020-2025 TIP this project is removed from being on hold, and ROW is FY 2021.
	SC 153 Extension	0039309	Easley - extend SC 153 from US 123 to Saluda Dam Road, a distance of 3 miles, including new bridges over Norfolk-Southern railroad and Hamilton Creek.	Est. Completion: 12/2020	Currently on schedule. Work on all bridges in continuing. MSE wall construction has been completed for the NSRR bridge. Grading and filling operations still underway.	
	SC 146 Woodruff Rd Widening	0039660	Greenville County - widen Woodruff Road from Scuffletown Road to Bennetts Bridge Road (SC 296) and improve Scuffletown Road between Woodruff Road and Adams Mill Road	In Construction Est. Completion: TBD	In order to certify utilities, the let date was moved from 3/2019 to 4/2019. Utilities have been certified and the plans have been submitted to the Letting Prep Office.	Project let 04/09/2019 awarded to Sloan Construction. (\$9,665,817.48)
	SC 14 Improvement	0041443	Greenville County - between Five Forks Road and Bethel Road; add dual left turn lanes at Five Forks Road and at Bethel Road, improve the Five Forks Rd/Parkside Drive intersection, and add one lane in each direction to SC 14 between the two intersections	Est. Completion: 12/2019	Weather has impacted construction progress, however the wall along Bethel Road is almost complete, and the contractor will begin grading later in the spring.	
	Roper Mountain Road	0041471	Greenville County - Improvements between RMR Ext. and I-85; widen to 5 lanes with curb/gutter/sidewalk from near RMR Ext. to Blacks Drive, and to 3 lanes for the remainder. Design by HDR.	In ROW Current Let Date: 9/2019	Utility coordination is underway however will not be completed in time for May Letting. Currently discussing schedule to certify utilities, and to move the let date. Let date moved +3months from 5/2019 to 8/2019	Plans are completed. Awaiting UT & RW certifications. Anticipate all utility package submittals by end of May. Letting moved +1 month.  Risk: Construction cost and UT phase to increase based on construction plan estimates and UT agreements needed for certification.
	Roper Mountain Rd. Extension	0041472	Greenville County - Improvements between Pelham Road and Roper Mountain Road in Greenville County; 3 lanes with curb/gutter/sidewalk. Design by HDR.			
	Woodruff Road Parallel	P028743	The purpose is to reduce congestion on Woodruff Road; tentative limits are from the Woodruff Rd./Mall Connector Road area to the Woodruff Rd./Smith Hines Rd. area, but NEPA process will define actual project limits. Design by Infrastructure Consulting & Engineering.	In NEPA Process Current Let Date: TBD	Anticipate R/W acquisitions in 2020 & 2021 and construction beginning in 2022 & 2023, subject to inclusion of adequate construction funding in the GPATS TIP. ICE presented updates and alternatives at the August 2018 Policy Committee Meeting.	With approval of new TIP, alternative 6C/6D will be the preferred alternative. ICE to give update at May Policy Committee Meeting.
	SC 153 Intersection Improvement	P028744 P037434	Powdersville - Intersection improvements at SC 153 & S-143 River Road and SC 153 at S-94 Old Pendleton Road	In ROW Current Let Date: 10/2019	Project in the ROW phase as of 5/2018	Awaiting UT & RW certifications, and permit approval. Letting moved +2 month.
	S- 107 Butler Road	P030553	City of Mauldin - Reconstruct existing 3 lane road with curb and gutter, bike lanes and sidewalks for approximately 1.7 miles from Brides Rd. to US 276 Main St.	consultant negotiations Current Let Date: TBD	Consultant negotiations began 1.24.19.	
	S-164 Batesville Rd.	P030554	Greenville County - S-164 Batesville Road Phase II, Pelham Rd. to the Parkway. Widen to 3 lanes with curb & gutter, and sidewalks.	On Hold  Current Let Date: TBD	Due to the uncertainty of the I-85 widening project, the ROW phase was moved to FY 2024, and Road Construction, Bridge Construction, Utility and CE&I Phases, and the let date were moved to FY 2025. When there is a clear path forward, funding will be adjusted accordingly.	

	 PROJECT SCOPE			 CURRENT STATUS	 PAST NOTE SUMMARY	 NEW COMMENTS
Interstate	I-85/I-385 Interchange	0038111	Greenville County - A design-build project to upgrade the I-85/I-385 interchange and to complete the 6-laning of I-385 between Butler and Roper Mountain Road.	<i>Est. Completion: 12/2019</i>	Awarded to Flatiron Constructors/Zachry Construction Corp Joint Venture (\$231,116,087.00) . Construction began late 1/2016.	
	I-85 Widening		Greenville County - from SC 153, Exit 40, to near SC 85, Exit 69: widen to 8 lanes.	In Planning	Expected to be a design-build project, tentative construction beginning 2025.	
	I-385 Pavement Rehabilitation	P027223	Greenville County - Rehab and resurface I-385 from near Stone Avenue to Roper Mountain Rd.	In Construction	Let 5/2016 but no bids received; re-let 8/2016. Awarded to: Sloan Construction (\$24,465,783.66). Construction began late 2016. A construction change order has been completed (surveys and cross slope correction plan)	
	I-85/SC 290 Interchange	P027379	Spartanburg County - convert the existing diamond interchange to a diverging diamond and improve the ramps. Design by Kimley-Horn & Associates.	In Preliminary Engineering	tentative construction 2021	
	I-85 Widening	P027114	A design-build project to widen I-85 from S-57 (Gossette Rd) at Exit 80 to SC 18 Shelby Highway) at Exit 96.	<i>Est. Completion: 8/2021</i>	Awarded to: Blythe/Zachry (\$435,576,907)	
Bridges	S-164 Gibbs Shoals Road	0027178	Greer - S-164 Gibbs Shoals Road over Enoree River bridge replacement	In ROW Current Let Date: 9/2019	Letting moved +2months to allow additional time for utility certification	
	S-75 Mt. Lebanon Church Road	P029127	Greenville/Spartanburg - S -75 bridge replacements over M. Tyger River and tributary of M. Tyger River	In ROW Current Let Date: 7/2019	Utility certification received. RW complete awaiting certification	RW certification complete. Project on schedule to let in July.
	S-272 W. Georgia Road	P028355	Greenville County - S-272 West Georgia Road Bridge Replacement over Reedy River. Bridge design by SCDOT, road design by CECS.	In Construction Est. Completion 6/2020	Let 12/2018 and awarded to GLF Construction Corporation \$5,592,320.00 (\$5.9M programmed). PreCon Meeting 2.8.19	
	US 29 Church Street	P028821	City of Greenville - Bridge Rehabilitation of US 29 (S. Church Street) over S-75 (McBee Avenue) including a multi-use path along one side of bridge.	Securing a Consultant	Anticipate procuring a turn-key engineering firm summer 2018 to design project, with construction anticipated in 2022. Coordination between SCDOT and City of Greenville to define the scope is ongoing.	
	S-154 over Huff Creek	P038260	S-154 (Mckelvey Road) over Huff Creek Bridge Replacement (Y2 On-System Bridges)	awaiting commission approval		
TAP & LPA	City of Fountain Inn Woodside Streetscape	0042551	Installation of ADA compliant shared use path from the intersection of Fairview Street & Diamond Tip Blvd extending to the intersection of Jones St & Wall St. w/ new alignment through Woodside Park.	In PE Current Let Date: 12/2020		Request to re-activate project. No longer LPA administered, now SCDOT administration of RW and CON phases. Awaiting design revisions for Q/A review.
	Ragsdale Rd. Sidewalk	P028261	Anderson County TAP- installation of 2500' if ADA compliant concrete sidewalk to connect Powdersville Schools with adjacent subdivisions.	In PE Current Let Date: 12/2020	Additional funding was secured, and preliminary engineering is beginning on this project.	
	Minor Street Sidewalk	P032168	Town of Williamston TAP - Install concrete sidewalks on Minor Street from the Town Hall to the ball fields.	In ROW Current Let Date: 7/2019	Now in ROW, permissions only. The let date will move forward to summer 2019.	Let date moved in to July 2019
	Swamp Rabbit Trail Extension	P029824	City of Simpsonville TAP- Multi-use path between Trade Street and Loma Street in. 2,700' multi-use path adjacent to railroad tracks.	On Hold	Coordinating with Carolina Piedmont Railroad and the City of Simpsonville to determine project feasibility	

 PROJECT SCOPE				 CURRENT STATUS	 PAST NOTE SUMMARY	 NEW COMMENTS
TAP & LPA	Riverside Middle School Sidewalk	P030103	Town of Pendleton TAP - Repair existing & add new sidewalk & ped crossings & improve drainage along Riverside St from Thompson St to Riverside Middle School.	In ROW Current Let Date: 5/2020	RW on schedule to begin 3/2019	Working through RW design revisions.
	Clemson University Trail	P036945	1.3 mile bike/ped trail along W. Queen Street just south of City of Clemson	In PE Current Let Date: 12/2020	Toole Design Group has begun preliminary design work	Surveys completed. Review of design alternatives scheduled on 04.26.19
	Pickens Downtown Doodle Connector	P038168	Shared use path of existing Doodle Trail along E. Cedar Rock St. from Hampton Ave. to S. Lewis St and along S. Lewis St from E. Cedar Rock St to Main St in downtown Pickens	In PE Proposed Let Date: 2/2021		Project going TAP On-Call consultant. Currently in the process of securing a consultant.
	City of Fountain Inn Woodside Park Connector	P038173	Converting existing trail connecting Woodside Park to Fairview St Park to an 11' wide shared use path	In PE Proposed Let Date: 2/2021		Project going TAP On-Call consultant. Currently in the process of securing a consultant.
	Clemson University Trail - Segment 2	P038477	Approximately 1 mile shared use path beginning at the intersection of Perimeter Rd and Old Stadium Rd and ending near trail head of Clemson University Trail (P036945) at the intersection of W Cherry Rd and W Queen St	In Planning		Clemson University ARC grant enhancement project located within GPATS boundary. Requested TIP/STIP inclusion.
	Haywood Rd Sidewalks	P038746	City of Greenville LPA - Installation of approximately 1600 LF of sidewalk along Haywood Rd beginning at I-385 bridge	In LPA Office Proposed Con Obligation: 08/2019		TAP funds approved for Construction services. SCDOT preparing FPA agreement
Fed. Earmark	Fairforest Way Phase 2	0036167	City of Greenville LPA - widen Fairforest Way to five lanes from Ridge Road to US 276, Laurens Road.	In ROW	Utility Certification needed	UT Cert submitted for signature
	Fairview St. over I-385 Rehab	P037790	City of Fountain Inn - hydro demo and latex overlay Fairview St. bridge (S-543) over I-385	In PE Current Let Date: 7/2019	New bridge rehab using 2008 IMD funding. With permission from the City of Fountain Inn, the Department is providing the 10% match.	UT & RW certifications completed. In the July letting.
	West Georgia Rd (S-272) Improvements	P038375	Intersection improvements along W Georgia Rd at Neely Ferry, E Standing Springs Rd, & Rocky Creek Rd. Widening from Kettle Oak Way to Rio Grande and Morning Mist Ln to Malibu Ln	In PE Proposed Let Date: 1/2024		City of Simpsonville Earmark funding with Greenville CTC Match. Project going Road On-Call. Scoping mtg held for 05.07.19.



Greenville County Planning Department

301 University Ridge, Suite 3800  
Greenville, SC 29601  
(864) 467-7270  
[www.greenvillecounty.org](http://www.greenvillecounty.org)

Attachment 3

## MEMORANDUM

**TO:** GPATS Policy Committee

**FROM:** GPATS Staff

**DATE:** June 3, 2019

**SUBJECT:** GPATS Performance Measures – TAM Update

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Please find **Attachment 3.2**, an Amendment to the GPATS Horizon 2040 LRTP of GPATS Performance Measures as required by the FAST Act. Additionally, these changes are being addressed in the new GPATS 2020-2025 TIP Document, linked in **Attachment 5**.

The Performance Measure Targets being added are in regard to:

- Transit Asset Management (TAM)

Brennan Hansley will be presenting on the changes to both documents. GPATS will be required to adopt these additional Performance Measures into the LRTP and with the new TIP at its May meeting in order to stay compliant with Federal Regulations. A resolution, which is required for documentation of target adoption by FTA, will be brought before Policy Committee for a signature by the Chairman, included as **Attachment 3.3** for reference.

**The Study Team has reviewed these items and recommends Approval by Consensus without objection.**

**The Policy Committee will be asked to vote separately on the Amendments:**

- 1) To Amend the GPATS Long Range Transportation Plan**
- 2) To Approve the signing by the Chairman of a Resolution in support of FTA Target Adoptions.**



## TRANSIT ASSET MANAGEMENT (TAM)

Transit Asset Management (TAM) plans have been employed to inform the distribution of transit funds based on the condition of transit assets, with a goal of achieving and maintaining a state of good repair for agency assets. US DOT has found that nationwide an estimated 40% of busses and 23% of rail transit is considered to be in marginal or poor condition, with a \$90 billion backlog in deferred maintenance and replacement. TAM plans allow transit agencies to monitor and manage their assets over time. They can help improve safety and increase performance and reliability. South Carolina has created a Group TAM Plan for rural transit agencies in the state, and larger transit agencies have been tasked with creating their own TAM plans to serve their differing needs.

### *TAM within the GPATS Region*

GPATS has two transit agencies within its boundaries: Greenville Transit Authority dba Greenlink and Clemson Area Transit or CATbus. Each agency has its own needs and assets. Due to this, Greenlink and CATbus have created separate TAM plans. GPATS is not required to create a TAM plan of its own, as the MPO is only the designated recipient of FTA funds and not a transit agency.

### *TAM Process*

Transit Asset Management involves setting performance measures for different asset classes. Agency assets are separated into four different asset categories with established performance measures. These asset categories are:

- Rolling stock
- Equipment
- Facilities
- Infrastructure

Agencies then assign each of their assets to one of these categories and begin measuring which ones have met or exceeded their useful life benchmarks. In other words, agencies are determining which assets are not in a state of good repair. This means that transit agencies are striving for low percentages. As assets age and their conditions deteriorate, performance measure values will go up due to the increased percentage of assets that have met or passed their useful life benchmark. Federal regulations require transit agencies to establish and report yearly targets, at least 5 years into the future, as an attempt to inform funding decisions.



Photograph provided by Clemson Area Transit

## Transit Asset Management (TAM) Targets

As was mentioned earlier, each transit agency has different types of assets and, therefore, different needs. Generally, each asset category is split into different asset classes. For example, busses can be a general asset class under rolling stock but can also be broken into differing types of busses, such as articulated busses and cutaway busses. The table below summarizes all asset classes, and their associated targets, as listed in Greenlink's TAM Plan and CATbus' TAM plan. The two sets of the TAM targets were adopted by the GPATS Policy Committee on June 3rd, 2019. All funding decisions made in the TIP will consider these targets moving forward. In an effort to aid moving transit capital towards the regional targets, GPATS elected to set aside Guideshare funding specifically for transit capital projects.



Photograph provided by Greenlink

### GREENLINK TARGETS

Category	Class	Performance Measure	2020 Target
Rolling Stock	Bus	% met or exceeded ULB	20%
	Trolley Bus	% met or exceeded ULB	0%
	Cutaway Bus	% met or exceeded ULB	25%
Equipment	SUV	% met or exceeded ULB	0%
	Van	% met or exceeded ULB	0%
	Truck	% met or exceeded ULB	0%
	Car	% met or exceeded ULB	0%
Facilities	100 W. McBee (Terminal)	% with condition rating below 3.0 on TERM Scale	0%
	154 Augusta St (Maintenance Garage)	% with condition rating below 3.0 on TERM Scale	0%

### CAT TARGETS

Category	Class	Performance Measure	2020 Target
Rolling Stock	Articulated Bus	% met or exceeded ULB	60%
	Bus	% met or exceeded ULB	90%
	Van	% met or exceeded ULB	10%
Equipment	NonRevenue/Service Automobile	% met or exceeded ULB	70%
	Trucks and other Rubber Tire Vehicles	% met or exceeded ULB	40%
	GPS Units	% met or exceeded ULB	5%
	Administration	% with condition rating below 3.0 on TERM Scale	10%

**Approve by Resolution Support of Greenville Transit Authority (GTA) dba Greenlink and Clemson  
Area Transit (CAT) Transit Asset Management Targets for 2020**

Agency Lead and Contact Information:

Gary Shepard, Director of Public Transportation  
Greenville Transit Authority (GTA) dba Greenlink  
[gshepard@greenvillesc.gov](mailto:gshepard@greenvillesc.gov)

Keith Moody, Transit Director  
Clemson Area Transit (CAT)  
[kmoody@cityofclemson.org](mailto:kmoody@cityofclemson.org)

Staff Lead and Contact Information:

Keith Brockington, Transportation Planning Manager  
Greenville-Pickens Area Transportation Study MPO  
[kbrockington@greenvillecounty.org](mailto:kbrockington@greenvillecounty.org), 864-467-7143

Federal transportation legislation (MAP-21 and additional requirements under the most recent FAST Act) outlines several requirements associated with performance-based planning, specific federally mandated performance measures, and a collaborative target-setting process for transit agencies, state departments of transportation, and metropolitan planning organizations. Transit agencies and MPOs must set targets for the following transit asset management performance measures:

- Rolling stock: % of revenue vehicles exceeding useful life benchmark (ULB)
- Equipment: % of nonrevenue service vehicles exceeding ULB
- Facilities: % of facilities rated under 3.0 on the TERM scale
- Infrastructure: % of track segments under performance restriction

As required, GPATS staff has coordinated with the transit authority, Greenlink, on transit asset management and will continue to do so as an integral part of the MPO's continuing, comprehensive and cooperative (3-C) planning process. While the MPO is not required to update TAM targets annually moving forward, the MPO will continue to update targets annually to ensure that targets are up-to-date when updating the TIP and LRTP. GPATS staff acknowledges that the MPO does not coordinate, manage, or maintain any transit assets and therefore would not be in the most informed position to set its own targets and staff is recommending the MPO adopt Greenlink's targets for 2020 below:

Greenlink			
Category	Class	Performance Measure	2020 Target
Rolling Stock	Buses	% of rolling stock that has met or exceeded ULB	20
	Trolley Buses	% of rolling stock that has met or exceeded ULB	0
	Cutaway Buses	% of rolling stock that has met or exceeded ULB	25
Equipment	SUV	% of vehicles that have met or exceeded their ULB	0
	Van	% of vehicles that have met or exceeded their ULB	0
	Truck	% of vehicles that have met or exceeded their ULB	0

	Car	% of vehicles that have met or exceeded their ULB	0
Facilities	100 W. McBee (Terminal)	% of facilities with a condition rating below 3.0 on TERM Scale	0
	154 Augusta St (Maintenance Garage)	% of facilities with a condition rating below 3.0 on TERM	0

CAT			
Category	Class	Performance Measure	2020 Target
Rolling Stock	Articulated Buses	% of revenue vehicles that have met or exceeded their ULB	60
	Buses	% of revenue vehicles that have met or exceeded their ULB	90
	Van	% of revenue vehicles that have met or exceeded their ULB	10
Equipment	Non Revenue/Service Automobile	% of vehicles that have met or exceeded their ULB	70
	Trucks and other Rubber Tire Vehicles	% of vehicles that have met or exceeded their ULB	40
	GPS Units	% of asset class that has met or exceeded their ULB	5
Facilities	Administration	% of facilities with a condition rating below 3.0 on TERM Scale	10



RESOLUTION OF THE GREENVILLE-PICKENS TRANSPORTATION STUDY  
TO SUPPORT GREENVILLE TRANSIT AUTHORITY  
TRANSIT ASSET MANAGEMENT TARGETS FOR 2020

WHEREAS, the United States Department of Transportation has enacted rules and regulations regarding performance-based planning and the setting of targets for federally-mandated transportation performance measures as reflected in Title 49 of the United States Code Section 5326, established guidelines for transit authorities and Metropolitan Planning Organizations (MPO) to coordinate in the development of such targets; and

WHEREAS, the regulations require transit agencies, states, and MPOs to each set targets; and

WHEREAS, the Greenville-Pickens Area Transportation Study (GPATS) is the area's designated MPO; and

WHEREAS, the Greenville Transit Authority (GTA) dba Greenlink and Clemson Area Transit (CAT) are the designated recipient of Federal Transit Administration (FTA) funds within the Metropolitan Planning Area (MPA); and

WHEREAS, Greenlink and CAT have been identified as Tier II providers under the FTA Asset Management regulations; and

WHEREAS, the Greenville-Pickens Area Transportation Study does not operate or maintain any transit assets and defers to Greenlink's and CAT's expertise in transit assets in order to establish urbanized area or MPO specific targets; and

WHEREAS, Greenlink and CAT prepared asset management targets utilizing FTA's benchmarking for transit vehicles, the Guidebook for structures/facilities; and

WHEREAS, GPATS staff has coordinated with Greenlink and CAT on the consideration of these targets and the GPATS Study Team reviewed the targets and found the development methods to be reasonable and recommended to the GPATS Policy Committee that the MPO support the transit agency through support of the annual targets provided to the MPO for calendar year 2020; and

WHEREAS, the Greenville-Pickens Area Transportation Study will report targets as required and share MPO adopted targets with state and federal partners and review and consider any changes to Greenlink's and CAT's annual targets for subsequent years and act accordingly to support future targets; and

WHEREAS, the consideration of these annual targets underwent public review.

NOW, THEREFORE, BE IT RESOLVED THAT the Greenville-Pickens Area Transportation Study (GPATS) approves supporting the Greenville Transit Authority's and Clemson Area Transit's annual asset management targets for 2020 in accordance with all applicable requirements.

RESOLUTION APPROVED:

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Signature

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Date



Greenville County Planning Department

301 University Ridge, Suite 3800  
Greenville, SC 29601  
(864) 467-7270  
[www.greenvillecounty.org](http://www.greenvillecounty.org)

Attachment 4

## MEMORANDUM

**TO:** GPATS Policy Committee

**FROM:** GPATS Staff

**DATE:** June 3, 2019

**SUBJECT:** Transportation Alternatives Program, FY2019 Cycle Recommendations

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In January, Staff released its annual Call for Projects for the FY2019 TAP Cycle. Staff has received one application in total. A summary of the application is below:

**Town of Central: Southern Wesleyan University to Town of Central Connector Project**

- Requesting \$643,000
- Score: 14 out of 19 points
- Description: Construction of a 3,420' multi-use path connecting Downtown Central to Southern Wesleyan University's Athletic Complex on Hwy 93. This project is a portion of the regional Green Crescent Trail, which will ultimately connect Central, Clemson, and Pendleton.

Total funds currently requested are \$643,000. Our FY2019 TAP Allocation has not been disclosed to us at this time, but GPATS has been advised to work off of last year's allocation of \$656,199.

The Bike and Pedestrian Coordinating Committee discussed the application and **recommends that GPATS award funding to Town of Central's project.** The Study Team is now responsible for making a recommendation to the Policy Committee on the matter.

**The Study Team has reviewed this item and recommends Approval by Consensus without objection.**

**The GPATS Policy Committee will be asked to Approve the above for funding, and to include the projects in the DRAFT FY2020-2025 Transportation Improvement Program.**



Greenville County Planning Department

301 University Ridge, Suite 3800  
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Attachment 5

## MEMORANDUM

**TO:** GPATS Policy Committee

**FROM:** GPATS Staff

**DATE:** June 3, 2019

**SUBJECT:** FY 2020-2025 Transportation Improvement Program

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Attached please find **Attachment 5.2**, the DRAFT Financial Statement for the GPATS Fiscal Years 2020 through 2025 Transportation Improvement Program. This is the biennial update of the TIP, as required by FHWA and FTA.

As per usual, Staff is providing the Financial Statement for Study Team and Policy Committee Review. The full TIP Document is still being finalized, provided in Draft at [www.gpats.org](http://www.gpats.org). All pertinent financial information is summed up in this Financial Statement.

Major changes made to the TIP include:

- The combining of FY 2017 and 2018 into the Previous Obligations column.
- The addition of FY 2024 and 2025 to the back end of the TIP
  - Funding Allocation of \$18.066 million per year was assumed for both years
- After coordination with SCDOT, allocation of funding for projects and balancing of the Guideshare spending and clearing completed or cancelled projects. New Projects added per the GPATS LRTP and SC Act 114, with changes highlighted.
- Transportation Alternatives Projects added pending Policy Committee approval of the projects.
- Appearance of the new Guideshare Feasibility Reports
- GTA/CAT Funding Allocation for FY2019 (see **Attachment 6.3**)

**The Study Team has reviewed this item and recommends Approval by Consensus without objection.**

**The Policy Committee will be asked to approve the GPATS 2020-2025 Transportation Improvement Program, which shall allow GPATS spending for projects to continue uninterrupted for another two years.**

GPATS TRANSPORTATION IMPROVEMENT PROGRAM - FY 2020-2025 FINANCIAL STATEMENT

DRAFT Amendment/Correction Version AC#0 - DRAFT

TIP Approved --/--/---- | AC#0 Approved --/--/----

(COST IN THOUSANDS)		TIP								
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TIP COST (2020-2025)	
GUIDESHARE ALLOCATION		\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$108,468	
DEBT SERVICE		(\$3,465)	(\$2,402)	(\$2,407)	(\$420)	(\$420)	\$0	\$0	(\$5,648)	
SCDOT SIGNAL RETIMING		(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$900)	(\$900)	(\$2,400)	
ALLOCATION AVAILABLE FOR PROJECTS		\$14,463	\$15,526	\$15,521	\$17,508	\$17,508	\$17,178	\$17,178	\$100,420	
CARRYOVER AVAILABLE FROM PREVIOUS FY		\$13,362	\$6,475	\$ (0)	\$ 5,163	\$ 8,771	\$ 12,330	\$13,758		
GUIDESHARE SUBTOTALS		\$ (21,350)	\$ (22,500)	\$ (9,859)	\$ (13,900)	\$ (13,950)	\$ (15,750)	\$ (1,800)	(\$77,759)	
SCDOT GUIDESHARE ADVANCEMENT			\$ 499							
GUIDESHARE PAYBACK				\$ (499)						
BALANCE	13,362	6,475	(0)	5,163	8,771	12,330	13,758	29,136	29,136	

<p>KEY: P - PRELIMINARY ENGINEERING, R - RIGHT OF WAY, C - CONSTRUCTION, CA - CAPITAL PURCHASE, PL - PLANNING AND FEASIBILITY</p> <p>* - IDENTIFIED IN THE INTERSTATE LONG RANGE PLAN FOR DESIGN PLANS ONLY</p> <p>** - ENVIROMENTAL TO BE COMPLETED FOR PHASES 1 &amp; 2 (Verdae to Millennium)</p> <p>*** - Projects to be merged with I-85 @ I-385 Design/Build</p> <p>**** - Projects may be combined for cost saving, if possible.</p>			FY18-23 GUIDESHARE SUMMARY		
			REVENUES	ALLOCATION	\$108,468
				CARRYOVER	\$13,362
			EXPENDITURES	PROJECTS	(\$77,759)
				DEBT	(\$5,648)
	OTHER	(\$2,400)			
			BALANCE	\$29,136	
<i>Amounts shown in Italics are Non-Guideshare funds</i>					

PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2019	TIP						TIP COST (2020-2025)	REMAINING COST (2026+)	FUNDING
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025			
		DEBT SERVICE	\$ 63,583	\$3,465	\$2,402	\$2,407	\$420	\$420					STBGP

Road Improvement Projects Currently in the TIP with Updated Schedule and Cost Estimates

37685RD01	1	NORTH BUNCOMBE RD (SC 101/SC 290) FROM WADE HAMPTON (US 29) TO LOCUST HILL (SC 290) (FIVE LANES WITH BIKE LANES)									Completed		STBGP
39283RD01	2	ROPER MOUNTAIN ROAD (S-548) GARLINGTON ROAD TO FEASTER ROAD (THREE LANES WITH BIKE LANES AND SIDEWALKS)									Completed		STBGP
38119RD01	10	BUTLER ROAD (S-107) MAULDIN HIGH SCHOOL TO BRIDGES RD (FOUR LANES WITH MEDIAN WIDE OUTSIDE LANES AND SIDEWALKS)									Completed		STBGP
37728RD01	25/29	SC 183 INTERSECTION IMPROVEMENTS											STBGP
37728RD02		ALEX RD	1,548								Fully		
37728RD03		JIM HUNT RD	2,043								Obligated		
		JAMESON RD	R	C		109 R	2,000 C				On Hold		
37686RD01	17	BATESVILLE ROAD (S-164) SC 14 TO ROPER MOUNTAIN RD (THREE LANES WITH MEDIAN, BIKE LANES, SIDEWALK NORTH OF PELHAM FALLS DRIVE)	1,650 P 2,200 R	6,500 C 1,750 C	6,500 C						\$6,500		STBGP  Safety

GUIDESHARE PROJECTS CONTINUED													
PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2019	TIP						TIP COST (2020-2025)	REMAINING COST (2026+)	FUNDING
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025			
Road Improvement Projects Currently in the TIP with Updated Schedule and Cost Estimates continued													
39309RD02	27	SC 153 EXTENSION US 123 TO SALUDA DAM ROAD (TWO LANES, LIMITED ACCESS, LEFT TURN LANES, 2 FT PAVED SHOULDERS)	4,500 P 2,078 R 24,000 C								Fully Obligated		STBGP
38112RD01	9/12	SALTERS ROAD - PHASE 1 & 2 VERDAE BLVD. TO MILLENIUUM BLVD. (FOUR LANES WITH MEDIAN, BIKE LANES AND SIDEWALKS)									Fully Obligated Completed		STP  NHS/IM Local
39660RD01	5	WOODRUFF ROAD (SC-146) IMPROVEMENTS FROM NEAR SCUFFLETOWN RD (S-23-145) TO BENNETTS BRIDGE (SC-296) WITH IMPROVEMENTS TO INTERSECTIONS	750 P 1,500 R	4,500 C	5,000 C								STBGP
42472RD01	6	ROPER MOUNTAIN EXTENSION (S-547) **** PELHAM ROAD TO ROPER MOUNTAIN ROAD (THREE LANES, BIKE LANES, AND SIDEWALK ON ONE SIDE)	1,550 P 1,200 R	4,300 C	3,500 C						\$3,500		STBGP
41472RD01	7	ROPER MOUNTAIN ROAD (S-548) **** ROPER MOUNTAIN EXT TO GARLINGTON ROAD (THREE LANES, BIKE LANES, AND SIDEWALK ON ONE SIDE)	1,150 P 1,500 R	3,250 C 1,000 C	3,500 C						\$3,500		STBGP  Safety
P030553	8	BUTLER ROAD (S-107) BRIDGES RD TO US 276 (FOUR LANES, DIVIDED, BIKE LANES AND SIDEWALKS)	500 P	1,000 P	R	1,000 R	C	4,500 C	4,500 C		\$10,000		STBGP
P030554	11	BATESVILLE ROAD (S-164) PHASE II PELHAM ROAD TO THE PARKWAY (THREE LANES, WIDE OUTSIDE LANES, AND SIDEWALKS)	1,200 P									ON HOLD \$12,900	STBGP
		WOODRUFF ROAD PARALLEL WOODRUFF ROAD TO MILLER RD (FOUR LANE DIVIDED, PLANTED MEDIAN, AND MULTI-USE PATH)	2,900 P	P	2,000 P R	8,750 R	9,450 R C	9,450 R C	9,450 R		\$39,100	\$76,000	STBGP
		SC-153 IMPROVEMENTS I-85 TO OLD PENDLETON RD (INTERSECTION IMPROVEMENTS, TURNING LANES)	500 P 1,000 R	1,800 C	2,000 C						\$2,000		STBGP
		GARLINGTON ROAD FROM SC-146 TO ROPER MOUNTAIN ROAD (SCOPE TBD)					300 PL		TBD	TBD	\$300		STBGP
		US-29/MILLS AVENUE FROM AUGUSTA STREET TO STEVENS STREET (SCOPE TBD)					500 PL		TBD	TBD	\$500		STBGP
		GROVE ROAD FROM US-25 TO W. FARIS ROAD (SCOPE TBD)					500 PL		TBD	TBD	\$500		STBGP

GUIDESHARE PROJECTS CONTINUED													
PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2019	TIP						TIP COST (2020-2025)	REMAINING COST (2026+)	FUNDING
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025			
Intersection Projects Currently in the TIP with Updated Schedule and Cost Estimates													
37687RD01		SC 101 AND FEWS CHAPEL									Completed		STP
37689RD01		WOODRUFF RD/I-85 INTERCHANGE RAMP MODIFICATIONS***	1,781 P										STBGP
37688RD01		WOODRUFF RD (SC 146) AND GARLINGTON/MILLER***	1,781 P										STBGP
38113RD01		LOCUST HILL (SC 290) AND MOUNTAIN VIEW (SC 253)									Completed		STP
39303RD01		US 178 AND SC 93									Completed		STP
37727RD01		FARRS BRIDGE/BLUE FLAME AND JEWEL/JONES									Completed		STP
39301RD01		BRUSHY CREEK AND STRANGE	549 P,R 2,067 C										STBGP
39542RD01		ANN ST (US 178) AND JONES ST	450 P,R 2,200 C								Fully Obligated		STBGP Pickens County CTC
41443RD01	3	SC 14 AT FIVE FORKS ROAD AND BETHEL ROAD	750 P,R 2,750 C								Fully Obligated		STBGP
		HAYWOOD ROAD AND PLEHAM ROAD					250 PL		TBD	TBD			STBGP
		PLEASANTBURG DRIVE AND RUTHERFORD ROAD					250 PL		TBD	TBD			STBGP
Bicycle and Pederstrain Projects Currently in the TIP with Updated Schedule and Cost Estimates													
		Mauldin Golden Strip Gateway					150 PL		TBD	TBD			STBGP
		Clemson-Central Green Crescent Connector					150 PL		TBD	TBD			STBGP
		Augusta Street Area Bike					200 PL		TBD	TBD			STBGP
		City of Easley Doodle Trail Extension					150 PL		TBD	TBD			STBGP
			-	-	\$ -	\$ -	\$ 650	\$ -	\$ -	\$ -	\$ 650		
Transit Capital Projects Currently in the TIP with Updated Schedule and Cost Estimates													
		GTA - Greenlink Capital							900	900			STBGP
		CAT - Clemson Area Transit Capital							900	900			STBGP
			-	-	\$ -	\$ -	\$ -	\$ -	\$ 1,800	\$ 1,800	\$ 3,600		
Traffic Signal Retiming Corridors Projects Currently in the TIP with Updated Schedule and Cost Estimates													
P028935		US 123, Easley	122										STBGP
P028961		Pelham Road, Greenville	122										STBGP
	On hold	US 276 (Cherrydale), Greenville/Greenville County	80										STBGP
P029726		Woodruff Road (Scuffletown), Greenville County	55										STBGP
P033666	On hold	SC 93, Clemson	50										STBGP
P033665		US 276-West Butler Road, Mauldin	55										STBGP
	On hold	Fairview Road, Simpsonville	90										STBGP
	On hold	East Butler Road, Mauldin	70										STBGP
		Signal Retiming Allocation	750	150	150	150	150	150	900	900	\$600		
		Signal Retiming Balance	106	256	406	556	706	856	1756	2656	2656	UNDER BUDGET	
GUIDESHARE SUBTOTALS				\$ 21,350	\$ 22,500	\$ 9,859	\$ 13,900	\$ 13,950	\$ 15,750	\$ 1,800	\$ 77,759		

NON-GUIDESHARE PROJECTS												
PIN #	NON-GUIDESHARE PROJECTS		Previous Obligations	FY 2019	TIP						REMAINING COST (2026+)	FUNDING
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TIP COST (2020-2025)	
	GREENVILLE COUNTY POINSETT CORRIDOR PEDESTRIAN AND LIGHTING		500 1,245 2,255									ARC See TAP Section Local/Greenville Co
P027367	HAMPTON AVE BRIDGE OVER NORFOLK SOUTHERN RAILROAD (PEDESTRIAN BRIDGE)			470 C 500 C 500 C								APPALACHIAN REG GLDTC GREENVILLE CO
	S-1136 (PERIMETER ROAD) RESURFACING/REHABILITATION		1,241 C									APPALACHIAN REG.
	SC-93 AT CLAYTON ST - TOWN OF CENTRAL			299 C 365 P,R,C								APPALACHIAN REG. Local
	DOODLE TRAIL EXT & AMENITIES - CITY OF PICKENS		100									RTP
	MINERAL SPRING TRAIL - TOWN OF WILLIAMSTON		76									RTP
P038477	CLEMSON BIKING & WALKING TRAIL - SEGMENT 2			250 P 250 P			30 R 30 R	220 C 220 C				ARC Local
0036167	CU-ICAR AND FAIRFOREST WAY		3,223 C									EARMARK
P037790	I-385 AT FAIRVIEW ROAD BRIDGE REHAB		30 P	346 C								EARMARK
P308375	WEST GEORGIA ROAD (S-272) FROM NEELY FERRY ROAD TO FORK SHOALS			1,000 P		250 R	2,211 C 692 C					EARMARK LOCAL
	GREENVILLE SC TRANSIT AUTHORITY MULTIMODAL CENTER		998								Fully Obligated	EARMARK FED LIMIT 1,000
42551	WOODSIDE STREETScape			59 R	107 C 313 C 310 C							ENHANCEMENT ARC Local
P28051801018	ARTS PARK CONNECTIVITY TRAIL		125 C									SCRTP
P28051900419	BOARDWALKS & OBSERVATION DECK REHAB/REPLACEMENT			109 C								SCRTP
	I-85 SAFETY IMPROVEMENTS MM 30 TO MM 60			50 PE	3,000 C							SAFETY/HSP
2015	SC-153 I-85 TO PICKENS COUNTY										Completed	RECON &REHAB
2015	SC-153 SOUTH OF I-85 TO I-85										Completed	RECON &REHAB
2015	SC-101 S-109 TO CJ AT MERITAGE										Completed	RECON &REHAB
2015	SC-418 S-146 TO FAIRVIEW										Completed	RECON &REHAB
2015	SC-418 S-55 TO BRASHIER										Completed	RECON &REHAB
2015	S-23-173 CJ AT OAK LANE TO US-25										Completed	RECON &REHAB
2015	S-23-295 SC-101 TO CJ AT SC-14										Completed	RECON &REHAB
2015	SC-418 GREENVILLE COUNTY TO S-30-704										Completed	RECON &REHAB
2015	S-30-76 GREENVILLE COUNTY TO US-76										Completed	RECON &REHAB
2015	S-39-221 SC-135 TO S-39-36										Completed	RECON &REHAB
2015	S-39-18 SC-88 TO S-39-18										Completed	RECON &REHAB
2015	S-39-283 S-39283 TO S-39-56										Completed	RECON &REHAB
2016	US-76 - PICKENS CO TO MAYS	Anderson									Completed	RECON &REHAB
2016	US-178 - I-85 NB/SB RAMPS	Anderson									Completed	RECON &REHAB
2016	US-178 - NEAR S-29 TO NEAR I-85 NB	Anderson									Completed	RECON &REHAB
2016	S-4-77 - US-29 TO BELTON DR	Anderson									Completed	RECON &REHAB
2016	S-4-1098 - SC-187 TO TWIN LAKES RD	Anderson									Completed	RECON &REHAB
2016	SC-28 - US-76 TO PICKENS CO	Anderson									Completed	RECON &REHAB
2016	SC-86 - NEAR I-85 TO GREENVILLE CO	Anderson									Completed	RECON &REHAB
2016	SC-88 - MECHANIC ST TO N ELM ST	Anderson									Completed	RECON &REHAB
2016	S-23-22 - NEAR US-25 TO SANDY FLAT	Greenville									Completed	RECON &REHAB
2016	S-23-52 - S-570 TO SC-8	Greenville									Completed	RECON &REHAB
2016	S-23-104 - HIWASSE DR TO NEAR S-133	Greenville									Completed	RECON &REHAB
2016	S-23-170 - OLD BUNCOMBE TO US-25	Greenville									Completed	RECON &REHAB
2016	S-23-170 - NEAR US-25 TO US-25	Greenville									Completed	RECON &REHAB
2016	SC-253 - CONEST TO REID SCH RD	Greenville									Completed	RECON &REHAB
2016	SC-288 - PICKENS CO TO US-276	Greenville									Completed	RECON &REHAB
2016	US-25 - NEAR W GA TO WHITEHORSE EXT	Greenville									Completed	RECON &REHAB



NON-GUIDESHARE PROJECTS CONTINUED													
PIN #	NON-GUIDESHARE PROJECTS		Previous Obligations	FY 2019	TIP						REMAINING COST (2026+)	FUNDING	
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TIP COST (2020-2025)		
2016	S-23-21 - US-29 TO US-276	Greenville									Completed		RECON &REHAB
2016	S-23-920 - SC 290 TO MILFORD CH RD	Greenville									Completed		RECON &REHAB
2016	SC-23-20 BRACKEN TO WHITEHORSE	Greenville									Completed		RECON &REHAB
2016	SC-253 - SC 291 TO CONE ST	Greenville									Completed		RECON &REHAB
2016	SC-291 - EDWARDS TO PINEY MTN	Greenville									Completed		RECON &REHAB
2016	SC- 291 - PINEY MTN TO STATE PARK	Greenville									Completed		RECON &REHAB
2016	SC-418 - GREENVILLE CO TO THOMPSON	Laurens									Completed		RECON &REHAB
2016	US-29 - GREENVILLE CO TO ARLINGTON	Spartanburg									Completed		RECON &REHAB
2016	US-29 - ARLINGTON TO PINE RIDGE	Spartanburg									Completed		RECON &REHAB
2019	US-29 - US-76 TO FAIRWAY GREEN	Anderson		6,757									RECON &REHAB
2019	US-29 - S-232 PLANTATION RD TO WHITEN RD	Anderson		↓									RECON &REHAB
2019	US-29 - WHITEN RD TO PINE TR	Anderson											RECON &REHAB
2019	SC-8 - PALMETTO RD TO SC-81	Anderson		3,768									RECON &REHAB
2019	HWY 25 - POINSETT HWY TO TIGERVILLE RD	Greenville		2,006									RECON &REHAB
2019	S. MAIN - ROE CENTER CT TO HWY 25	Greenville		3,571									RECON &REHAB
2019	POINSETT HWY - HWY 25 TO ABELIA RD	Greenville		↓									RECON &REHAB
2019	FORK SHOALS - REEDY FORK RD TO REEDY FORK RD	Greenville		3,284									RECON &REHAB
2019	FORK SHOALS - LOG SHOALS TO GEORGIA RD	Greenville		↓									RECON &REHAB
2019	FORK SHOALS - GEORGIA RD TO HWY 418	Greenville											RECON &REHAB
2019	OLD WHITE HORSE RD EXT - US-25 TO COLLINS RD	Greenville		1,889									RECON &REHAB
2019	ABERCROMBIE RD - US-14 TO BRYSON FORD RD	Laurens		476									RECON &REHAB
2019	CALHOUN MEMORIAL HWY - OLD GVL HWY TO RUHAMAH RD	Pickens		5,980									RECON &REHAB
2019	TIGER BLVD - OCONEE CO LINE TO WALL ST	Pickens		2,929									RECON &REHAB
2019	TIGER BLVD - COLLEGE AVE TO TIGER BLVD	Pickens		↓									RECON &REHAB
2019	GVL HWY - AMSTERDAM RD TO BLAKE SNAKE RD	Pickens		↓									RECON &REHAB
2019	CANNERY RD - DACUSVILLE HWY TO FARRS BRD RD	Pickens		995									RECON &REHAB
2019	CANNERY RD - CANNERY RD TO FARRS BRD RD	Pickens		↓									RECON &REHAB
2019	TABOR WOODS RD - FARRS BRD RD TO RICE RD	Pickens		↓									RECON &REHAB
P028821	BRIDGE US-29 AT S-23-75 - GREENVILLE	REHAB	2,460 P,C										BRIDGE REHAB
	BRIDGE US-29 AT US-29 - ANDERSON	REHAB											BRIDGE REHAB
0031268	BRIDGE S-4-75 AT US-29 - ANDERSON	REPLACEMENT	2,043 P,R	1,200 R		12,400 C							BRIDGE REPLACE
P027023	BRIDGE S-39-267 AT 12 MILE CREEK - PKNS	REPLACEMENT	3,419 P,R,C										BRIDGE REPLACE
0027178	BRIDGE S-23-164 AT ENOREE RIVER - GRVL	REPLACEMENT	1,352 P,R	2,657 C									BRIDGE REPLACE
P029127	BRIDGE S-42-75 AT TYGER RIVER - SPBG	REPLACEMENT	1,049 P,R	2,360 C									BRIDGE REPLACE
P029127	BRIDGE S-42-75 AT RESIN CREEK - SPBG	REPLACEMENT	924 P,R	2,360 C									BRIDGE REPLACE
P027834	BRIDGE S-23-335 AT ENOREE RIVER - GRVL	REPLACEMENT	7,773 C										BRIDGE REPLACE
P027719	BRIDGE S-23-164 AT ENOREE RIVER - GRVL	REPLACEMENT									Complete		BRIDGE REPLACE
P027234	BRIDGE S-23-526 AT N SALUDA - GRVL	REPLACEMENT											BRIDGE REPLACE
P027839	BRIDGE S-23-191 AT HOWARD BR - GRVL	REPLACEMENT											BRIDGE REPLACE
P027845	BRIDGE S-23-384 AT BRUSHY CREEK - GRVL	REPLACEMENT											BRIDGE REPLACE
P027810	BRIDGE S-23-270 AT S TYGER RIVER - GRVL	REPLACEMENT											BRIDGE REPLACE
P027846	BRIDGE S-23-154 AT PAYNE BRNCH - GRVL	REPLACEMENT											BRIDGE REPLACE
P038696	BRIDGE S-23-93 AT BEAVERDAM CR - GRVL	REPLACEMENT											BRIDGE REPLACE
P027812	BRIDGE S-23-132 AT ARMSTRONG CR - GRVL	REPLACEMENT											BRIDGE REPLACE
P027813	BRIDGE S-23-456 AT HORSE CREEK - GRVL	REPLACEMENT											BRIDGE REPLACE
P028355	BRIDGE S-23-272 AT REEDT - GRVL	REPLACEMENT	750 P,R	5,500 C									BRIDGE REPLACE
P038260	BRIDGE S-154 OVER HUFF CREEK - GRVL	REPLACEMENT		1,000 P			125 R	3,043 C					BRIDGE REPLACE

NON-GUIDESHARE PROJECTS CONTINUED												
PIN #	NON-GUIDESHARE PROJECTS	Previous Obligations	FY 2019	TIP						TIP COST (2020-2025)	REMAINING COST (2026+)	FUNDING
				FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025			
	I-85 (WIDEN TO 8 LANES FROM US 25 TO SC 129) *									Complete		NHS/IM
	I-385 (WIDEN TO 6 LANES FROM NORTH OF S-272 TO I-85)									Completed		NHS/IM
0038111	I-85 @ I-385 (EXIT 51)	P										NHS/IM
	SC 101 @ S-23-135 INTERSECTION									Completed		SAFETY
	SC 146 @ SC 417 INTERSECTION									Completed		SAFETY
	S-23-50 @ S-23-1912 INTERSECTION									Completed		SAFETY
	SC 101 @ S-23-546 INTERSECTION									Completed		SAFETY
	SC 290 @ S-23-171 INTERSECTION									Completed		SAFETY
	SC-291 @ S-23-7 INTERSECTION									Completed		SAFETY
	SC-8 @ S-4-485 INTERSECTION									Completed		SAFETY
	US-178 @ S-39-64 & S-39-326 INTERSECTION									Completed		SAFETY
	SC-186									Completed		SAFETY
	S-4-485									Completed		SAFETY
	US-178									Completed		SAFETY
	S-39-250									Completed		SAFETY
	S-23-46									Completed		SAFETY
	S-23-920 (Old Rutherford Rd) at Old Greer Town Road									Completed		SAFETY
	S-23-132 (Old Hunts Bridge Rd)									Completed		SAFETY
	S-23-159 (Garrison Rd)									Completed		SAFETY
	S-23-279 (Reid School Rd)		75 R	850 C								SAFETY
	S-23-543 (Fairview St Ext/Greenpond Rd)									Completed		SAFETY
	S-23-139 (Thomas Mill Rd)									Completed		SAFETY
	S-23-140 (Winding Creek Rd)									Completed		SAFETY
	SC-153 Corridor (East and West of SC-81)	600 R,C										SAFETY
	SC-146 Corridor (S-23-183 to S-23-654)	300 P										SAFETY
	US-25 Corridor (I-85 to S-23-782)	300 P										SAFETY
	US-29 CORRIDOR SIGNAL RETIMING	3,000										NHS/IM
	I-85 CORRIDOR MANAGEMENT PLAN									Completed		NHS/IM
P27368	I-85 (WIDENING FROM NEAR SC153 (EXIT 40) TO NEAR SC-85 (EXIT 69)	55,720 P,R,C	10,000 C 442,000 AC	10,000 C 272,500 AC 147,333 ACC	238,166 ACC					\$667,999		NHS/IM
	I-85 REHAB FROM MM 47-49, MM 54-56									Complete		NHS/IM
0040770	I-85 REHAB FROM MM 56-68									Complete		NHS/IM
P027223	I-385 REHAB FROM MM 36.69-42.1	30,000 P,C										NHS/IM
	I-385 (WIDEN TO 6 LANES FROM NORTH OF S-272 TO I-85)									Fully Obligated		NHS/IM
0038111	I-85 @ I-385 (EXIT 51)	12,000 P 270,000 C								Fully Obligated		NHS/IM SIB
P038111	I-85 @ Rocky Creek Bridge		1,200 P 44,000 C									NHS/IM
EXEMPT SUBTOTAL		\$397,983	\$547,088	\$434,102	\$250,816	\$2,366	\$3,263			\$690,547		

\* - Funding amounts are shown for full rehab packages, which include segments outside of GPATS, not shown.

Transit Projects													
PIN #	FEDERAL TRANSIT ADMINISTRATION	FY 2016	FY 2017	SUMMARY 2017*	Current FY	TIP (Extrapolated)							FUNDING
					FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
	GREENVILLE URBANIZED AREA (CA)	2,887	3,087	5,974	3,311	3,354							FTA SECTION 5307 & 5340
	Greenville Transit Authority	1,935	2,192	4,128	2,424	2,192	2,192	2,192	2,192	2,192	2,192	2,192	
	Capital	442	424	866	461								
	Operating	100	461	561	509								
	Enhancements/Improvements		0	0									
	ADA	193	219	412	242								
	Planning Adminstration		0	0									
	Preventative Maintenance	1,200	1,088	2,288	1,212								
	Clemson Area Transit	952	895	1,847	888	895	895	895	895	895	895	895	
	Capital			0									
	Operating	660	586	1,246	395								
	Enhancements/Improvements			0									
	ADA		1	1									
	Planning Adminstration/Security	10	10	19	9								
	Preventative Maintenance	283	229	512	483								
	GREENVILLE URBANIZED AREA (PL)	100		100	160								FTA SECTION 5303
	MAULDIN-SIMPSONVILLE URBANIZED AREA (CA)	1,709	875	2,584	1,462	1,614	875	875	875	875			FTA SECTION 5307
	MAULDIN-SIMPSONVILLE URBANIZED AREA (PL)												FTA SECTION 5303
	GREENVILLE - ELDERLY AND DISABLED TRANSIT PROGRAM (CA)	360	356	716	398	364	356	356	356	356			FTA SECTION 5310
	-- Senior Solutions	223		223									
	-- Turning Point of SC	92		92									
	-- Turning Point of SC A	45	27	72									
	-- Turning Point of SC B		73	73									
	-- Senior Solutions		151	151	156								
	-- Turning Point of SC		106	106									
	GREENVILLE - BUS AND BUS FACILITIES PROGRAM (CA)	528	277	805	398	364	277	277	277	277			FTA SECTION 5339
	-- GTA Capital Purchase	354	197	551	291	252	197	197	197	197			
	-- CAT Capital Purchase	174	80	254	107	112	80	80	80	80			
	-- CAT Low/No Grant	3,905		3,905									5339(c)
	-- GTA Low/No Grant		1,450	1,450									5339(c)
	STATE MASS TRANSIT FUNDING	441	369	810	546	505	342	342	342	342			SMTF
	-- GTA SMTF	296	262	558	447	400	243	243	243	243			
	-- CAT SMTF	145	107	252	99	105	99	99	99	99			
	SCDOT Vehicle Replacement Initiative												FTA SECTION 5307
	-- GTA Capital Purchase	2,134	2,134	4,267									
		377	60	437									SMTF
	-- CAT Capital Purchase	2,338	2,338	4,675									5037
		413	500	913									SMTF
FTA SUBTOTAL		18,078	14,533	32,611	\$9,586	\$9,288	\$ 4,937	\$ 4,937	\$ 4,937	\$ 4,937	\$ 3,087	\$ 3,087	

\* FY 2017 funds are a summation of FY2013-2017. This is to comply with the FY2017-2022 STIP. Please refer to the previous years to reference the allocation amount.

Transportation Alternatives Program Projects														
PIN #	TAP Program			Previous Obligations	FY 2019	TIP						REMAINING COST (2026+)	FUNDING	
	Year	Priority	Jurisdiction/Projects			FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TIP COST (2020-2025)		
		1	Anderson County SC 81 Sidewalks											TAP 20% Local Match
		2	City of Clemson/Pickens CTC Berkely Drive Shared Use Path											TAP 20% Local Match
P029824	2013	3	City of Simpsonville Simpsonville Swamp Rabbit Trail	280										TAP 20% Local Match
P028261	2013	4	Anderson School District One Ragsdale Road Sidewalks	200										TAP 20% Local Match
	2013	5	City of Easley Brushy Creek Greenway Phase 1&2	534										TAP 20% Local Match
		6	City of Mauldin Fowler Circle Multi-Use Path											TAP 20% Local Match
P029891	2014	1	City of Greenville Woodruff Road Sidewalks	361										TAP 20% Local Match
P030103	2014	2	Anderson School District Four Riverside Middle School Sidewalks	250										TAP 20% Local Match
	2015	1	Greenville County Poinsett Corridor Pedestrian and Landscaping	1,245										TAP 20% Local Match
P032168	2015	2	Town of Williamston Minor Street Sidewalk Project - Phase I	200										TAP 20% Local Match
P038476	2016	1	City of Greenville Haywood Road Sidewalks	400										TAP 20% Local Match
P028261	2017	1	Anderson County Ragsdale Road Sidewalks Additional Funding	320										TAP 20% Local Match
P038173	2017	2	City of Fountain Inn Woodside Park Connector	351										TAP 20% Local Match
P038168	2017	3	City of Pickens Pickens Downtown Doodle Connector	404										TAP 20% Local Match
	2019	1	Town of Central Southern Wesleyan University to Town of Central Pedestrian/Bike Connector	643										TAP 20% Local Match
			TAP OBLIGATION	(5,189)	0	0	0	0	0	0	0			
			ANNUAL TAP ALLOCATION		656	656	656	656	656	656	656	3,937		
			FUNDING ADVANCEMENT	1,244	622	622	622							
			ADVANCEMENT REPAYMENT		622 (13)	622 (13)	622 (14)	622 (15)	622 (16)	622 (17)	622 (18)			
			BALANCE	(3,945)	(3,289)	(2,633)	(1,976)	(1,942)	(1,908)	(1,874)	(1,840)			
			TAP TOTAL		0	0	0	0	0	0	0			
FY 2020-2025 TIP GRAND TOTAL					\$577,726	\$461,539	\$265,612	\$21,203	\$22,149	\$18,837	\$1,800	\$791,140		

KEY: P - PRELIMINARY ENGINEERING, R - RIGHT OF WAY, C - CONSTRUCTION



Greenville County Planning Department

301 University Ridge, Suite 3800  
Greenville, SC 29601  
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[www.greenvillecounty.org](http://www.greenvillecounty.org)

Attachment 6

## MEMORANDUM

**TO:** GPATS Policy Committee

**FROM:** GPATS Staff

**DATE:** June 3, 2019

**SUBJECT:** FY 2020-2021 Unified Planning Work Program

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Attached please find **Attachment 6.2** the Financial Statements for the FY 2020-2021 Unified Planning Work Program.

GPATS is working with SCDOT, FHWA, and FTA on document review, and per usual is providing the Financial Summaries for review and adoption by the Study Team and Policy Committee. The draft document may be found at [www.gpats.org](http://www.gpats.org).

FY 2021 is currently “illustrative,” in that we are projecting expected costs and carryovers from FY 2020. In May of 2020, GPATS will be ratifying the FY 2021 UPWP financials or adopting changes as required.

Of note in the FY2020 UPWP Tasks are:

- The Inclusion of the Greenville County TOD Study, non-PL funded but required to be listed by FTA
- The Travel Demand Model to be worked on by ACOG with GPATS (and SPATS/ANATS) support
- The new GPATS Interactive Mapping Project

**The Study Team has reviewed this item and recommends Approval by Consensus without objection.**

**The Policy Committee will be asked to approve the GPATS 2020-2021 Unified Planning Work Program, which shall provide funding, staffing, and programs for GPATS in the coming two Fiscal Years.**

## 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
<b>TOTALS</b>	<b>173,192</b>	<b>692,769</b>	<b>865,961</b>

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	9,161.73
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 (DRAFT — To be Ratified based on financials at end of FY2020)

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
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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.



**Greenville County Planning Department**

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Attachment 7

**MEMORANDUM**

**TO:** GPATS Policy Committee

**FROM:** GPATS Staff

**DATE:** June 3, 2019

**SUBJECT:** Passenger Movement and Rail Planning

---

At the request of Chairman Kirven, a presentation will be made to the GPATS Policy Committee regarding the state of planning for Passenger Movement in high-capacity systems, with a particular emphasis on Rail.

Keith Brockington, GPATS Transportation Planning Manager, and Doug Frate, Director of Intermodal and Freight Programs with SCDOT, have been a part of statewide, regional, and national efforts to improve higher-capacity services in South Carolina, and will present on recent, current, and future efforts.

Topics of the presentation will include:

- GPATS Planning efforts in the Horizon2040 Long-Range Transportation Plan
- SCDOT Multimodal Plan Updates
- Congestion Management Planning Efforts
- An Overview of the Southeast Rail Coalition
- Peer comparison to progress made by North Carolina on the Crescent Line
- Immediate, Near, and Long-term Planning Efforts

**This item is being provided for informational purposes only, and no action is required by the GPATS Policy Committee at this time.**





Greenville-Pickens Area Transportation Study  
301 University Ridge, Suite 3800  
Greenville, SC 29601  
(864) 467-7270  
[www.gpats.org](http://www.gpats.org)

April 25, 2018

K. Jane Williams, Acting Administrator  
Federal Transit Administration  
Office of the Administrator  
1200 New Jersey Avenue, SE  
Washington, DC 20590

Re: Greenville Transit Authority Low or No Emission Vehicle Program 5339(c) Application

Dear Ms. Williams:

On behalf of the Greenville-Pickens Area Transportation Study (GPATS), I am writing to express support of the Greenville Transit Authority's 5339(c) Grant Application to expand their electric bus fleet and charging infrastructure in Greenville County, South Carolina. We believe the Low or No Emission Vehicle Program (Low-No) funding is vital for Greenville Transit Authority's fleet, as the agency retired nine 2002 Chance Optima coaches from their fleet over the years 2017-2019, bringing their total fixed route coach fleet from 21 vehicles to just 12. The fleet recently expanded to 16 with the addition of 4 Proterra Catalyst E2 electric battery-buses. Low-No offers the perfect opportunity to partner with Proterra, an electric bus manufacturer located right here in Greenville, to expand the fleet to provide enhanced services with no emission buses.

Additionally, this opportunity will help the Greenville Transit Authority (d.b.a. Greenlink) implement its 2020-2024 Transit Development Plan (TDP). The first phase of the TDP calls for expanding Greenlink's hours of service from the current end time of 7:30 p.m. to run until 11:30 p.m. Monday-Friday. The expected implementation date of expanding service hours is October 2019, pending approval of a funding request to Greenville County. This expansion of hours will place a strain on the existing electric buses' battery charge capacity, potentially requiring a mid-day swap of vehicles. Adding to Greenlink's electric fleet will enable a smooth transition between fleet during the service day. The TDP then calls for increasing the frequency of service from 60-minute headways to 30-minute headways by 2023. In order to achieve this improvement, Greenlink needs to begin procuring buses as soon as possible in order to accommodate for the increase in frequency.

With Proterra located in Greenville County, SC – the technical expertise to implement this project quickly and efficiently is in our backyard. This grant offers a great opportunity to partner with a local manufacturer and build community engagement around Greenlink's system.

Furthermore, the expansion of no emission vehicles in Greenville County will only continue to foster the innovation that drives the Greenville community. Our neighboring transit authority – CATBus, operating in Pickens County – has secured electric buses in Seneca, SC and Clemson, SC. By expanding electric buses in Greenville County, this is an unprecedented opportunity to broaden the entire urbanized area's sustainability efforts.

The Low-No opportunity allows the Greenville Transit Authority the opportunity to further its positive impact on the community by addressing sustainability issues and deploying environmentally-friendly modes of transportation for the public, fostering a healthier community and improving quality of life for all.

We have worked closely with the Greenville Transit Authority for over 10 years and are fully committed to the future of this region. GPATS serves as the FTA Designated Recipient for Transit within the UZA, and coordinates planning and activities between GTA/Greenlink, other transit partners, SCDOT, FHWA, and all the jurisdictions of our MPO. Promoting better Transit operations is crucial to the GPATS mission as established in our LRTP and a new maintenance facility for GTA/Greenlink would go a long way in improving regional transit service.

We support this application without reservation and ask that you please give it serious consideration. Should you have any questions, please do not hesitate to contact me.

Sincerely,



H. G. "Butch" Kirven, GPATS Chairman