

AGENDA
GPATS POLICY COORDINATING COMMITTEE
JUNE 20, 2016
Suite 400 - Greenville County Square
10:00 a.m.

1. **CALL TO ORDER / WELCOME AND INTRODUCTIONS** *Chairman
Councilman Butch Kirven*
- action:** 2. **APPROVAL OF THE APRIL 18, 2016 COMMITTEE MINUTES** Attachment 1
3. **PUBLIC COMMENT** *Chairman
Councilman Butch Kirven*
4. **SCDOT PROJECT STATUS UPDATE** Attachment 2
*Tommy Elrod, PE
SCDOT Project Manager*
5. **2016 TRANSPORTATION ALTERNATIVES PROGRAM UPDATE** Attachment 3
*Keith Brockington
GPATS Transportation Manager*
- action:** 6. **GPATS 2016-2021 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT #4** Attachment 4
*Keith Brockington
GPATS Transportation Manager*
- action:** 7. **UNIFIED PLANNING WORK PROGRAM FY2016-2017** Attachment 5
*Keith Brockington
GPATS Transportation Manager*
8. **GPATS 2040 LONG-RANGE TRANSPORTATION PLAN KICK-OFF** Attachment 6
*Keith Brockington
GPATS Transportation Manager*
- action:** 9. **CLEMSON AREA TRANSIT SECTION 5339(c) "LoNo" GRANT PRESENTATION** Attachment 7
*Heather Lollis
Clemson Area Transit, Planner*
10. **OLD BUSINESS**
11. **NEW BUSINESS**
12. **ADJOURN**

MINUTES
GPATS POLICY COORDINATING COMMITTEE
April 18, 2016
Suite 400 – County Square
10:00 a.m.

MEMBERS PRESENT: Chairman Butch Kirven, Vice Chairman Senator Martin, Representative Smith, Representative Burns, Representative Loftis, Representative Collins, Councilor Meadows, Councilor Payne, County Council Chair Taylor, Councilor Norris, Commissioner Willard, Commissioner Davis, Mayor Cook, Mayor Lee, Mayor Raines, Mayor Danner, Mayor Durham, Mayor Curtis, Mayor McCall, Keith Brockington and Matt Carter

OTHERS PRESENT: E. Vinson, H. Hahn, S. Julius, B. Hansley, H. Gamble, E. Dillon, T. Elrod, J. Chasteen, M. Freeman, H. Lollis, J. Gardner, A. Babinicz, M. Richards and S. Yudice

CALL TO ORDER

Chairman Kirven called the meeting to order at 10:00 a.m.

APPROVAL OF THE MINUTES OF THE FEBRUARY 22, 2016 COMMITTEE MEETING.

MOTION: Without objection the minutes of the February 22, 2016 Committee meeting were approved unanimously by voice vote.

PUBLIC COMMENT

There were no individuals signed up to speak.

SCDOT PROJECT STATUS UPDATE

Tommy Elrod addressed the Committee members with an update of projects within the GPATS area as were provided in the agenda packets. The I-85, 385 interchange has begun and there is a web site (85385gateway.com) which will provide information on the progress and plans for the project. He stated the I-385 pavement rehab project should begin in July or August. Mr. Elrod stated a new project which was in the SCDOT STIP, would look at a location along I-85 to build a park and ride lot. He mentioned the Church Street Bridge at McBee Avenue needing repair and the project would be put out to bid in December and early next year the project would begin. Mr. Elrod spoke of sidewalk projects and went over guideshare project status. He mentioned the 153 project and work was still being done regarding mitigation. He stated a site near Pumkintown was being intended for purchase to use for mitigation. Salters Road

received bids in November and in May the project would begin with Salters Road being closed about 14 months.

Representative Burns asked about the 290/253 project which was scheduled for completion in April, when would the project be completed.

Mr. Elrod stated the only information he had stated summer, he would guess that to be June.

2016 TRANSPORTATION ALTERNATIVES PROGRAM UPDATE

Keith Brockington informed the Committee of the annual cycle for the Transportation Alternative Program received two applications, one from the City of Greenville for sidewalks along Haywood Road and the other from the City of Mauldin for Fowler Circle Multi-Use path. He stated the two projects fit within the allocated amount of \$643,694 and final inclusion of the projects into the GPATS TIP (Transportation Improvement Program) will occur in June.

GPATS 2016-2021 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT #3

Mr. Brockington addressed the Committee with an amendment to the Transportation Improvement Program to breakout into categories the GTA FY2015 allocation of Section 5307 as follows:

- Capital: \$142,597
- Operating: \$1,000,000
- Enhancements: \$20,703
- ADA: \$207,033
- Maintenance: \$700,000

MOTION: By Councilor Payne, seconded by Mayor Danner to approve the Amendment #3 to the GPATS 2016-2021 Transportation Improvement Program. The motion carried unanimously by voice vote.

EAST BUTLER ROAD CORRIDOR PLAN PRESENTATION

John Gardner addressed the Committee with a PowerPoint presentation illustrating the East Butler Road Corridor Plan which was done with the help of Toole Design Group and Sprague & Sprague Consulting Engineers. He stated the stretch of road which the study encompasses is a stretch that citizens feel has a bigger role in defining the feel and look of the community than anything else. Mr. Gardner gave some background information regarding the project which dated back to the GRATS time. He stated the project went into the 2000 Long Range Transportation Plan as a four lane road. The SCDOT no longer builds the four lane roads and their Advance Project Report came back with a five lane roadway. There has been much opposition to a five lane road from the community and

businesses as Right of Way is constrained. He stated they had attempted to make the street fit the community. We heard what people wanted out of this street. He stated they made people a priority and heard concerns of minimizing impact on properties, mitigate congestion, address safety and drainage and improve the character and look of the roadway. Mr. Gardner illustrated where most accidents have occurred. He stated they were not expecting a huge amount of growth in the area. He illustrated three sections of the road and provided the suggestions for each. Mr. Gardner stated he felt they could maintain accessible operations with intersection improvements only.

MOTION: By Senator Martin, seconded by Mayor Raines to endorse the East Butler Road Corridor Plan. The motion carried unanimously by voice vote.

Mayor Raines complimented Mr. Gardner on the work that had been done on the plan.

Representative Smith endorsed the plan and commented on the problems that would occur if a five lane roadway was to be made. He also complimented Mr. Gardner on the plan.

The motion to endorse the East Butler Road Corridor Plan carried unanimously by voice vote.

GPATS 2040 LONG-RANGE TRANSPORTATION PLAN KICK-OFF

Keith Brockington updated the members of the Committee with the anticipated contract signing with a consultant to be mid-April and formal kickoff of LRTP on May 1st. He stated staff had spent the last few months gathering data and holding internal discussion to prepare. He provided a tentative schedule for the plan. Mr. Brockington stated once the contract has been signed the Policy Committee will be given the opportunity to meet with the consultants to coordinate LRTP expectations and ideas. We are expecting to sign on Kimley Horn and Associates and they have Alta Planning and Design subcontracting and OLH Incorporated. The meeting will be set the first month or so of the process and all Policy committee members will be encouraged to attend.

Chairman Kirven asked the committee members to let him know what possible dates they could be available to have the meeting with the consultants.

Mayor Cook suggested the Chairman provide several dates and times and allow the members to pick.

A suggestion was made to perhaps schedule the meeting with the consultants in the evening or even on a Saturday.

TIGER VIII GRANT PRESENTATION

Keith Brockington addressed the committee members on the status of the TIGER VIII Grant application. He stated in 2015 the City of Greenville and Greenville County submitted an application for the SCDOT TGER Grant VII round. The application was widely praised and supported locally and was very nearly accepted and funded by USDOT Secretary Foxx. He stated building on that momentum the City and County of Greenville are again applying for TIGER VIII. The application was similar to the previous application, taking into consideration the lessons learned, refining budgets and details and overall strengthening the application. He stated if received, the grant will transform the current Greenlink transit system, it calls for the creation of circulator routes to connect West Greenville and other underserved neighborhoods within the City of Greenville as well as the municipalities. The grant requests funding for activation of the Greenville County's railroad corridor to extend the Swamp Rabbit Trail from E. Washington Street to CU-ICAR. Activation of the corridor includes a connection to the community of Arcadia Hills and Verdae. Mr. Brockington requested the Committee's endorsement of the submission of the grant.

Mayor Raines asked why the Swamp Rabbit extension is not going towards Mauldin and Simpsonville?

Mr. Brockington stated the projects had to be shovel ready in order to qualify for the application. He stated although Mauldin and Simpsonville did not have a shovel ready project, it would see expanded transit service.

MOTION: By Councilor Payne, seconded by Mayor Danner to endorse the TIGER VIII application.

Mayor McCall stated the study done by Furman University pertaining to the Swamp Rabbit Trail is available on line showing the total users of the trail, walkers and cyclists. It is amazing the number of people utilizing the trail. He stated he thought about 30% of the users of the trail are from outside Greenville County.

The motion on the floor carried unanimously by voice vote.

Chairman Kirven thanked the Commissioners Willard and Davis for being in attendance.

Mr. Davis spoke about the roads bill being taken up at this time. He noted he felt the current SCDOT staff was a good, strong, efficient group led by a terrific leader in Christy Hall. He stated there may have been some issues in the past, no funding issues, and no embezzling issues. He stated he felt from here on out there would be good work seen from the staff and Commission. Mr. Davis stated he felt the Commission was the transparency for the SCDOT and an important oversight group in the process. The main thing he said was to find out what the funding was going to be and to know the funding would be there next year and the next year so some planning can be done.

Mr. Willard concurred with Mr. Davis and was glad the audit came back indicating no fraud or mismanagement of funds which had been claimed. He felt it brought to light a lot about prioritization. He stated with funding being tight the state would have to look more at its freight corridors and he did not feel there would be much in the area of funding local projects. Mr. Willard stated he felt the MPO's would need to look at capacity issues primarily done with a number of intersection type improvement projects.

Representative Smith updated the committee on issues that took place in the South Carolina House last week with the Roads Bill. Currently it is being looked at to see if it really deals with the issue of funding. Dealing with restructure/reorganization the House took a very good look at the LAC (Legislative Audit Council) report and their findings concerning the internal audit process and moved that process under the State Auditor where it would have that independent support. Representative Smith stated on the budget side they identified funding sources as they have been that made sense to be put into the Department of Transportation Trust Fund. This year an additional 65 million dollars from the vehicle sales was moved into the fund, which has been done for the past three years. An additional 115 million dollars in fees, such as driver's license fees into the DOT Trust Fund. They will continue to look for funding sources.

Councilwoman Norris stated she was very supportive of the leadership role of Christy Hall.

Councilor Payne appreciated Representative Smith's explanation. He mentioned in 2014 there was a referendum that would have help Greenville County roads but was defeated because there was so much talk about there being enough money to do what needed to be done. He asked what the possibilities were that the State would find the money to meet the needs or would encourage the counties to find monies.

Representative Smith stated several areas would need to be looked at before looking elsewhere, such as gas tax for the needed funds.

Mr. Carter asked had there been discussions regarding transit.

Representative Smith stated they have not had any discussions regarding transit.

OLD BUSINESS

There was no old business.

NEW BUSINESS

There was no new business.

ADJOURNMENT

There being no further business, and without objection the meeting adjourned at 11:30 a.m.

Submitted by Recording Secretary

MINUTES
GPATS POLICY COORDINATING COMMITTEE
June 20, 2016
Suite 400 – County Square
10:00 a.m.

MEMBERS PRESENT: Chairman Butch Kirven, Representative Smith, Representative Burns, Representative Loftis, Councilor Meadows, County Council Chair Taylor, Councilor Norris, Commissioner Willard, Commissioner Davis, Mayor Raines, Mayor Danner, Mayor Durham, Milton Shockley, Keith Brockington and Matt Carter

OTHERS PRESENT: E. Vinson, H. Hahn, S. Julius, E. Dillon, T. Elrod, J. Chasteen, M. Freeman, H. Lollis, J. Gardner, A. Babinicz, S. Jackson, P. Gucker, D. Dryhaug, H. Gamble, D. Cooper, M. Rickard

CALL TO ORDER

Chairman Kirven called the meeting to order at 10:10 a.m. He announced there was not a quorum at this time and the actions items would not be taken up. Chairman Kirven stated he would move the items to the called meeting on June 29, 2016 at 11:00 a.m. He stated at that time Kimley Horn consultants would be presenting their plan for the Long Range Transportation Plan process and would be available for any questions the Committee might have.

PUBLIC COMMENT

There were no individuals signed up to speak.

SCDOT PROJECT STATUS UPDATE

Tommy Elrod addressed the Committee members with an update of projects within the GPATS area as were provided in the agenda packets. He stated the I-85 widening project currently had two consultants working on a 12 mile segment from White Horse Road to SC 101. He stated with additional funding from the State Legislature it has been expanded out to be able to make some improvements from the Powdersville exit at SC 153 to pretty much all the way to Spartanburg. The I-385 Pavement Rehabilitation project did not receive any bids in May, so the design was revised and would receive new bids in August. Mr. Elrod mentioned again the Church Street Bridge over McBee as the bridge deck was in bad shape. He stated by next spring there may just be one lane in and one lane out for a few weeks. Mr. Elrod noted they were working through some challenges with the railroad on a TAP project in Simpsonville. He stated the SC 290 Guideshare Project in Greer was expected to be completed in mid-July 2016. Roper

Mountain Road between Garlington and Feaster has been under construction for a while

Chairman Kirven asked about the S-164 Batesville Road project. He asked had all the right of ways acquisitions been acquired.

Mr. Elrod stated all the necessary right of way had not been acquired and work is continuing.

Chairman Kirven asked if construction was still scheduled for the summer of 2017.

Mr. Elrod stated that was correct, bids would be accepted in February.

Mr. Elrod stated Roper Mountain Road between Garlington and Feaster, had Sloan Construction working with the bulk of the work to be complete mid-July. He stated the intersection at US 188/SC 93 in Liberty had bids open in February with Thrift Development as the low bidder. Construction scheduled to begin in June and completion expected in late 2016. He stated SC 153 in Easley was still obtaining right-of-way, expecting to have a permit in October with construction bid opening scheduled in February 2017. Mr. Elrod stated Salters Road has been closed and late this week the demolition on the bridge is expected to begin. The goal is to have it open July of 2017. He stated US 178; Ann Street in Pickens is in the process of obtaining right of way with construction beginning early 2017. The Woodruff Road widening and improvements to Scuffletwon Road is scheduled to begin by summer 2017. The Woodruff Road Parallel is in the consultant selection process, right-of-way acquisition schedule to begin FY 18 and construction in FY 2021. The SC 153 Corridor Improvements in Powdersville has underway the preliminary engineering with right-of-way acquisitions scheduled for FY18 and construction for FY19/20.

Representative Burns asked if the 153 extension project would impact Kay Drive.

Mr. Elrod stated he was not familiar with Kay Drive.

Representative Smith asked if some of the bridges were the ones money had been allocated for several years ago.

Mr. Elrod stated he thought some of the bridges might be, he was not that familiar with the bridge projects.

Representative Smith asked if some of the delay in the bridges were due to obtaining permits from Corp of Engineers.

Stephanie Jackson-Amell, SCDOT District 3 Engineering Administrator stated some delays may have been due to obtaining permits, depending on what type of permits were required. Additionally she stated some delays may have been due to the updated Floodplain Maps.

Councilwoman Norris asked if there was an update to the Hampton Avenue Bridge Project.

Hesha Gamble, County Engineer stated there was a contractor on board and work was continuing with the Rail Road, some legal issues were being worked out.

Councilwoman Norris stated she was not very happy about this.

2016 TRANSPORTATION ALTERNATIVES PROGRAM UPDATE

Keith Brockington informed the Committee members with the two projects accepted into the GPATS TAP and will be placed in the Draft GPATS TIP. The projects are the City of Greenville – Haywood Road Sidewalk - \$400,000 + match and City of Mauldin – Fowler Circle Multi-Use Path - \$63,050 + match. The Policy Committee will be asked to adopt these projects into the TIP at the June 29, 2016 meeting.

GPATS 2040 LONG-RANGE TRANSPORTATION PLAN KICK-OFF

Keith Brockington updated the members of the Committee members with an announcement of Kimley Horn being the consultant on board for the Long Range Transportation Plan update. He stated the called meeting on June 29, 2016 will allow the Committee to vote on the items they were unable to vote on today as well as information from Kimley Horn. The agenda will consist of three parts, the first being General Information, the second, interactive sessions with the Policy Committee and third, a question and answer time.

Mr. Kirven asked if there were any comments from the members of the Delegation or State Representatives would like to say a few words about the roads bill.

Representative Smith stated although the bill was not what everyone wanted, it was a good start. He stated it was not the “do all” or “end all” but they will continue to look at other means of funding. He stated this year there were a number of revenue sources moved from the Department of Motor Vehicles into the DOT Trust Fund. Representative Smith stated he felt everyone felt good about the staff changes at DOT and feel very comfortable with the people in place now.

Representative Burns stated they knew they were not at the end of the line, and the public does not understand for example, monies from three years ago are just now coming in to get ready to take action. He stated it would take time for the money that was allocated this year to actually pave roads and change bridges. He felt the general public was going to be in for a rude awakening that things all of a sudden are not happening. Whether locally there should be participation is food for thought.

Representative Loftis stated continued funding would need to be addressed, a direct source. Some funds have been diverted to the roads. He stated there were several plans out there, he was not in favor of increased taxes, but there was a House plan to reduce income tax and put a gas tax on. There were some other options. He stated we are going to have to have a continued resource and he did not think the public has thought through there are five interstates coming into the state and the inland port. There is a lot of fuel cost expended that we do not receive any revenue from.

Chairman Kirven stated everyone appreciated the hard work they had done.

Mayor Danner stated he also appreciated the efforts the Legislature did this year, and urged they consider different alternatives at the State level to possibly expanding an option for sales tax. He stated he had visited both Mount Pleasant and Rock Hill and they both had done incredible work with the roads in their areas.

Commissioner Davis stated the Commission and the DOT are pleased to have the Road Bill passed. There were a lot of ideas, a lot of back and forth. He agreed with Representative Burns that citizens think we got a 2 billion dollar check and within a year all these roads are going to be fixed. Commissioner Davis stated of course that was not true, over a ten year period that would be 200 million dollars a year. For DOT that was a drop in the bucket for one or two highways for repair. He stated he appreciated the Bill, but it was a long range project that can take years to get things done. There needs to be the stable, dependable you can count on every year kind of solution, which hopefully will come next year to allow us to have some additional money.

Commissioner Willard stated from the restructuring stand point, it did clarify, it began that process. The Secretary of Transportation has been given the task that this person has been sort of performing and asking the Commission to approve. The Commission is interested and wants to take the role of oversight, to provide policy, to provide a direction and basically get out of the way of the professionals. Hopefully that will improve project delivery as well as timeliness. The Commission will be coming back to the Legislature this year to "clean up" some of the issues that fell through the cracks. He stated he felt there would be improvements under Secretary Hall.

Commissioner Davis added a comment about the LAC (Legislative Audit Council) report. He stated it was a good thing; it pointed out there was absolutely no fraud, no ethical problems, no mistreatment of funds or people. It gave some good ideas of things that needed to be worked on, cleaned up. Secretary Hall had begun many of those same

things the LAC pointed out. Commissioner Davis stated he could not speak to things in years past, but since he has been on the Commission, the “horse trading” you hear about is just not happening. It is done by a strict priority list, ACT 114 list. He felt under Secretary Hall the trust of the Legislature and of the people will improve.

Representative Smith noted to put things in perspective; the 200 million dollars a year, just the I-20, I-26 project, the number one project would be 1.3 billion dollars for it alone.

Representative Smith thanked Secretary Hall, Stephanie and her staff for the hard work they have done to streamline the permitting process.

Chairman Kirven recognized the GPATS Study Team members and the work they do behind the scene.

OLD BUSINESS

There was no old business.

NEW BUSINESS

There was no new business.

ADJOURNMENT

There being no further business, and without objection Chairman Kirven the meeting adjourned at 10:55 a.m.

Submitted by Recording Secretary

GPATS Projects Status Report – May, 2016

Non-Guideshare Projects

Interstate

I-85/I-385 Interchange: 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 Roads; construct auxiliary lanes and widen ramps on I-85 between Pelham Road and I-385; add collector-distributor roads along I-385 and replace loop ramps with directional ramps; this project will also replace the Roper Mountain Road bridge over I-85, improve the Woodruff Road @ Garlington/Miller Roads intersection and other improvements to Woodruff Road between I-85 and Market Point Drive, and upgrade the traffic signals on Woodruff Road between Roper Mountain Road/Verdae Boulevard and SC 14; cost proposals opened 8/6/14, with Flatiron Constructors/Zachry Construction Corp Joint Venture the winning team, with a low bid of \$231,116,087 and a construction time of 1,035 days, starting 12/14/2015 (NTP #2); construction activities began late January 2016, with substantial completion expected late 2018

I-85 Widening from Pelham Road to SC 101: widen selected segments of I-85 to 8 lanes from Pelham Road to SC 101; includes replacing the Rocky Creek culvert with a bridge and raising the grade of I-85 just south of Pelham Road; also includes replacing the S. Batesville Road bridge over I-85; began preliminary engineering (Michael Baker is consultant) late 2015, with environmental phase/NEPA document expected complete within 24 months; construction scheduled to begin FY 20

I-85 Widening from White Horse Road to Woodruff Road, and improve I-85/Laurens Road interchange: widen selected segments of I-85 to 8 lanes from White Horse Road to Woodruff Road, and upgrade the I-85/Laurens Road interchange; includes the replacement of the Ridge Road bridge over I-85, and 50% funding participation in the replacement of the Salters Road bridge over I-85; began preliminary engineering (HDR/ICA Engineering is consultant) late 2015, with environmental phase/NEPA document expected complete within 24 months; construction scheduled to begin FY 20

I-385 Pavement Rehabilitation: rehabilitate and resurface I-385 from near Stone Avenue to Roper Mountain Road; bid opening May 2016 but no bids received; intend to readvertise summer 2016; construction scheduled to begin late 2016; expect some extended lane closures (over weekend) for southbound outside lane on I-385

I-85/SC 290 Interchange: convert the existing diamond interchange to a diverging diamond type interchange and improve the ramps; began preliminary engineering (Kimley-Horn is consultant) late 2015 with construction scheduled to begin FY 19

I-85 Widening in Spartanburg/Cherokee Counties: widen 16 miles of I-85 to 6 lanes from Gossett Road, Exit 79, to SC 18, Exit 96; includes preliminary engineering for the final 10 miles from SC 18 to the NC line; began preliminary engineering in FY 14; short-listed three teams March 2016: Archer Western/Sloan, Blythe/Zachry, and Lane Construction, with design-build bid opening scheduled for fall 2016; total estimated budget of \$320 million

I-85 Park and Ride Lot: SCDOT has selected AECOM to assist with the identification and design of a park and ride facility along the I-85 corridor; R/W is scheduled for FY 19 and construction for FY 20

Bridges

S-164 Gibbs Shoals Road over Enoree River, south of Greer: replace bridge; PE began late 2015 with R/W in FY 17 and construction in FY 19

S-267 Bell Shoals Road over Twelve Mile Creek, 3.5 miles southwest of the City of Pickens; R/W in FY 16 and construction in FY 18

S-42-75 Mt. Lebanon Church Road bridge replacements over M. Tyger River and tributary of M. Tyger River in Spartanburg County: began PE in late 2015 with R/W in FY 18 and construction in FY 19

S-272 W. Georgia Road over Reedy River, west of Simpsonville: begin PE in FY 15 with R/W in FY 17 and construction in FY 18

US 29 Church Street bridge over S-75 McBee Avenue in the City of Greenville: rehab bridge deck and paint steel beams; PE began late 2015 with construction scheduled to begin spring 2017; expect lane closures

S-335 Edwards Road over tributary to Enoree River, west of Taylors: Act 98 special bridge replacement program, open bids May 2015, with a 4/30/16 completion date (for 5 bridges)

S-191 Jones Mill Road over Howard Branch, north of Ft. Inn: Act 98 program, open bids May 2015, with a 4/30/16 completion date (for 5 bridges)

S-384 Shannon Drive over Brushy Creek, north of GSP Airport between E. North Street and Edwards Road: Act 98 program, construction schedule pending

S-154 Tall Pines Road over Payne Branch, Act 98 program, construction schedule pending

S-903 Willis Road over Beaverdam Creek, northwest of Sandy Flat: Act 98 program, construction schedule pending

S-160 Jones Mill Road over Six Mile Creek, southwest of Six Mile in Pickens County: emergency bridge replacement scheduled for construction in 2015

S-318 Lakeshore Drive over Lake Lanier Dam/Spillway, northwest of Landrum in Greenville County: bridge replacement scheduled for construction in 2016/2017

Safety

SC 146 @ SC 417: improve the intersection of Woodruff Road and Lee Vaughn Road in Greenville County; a roundabout is proposed; construction scheduled to begin late 2016

SC 101 @ S-135: improve the intersection of Saluda Gap Road and N. McElhaney Road near the Lake Cunningham Fire Department in Greenville County; roundabout design stopped due to local opposition; alternative designs will be investigated

TAP

Swamp Rabbit Trail Extension, from Trade Street to Loma Street in the City of Simpsonville: 2,700' multi-use path to be constructed between S. Main Street and the railroad tracks; PE scheduled to begin April 2016, with R/W in FY 18 and construction in FY 19

Woodruff Road Sidewalk, along the north side of Woodruff Road from Roper Mountain Road to Old Country Road, near I-85; administered by the City of Greenville; environmental document scheduled for April 2016, with R/W acquisitions summer 2016, and construction late FY 2016

Riverside Middle School Sidewalk project in Pendleton: improve sidewalks and improve drainage on W. Queen Street, Riverside Street and other streets in Pendleton in Anderson County; SDCOT is managing the project, with matching funds provided by Anderson School Dist. 4; schedule is pending

Federal Earmark

Fairforest Way Phase 2 improvements between Ridge Road and Laurens Road: project management provided by the City of Greenville; funding is federal earmark funds with the City of Greenville providing the 20% matching funds (since Fairforest Way is a city-maintained road); R/W acquisitions underway with construction scheduled for the second half of 2016

Guideshare Projects

GPATS TIP

SC 101/290 N. Buncombe Road in Greer: widen N. Buncombe to 5 lanes from Wade Hampton Blvd to the intersection of Locust Hill and Saluda Gap Roads; construction bids opened October 2014 with only two bids received; re-bid February 2015, with Eagle Construction the low bidder at \$4,221,145.18, with a 5/31/16 completion date

S-164 Batesville Road in Greenville County: widen 2.2 miles of Batesville Road to 3 lanes with curb, gutter, sidewalks and bike lanes from SC 14 to Roper Mountain Road; includes new traffic signals at Pelham Falls, Anderson Ridge Road and Roper Mountain Road, and relocating 2,200-ft. of Batesville Road at Ebenezer UMC to avoid impacts to cemetery; R/W acquisition process begun September 2014, with construction scheduled to begin summer 2017

SC 183/Jim Hunt Road Intersection in Pickens County: provide turning lanes on SC 183 (Farrs Bridge Road) at Jim Hunt Road; bid opening April 2016 with S&S Construction the low bidder at \$1,035,393.87, with construction completion scheduled for summer 2017; a crest vertical curve on SC 183 will have to be lowered about 3 feet (via a temporary detour) due to the crash history and to meet sight distance requirements

SC 183/Jameson Road Intersection in Pickens County: construct roundabout at the intersection of SC 183 (Farrs Bridge Road) and Jameson Road; R/W acquisition process currently on hold; construction scheduled to begin spring 2018

Roper Mountain Road in Greenville County: widen Roper Mountain Road between Garlington and Feaster Roads to three lanes with curb, gutter and sidewalks; opened bids November 2014 with only 2 bids received; re-bid March 2015, with Sloan Construction the only bidder at \$5,564,915.82, with a mid-November 2016 completion date

US 178/SC 93 Intersection in Liberty: provide turning lanes at the intersection of US 178 and SC 93; opened bids 2/9/16, with Thrift Development low bidder at \$1,367,895.02; sewer upgrades by City of Liberty contractor scheduled for mid-April to mid-June; construction scheduled to begin June 2016, with completion expected by summer 2017

SC 153 Extension in Easley: extend SC 153 from US 123 to Saluda Dam Road, a distance of 3 miles, including new bridges over the railroad and Hamilton Creek; R/W acquisition process began mid-2014; anticipate securing Corps of Engineer's permit late 2016, with construction bid opening scheduled for February 2017

Salters Road in Greenville: widen Salters Road from Verdae Blvd. to Millennium Blvd., including a new bridge over I-85; opened bids November 2015 with Flatiron-Zachry joint venture low bidder at \$12,858,515.28; expect to close the road and bridge beginning May 2016, with re-opening August 2017; funding for the I-85 bridge replacement is shared 50/50 by this project and the I-85 widening project (White Horse Rd. to Woodruff Rd.)

Woodruff Road/I-85 Ramp Modifications in Greenville: improve the NB I-85 exit ramp at Woodruff Road, the Woodruff Road/Carolina Point Parkway intersection and the WB Woodruff Road entrance ramp to I-85; R/W acquisition and construction will be accomplished as a part of the I-85/385 design-build project

Woodruff Road @ Garlington/Miller Roads in Greenville: improve the intersection of Woodruff Road at Garlington/Miller Roads by providing additional turning lanes; R/W acquisition and construction will be accomplished as a part of the I-85/385 design-build project

SC 290 @ SC 253 in northern Greenville County: improve the intersection of Locust Hill Road and Mountain View Road in the Sandy Flat community; construction bids opened June 2015, with Eagle Construction the low bidder at \$1,263,973, with expected completion summer 2016

Brushy Creek Road @ Strange/Kimbrell Roads adjacent to Eastside HS: improve the intersection of Brushy Creek Road at Strange/Kimbrell Roads by providing additional turning lanes; opened bids November 2014, with Eagle Construction the low bidder at \$1,675,405.19. Contract completion was 10/31/15.

US 178 Ann Street in the City of Pickens: this is a jointly funded project with the Pickens CTC; the intent is to improve US 178 from Main Street to just beyond the Jones Street intersection; the CTC through their consultant (Transystems) will prepare R/W and construction plans utilizing CTC funds, and contribute approx. \$1.4 million towards construction; SCDOT will prepare the environmental document, and manage the R/W, utility relocation and construction phases; a public information meeting was held Feb. 2, 2012; R/W acquisition process is underway with construction beginning early 2017

SC 146 Woodruff Road Widening in 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; public information meeting held 3/17/15; R/W acquisition process initiated September 2015, with construction scheduled to begin by summer 2017

SC 14 improvements between Five Forks Road and Bethel Road in Greenville County; 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 2 intersections; R/W acquisition process scheduled to begin fall 2016 with construction beginning fall 2017

Roper Mountain Road Extension (S-547) improvements between Pelham Road and Roper Mountain Road in Greenville County; widen to 3 lanes with curb/gutter/sidewalk; \$1,496,391 consultant agreement with ICA Engineering executed 1/29/13; public information meeting held 12/4/14; R/W acquisition process initiated September 2015 with construction beginning spring 2018

Roper Mountain Road (S-183/S-548) improvements between Roper Mountain Road Ext. and I-85; widen to 5 lanes with curb/gutter/sidewalk from near RMR Extension to Blacks Drive, and to 3 lanes for the remainder; \$1,114,188 consultant agreement executed with ICA Engineering executed 1/29/13; public information meeting held 12/4/14; R/W acquisition process initiated September 2015 with construction beginning spring 2018

Woodruff Road Parallel: new location, 4-lane divided roadway with multi-use path, from Miller Road to Verdae Boulevard; includes new bridge over I-85; SCDOT has initiated consultant selection process, with proposals due June 6; R/W acquisition phase scheduled to begin FY 18 and construction in FY 21

SC 153 Corridor Improvements in Powdersville: various corridor improvements including turning lanes and median crossover reconstruction along SC 153 from I-85 to Old Pendleton Road; median crossover reconstruction would allow left turns from SC 153 onto the side road but would prohibit left turns from the side road onto SC 153; a raised median was installed on SC 153 at QT/Chickfila in April 2016; SCDOT Traffic Engineering is developing a project to implement raised medians at SC 153/Bi-Lo and at SC 153/Powers Boulevard, to be constructed in 2017; for the GPATS project, preliminary engineering is underway with R/W acquisitions scheduled for FY 18 and construction for FY 19/20

Please contact SCDOT Program Manager Tommy Elrod with any questions or comments.

elrodit@scdot.org 864-239-6098 office 864-982-0080 cell



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Attachment 3

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: June 20, 2016

SUBJECT: GPATS 2016 Transportation Alternatives Program Update

In March, GPATS Staff reviewed the applications for the FY 2016 Cycle for the Transportation Alternatives Program, and presented to the Policy Committee in April:

- City of Greenville – Haywood Road Sidewalk - \$400,000 + match
- City of Mauldin – Fowler Circle Multi-Use Path - \$63,050 + match
 - Amendment to existing TAP Project (FY13)

These two applications, fitting within the allocated amount of \$643,694, will both be accepted, and have been placed in the DRAFT GPATS TIP.

This item is being provided for informational purposes only, and no action by the Policy Committee is required at this time. The Policy Committee will be asked to adopt these projects into the TIP later in the Agenda.



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Attachment 4

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: June 20, 2016

SUBJECT: GPATS 2016-2021 TIP Amendment AC#4

Please find attached, **Attachment 4.2**, the GPATS 2016-2021 Transportation Improvement Program Financial Statement reflective of changes to be included in Amendment/Correction #4.

Changes to be made include:

- Addition of the previously discussed TAP Projects
- Inclusion of the FY2016 Federal Transit Administration Funding, as established in **Attachments 4.3, 4.4, and 4.5**, covering FTA Section 5307, 5310, 5339, and SCDOT State Mass Transit Funding.
- Inclusion of the FY2017 FTA 5303 Funding which is dispersed into the GPATS UPWP “PL Funding.”

The Policy Committee is being asked to approve the aforementioned changes, allowing adoption into the SCDOT State Transportation Improvement Program (STIP). This amendment will be noted as Amendment/Correction #4 or AC#4.

GPATS TRANSPORTATION IMPROVEMENT PROGRAM - FY 2016-2021 FINANCIAL STATEMENT

Amendment Version AC#4 - 6/3/2016

TIP Approved -- 6/15/2015 | AC#3 Approved -- 4/18/2016

(COST IN THOUSANDS)	TIP								TIP COST (2016-2021)
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021		
GUIDESHARE ALLOCATION	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$108,468
DEBT SERVICE	(\$3,705)	(\$3,660)	(\$3,604)	(\$3,552)	(\$3,500)	(\$3,434)	(\$3,439)	(\$3,439)	(\$21,189)
SCDOT SIGNAL RETIMING	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$900)
ALLOCATION AVAILABLE FOR PROJECTS	\$14,223	\$14,268	\$14,324	\$14,376	\$14,428	\$14,494	\$14,489	\$14,489	\$86,379
CARRYOVER AVAILABLE FROM PREVIOUS FY	\$24,536	\$20,143	\$16,203	\$8,677	-\$4,047	-\$3,419	\$3,575		
GUIDESHARE SUBTOTALS	(\$18,616)	(\$17,283)	(\$21,850)	(\$27,100)	(\$13,800)	(\$7,500)	(\$21,000)		(\$108,533)
BALANCE	20,143	17,128	8,677	(4,047)	(3,419)	3,575	(2,936)		(2,936)

KEY: P - PRELIMINARY ENGINEERING, R - RIGHT OF WAY, C - CONSTRUCTION, CA - CAPITAL PURCHASE
 * - IDENTIFIED IN THE INTERSTATE LONG RANGE PLAN FOR DESIGN PLANS ONLY
 ** - ENVIRONMENTAL TO BE COMPLETED FOR PHASES 1 & 2 (Verdae to Millennium)
 *** - Projects to me merged with I-85 @ I-385 Design/Build
 **** - Projects may be combined for cost saving, if possible.

FY14-19 GUIDESHARE SUMMARY		
REVENUES	ALLOCATION	\$108,468
	CARRYOVER	\$20,143
EXPENDITURES	PROJECTS	(\$108,533)
	DEBT	(\$21,189)
	OTHER	(\$900)
BALANCE		(\$2,011)

DRAFT CHANGES HIGHLIGHTED

Amounts shown in Italics are Non-Guideshare funds

PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2015	TIP						TIP COST (2016-2021)	REMAINING COST (2022+)	FUNDING
					FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021			
		DEBT SERVICE	\$ 49,129	\$3,705	\$3,660	\$3,604	\$3,552	\$3,500	\$3,434	\$3,439	\$21,189	\$420	STP
Completed Projects													
37447RD02	24	SC 153 WIDENING FROM NEAR COOPER RD TOWARD I-85	315										STP
38114RD01		BRUSHY CREEK AND PEARSON	1,532 465										STP <i>Pickens County CTC</i>
Existing Road Improvement Projects Currently in the TIP with Updated Schedule and Cost Estimates													
37728RD01	25/29	SC 183 INTERSECTION IMPROVEMENTS ALEX RD	1,548								\$4,000		STP
37728RD02		JIM HUNT RD	43		2,000 C								
37728RD03		JAMESON RD	109 R			2,000 C							
37686RD01	17	BATESVILLE ROAD (S-164) SC 14 TO ROPER MOUNTAIN RD (THREE LANES WITH MEDIAN, BIKE LANES, SIDEWALK NORTH OF PELHAM FALLS DRIVE)	1,450 P 2,000 R	200 P,R		5,000 C 1,750 C	5,000 C				\$10,000		STP <i>Safety</i>
39309RD01	30	SC 153 EXTENSION - PHASE 1 US 123 TO PRINCE PERRY ROAD (TWO LANES, LIMITED ACCESS, LEFT TURN LANES, 2 FT PAVED SHOULDERS)	2,300 P 1,700 R			4,000 C	8,600 C				\$12,600		STP
39309RD02	27	SC 153 EXTENSION - PHASE 2 PRINCE PERRY ROAD TO SALUDA DAM ROAD (TWO LANES, LIMITED ACCESS, LEFT TURN LANES, 2 FT PAVED SHOULDERS)	1,000 P	378 R	1,200 P	4,500 C	4,000 C				\$9,700		STP
37685RD01	1	NORTH BUNCOMBE RD (SC 101/SC 290) FROM WADE HAMPTON (US 29) TO LOCUST HILL (SC 290) (FIVE LANES WITH BIKE LANES)	700 P 300 R 4,500 C	680 C							Fully Obligated		STP
39283RD01	2	ROPER MOUNTAIN ROAD (S-548) GARLINGTON ROAD TO FEASTER ROAD (THREE LANES WITH BIKE LANES AND SIDEWALKS)	400 P 629 R 3,500 C	50 P 2,000 C	1,433 C						\$1,433		STP

38119RD01	10	BUTLER ROAD (S-107) MAULDIN HIGH SCHOOL TO BRIDGES RD (FOUR LANES WITH MEDIAN WIDE OUTSIDE LANES AND SIDEWALKS)	300 P 199 R	1,999 C							Fully Obligated	STP	
38112RD01	9/12	SALTERS ROAD - PHASE 1 & 2 VERDAE BLVD. TO MILLENIUM BLVD. (FOUR LANES WITH MEDIAN, BIKE LANES AND SIDEWALKS)	1,600 P 1,128 R	5,000 C 3,500 C 1,500 C	5,000 C						\$5,000	STP NHS/MM Local	
39660RD01	5	WOODRUFF ROAD (SC-146) IMPROVEMENTS FROM NEAR SCUFFLETOWN RD (S-23-145) TO BENNETTS BRIDGE (SC-296) WITH IMPROVEMENTS TO INTERSECTIONS	400 P	350 PE 1,500 R	1,750 R			6,350 C			\$8,100	STP	
TBD	14	US 123 WIDENING/ACCESS MANAGEMENT SC 135 TO SC 93 WIDEN TO 6 LANES W/ RAISED MEDIAN & TURN LANES @ INTERSECTIONS									On Hold	STP	
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	600 R	600 R			2,000 C	3,500 C		\$6,100	STP	
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	750 R	750 R			2,500 C	3,500 C		\$6,750	STP	
TBD	8	BUTLER ROAD (S-107) BRIDGES RD TO US 276 (FOUR LANES, DIVIDED, BIKE LANES AND SIDEWALKS)							500 P	3,000 R, C	8,500 C	\$12,000 \$5,000	STP
TBD	11	BATESVILLE ROAD (S-164) PELHAM ROAD TO THE PARKWAY (THREE LANES, WIDE OUTSIDE LANES, AND SIDEWALKS)							500 P	2,500 R, C	6,500 C	\$9,500 \$2,500	STP
		WOODRUFF ROAD PARALLEL WOODRUFF ROAD TO MILLER RD (FOUR LANE DIVIDED, PLANTED MEDIAN, AND MULTI-USE PATH)		2,900 P				2,000 R	4,000 R		6,000 C	\$12,000 \$26,400	STP
		SC-153 IMPROVEMENTS I-85 TO SC-123 (INTERSECTION IMPROVEMENTS, TURNING LANES)		500 P				1,000 R	1,800 C	2,000 C		\$4,800	STP
Existing Intersection Projects Currently in the TIP with Updated Schedule and Cost Estimates													
37687RD01		SC 101 AND FEWS CHAPEL	2,137								Complete	STP	
37689RD01		WOODRUFF RD/I-85 INTERCHANGE RAMP MODIFICATIONS**	1,781 P									STP	
37688RD01		WOODRUFF RD (SC 146) AND GARLINGTON/MILLER***	1,781 P									STP	
38113RD01		LOCUST HILL (SC 290) AND MOUNTAIN VIEW (SC 253)	375 P,R	1,600 C								STP	
39303RD01		US 178 AND SC 93	300 P 470 R 0 C		2,150 C						\$2,150	STP	
37727RD01		FARRS BRIDGE/BLUE FLAME AND JEWEL/JONES	478 P 484 R 3,051 C								Fully Obligated	STP	
39301RD01		BRUSHY CREEK AND STRANGE	549 P,R 2,067 C									STP	
39542RD01		ANN ST (US 178) AND JONES ST	450 P,R		1,900 C						\$1,900	STP Pickens County CTC	
41443RD01	3	SC 14 AT FIVE FORKS ROAD AND BETHEL ROAD	250 P	0 R	500 R	2,000 C					\$2,500	STP	

Traffic Signal Retiming Corridors											
	US 123, Easley			122							STP
	Pelham Road, Greenville			122							STP
	US 276 (Cherrydale), Greenville/Greenville County			80							STP
	Woodruff Road (Scuffletown), Greenville County			55							STP
	SC 93, Clemson				50						STP
	US 276-West Butler Road, Mauldin				55						STP
	Fairview Road, Simpsonville					90					STP
	East Butler Road, Mauldin					70					STP
	Signal Retiming Allocation	150	150	150	150	150	150	150	150	\$900	
	Signal Retiming Balance	150	300	71	116	106	256	406	556	556	UNDER BUDGET
GUIDESHARE SUBTOTALS		\$ 42,418	\$ 18,616	\$ 17,283	\$ 21,850	\$ 27,100	\$ 13,800	\$ 7,500	\$ 21,000	\$108,533	\$33,900

GPATS FINANCIAL STATEMENT (CONT)

Non-Guideshare Projects												
PIN #	NON-GUIDESHARE PROJECTS	Previous Obligations	FY 2015	TIP						TIP COST (2016-2021)	REMAINING COST (2022+)	FUNDING
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021			
	FOUNTAIN INN - MAIN STREET REVITALIZATION AND TRANSPORTATION IMPROVEMENT - 2.033 LOCAL MATCH	30 P 2,970 C									Complete	FEDERAL MATCH PROGRAM
707	WHITE HORSE RD - US 25 (BROADWAY BLVD (S-1047) TO NORTH OF S-506)	30,000									Complete	APPALACHIAN DEV.
	S-1136 (PERIMETER ROAD) RESURFACING/REHABILITATION		1,241 C									APPALACHIAN REG.
	US 123 & PRINCE PERRY ROAD BRIDGE IMPROVEMENTS	5,382									Complete	ARRA
	FAIRFOREST WAY WIDENING	3,118									Complete	ARRA
	US 29 - CHURCH STREET IMPROVEMENTS	12,000									Complete	NHS
37447	SC 153 WIDENING FROM NEAR COOPER ROAD TOWARD I-85 FOR 0.25 MILE	891									Complete	ARRA/EARMARK
	CONESTEE VILLAGE CONNECTOR TO SWAMP RABBIT TRAIL (FY2013)	100										PRT Conestee Foundation
	MINERAL SPRING TRAIL (FY2013)	25										PRT Williamston
		46										PRT Williamston
		12										PRT Williamston
	CONESTEE VILLAGE CONNECTOR TO SWAMP RABBIT TRAIL (FY2014)	100										PRT Conestee Foundation
	MINERAL SPRING TRAIL (FY2014)	25										PRT Williamston
		34										PRT Williamston
		8										PRT Williamston
	CU-ICAR AND FAIRFOREST WAY	1,623										EARMARK
	I-385 @ FAIRVIEW ROAD INTERCHANGE											EARMARK
	WEST GEORGIA WIDENING FROM NEELY FERRY TO FORK SHOAL	1,400							373 P			EARMARK FED LIMIT 3,072
	GREENVILLE SC TRANSIT AUTHORITY MULTIMODAL CENTER	998									Fully Obligated	EARMARK FED LIMIT 1,000
2015	SC-153 I-85 TO PICKENS COUNTY		3,860									RECON & REHAB
2015	SC-153 SOUTH OF I-85 TO I-85		↓									RECON & REHAB
2015	SC-101 S-109 TO CJ@MERITAGE		6,813									RECON & REHAB
2015	SC-418 S-146 TO FAIRVIEW		↓									RECON & REHAB
2015	SC-418 S-55 TO BRASHIER		↓									RECON & REHAB
2015	S-23-173 CJ@OAK LANE TO US-25		↓									RECON & REHAB
2015	S-23-295 SC-101 TO CJ@SC-14		↓									RECON & REHAB
2015	SC-418 GREENVILLE COUNTY TO S-30-704		1,967									RECON & REHAB
2015	S-30-76 GREENVILLE COUNTY TO US-76		273									RECON & REHAB
2015	S-39-221 SC-135 TO S-39-36		2,536									RECON & REHAB
2015	S-39-18 SC-88 TO S-39-18		251									RECON & REHAB
2015	S-39-283 S-39283 TO S-39-56		↓									RECON & REHAB
2016	US-76 - PICKENS CO TO MAYS	Anderson	5,881 *									RECON & REHAB
2016	US-178 - I-85 NB/SB RAMP	Anderson	↓									RECON & REHAB
2016	US-178 - NEAR S-29 TO NEAR I-85 NB	Anderson	↓									RECON & REHAB
2016	S-4-77 - US-29 TO BELTON DR	Anderson	1,647 *									RECON & REHAB
2016	S-4-1098 - SC-187 TO TWIN LAKES RD	Anderson	↓									RECON & REHAB
2016	SC-28 - US-76 TO PICKENS CO	Anderson	↓									RECON & REHAB
2016	SC-86 - NEAR I-85 TO GREENVILLE CO	Anderson	↓									RECON & REHAB
2016	SC-88 - MECHANIC ST TO N ELM ST	Anderson	↓									RECON & REHAB

Transit Projects														
PIN #	FEDERAL TRANSIT ADMINISTRATION	FY 2013	FY 2014	FY 2015	TIP						TIP COST (2016-2021)	REMAINING COST (2022+)	FUNDING	
					FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
	GREENVILLE URBANIZED AREA (CA)	2,771	2,959	3,052	2,887							\$2,887		FTA SECTION 5307 & 5340
	Greenville Transit Authority		1,980	2,070	1,935									
	Capital			143										
	Operating	1,508	1,062	1,000										
	Enhancements/Improvements	28	20	21										
	ADA	277	198	207										
	Planning Administration													
	Preventative Maintenance	958	700	700										
	Clemson Area Transit		979	981	952									
	Capital													
	Operating		630	616										
	Enhancements/Improvements		10	10										
	ADA													
	Planning Administration/Security			10										
	Preventative Maintenance		339	346										
	GREENVILLE URBANIZED AREA (PL)	79	91	100	100	100						\$200		FTA SECTION 5303
	MAULDIN-SIMPSONVILLE URBANIZED AREA (CA)	1,464	1,497	1,494	1,709							\$1,709		FTA SECTION 5307
	MAULDIN-SIMPSONVILLE URBANIZED AREA (PL)	24												FTA SECTION 5303
	JOB ACCESS AND REVERSE COMMUTE AND NEW FREEDOM	612	N/A	N/A										FTA SECTION 5316/5317
	GREENVILLE - ELDERLY AND DISABLED TRANSIT PROGRAM (CA)	321	358	357	360							\$360		FTA SECTION 5310
	GREENVILLE - BUS AND BUS FACILITIES PROGRAM (CA)	274	291	303	254							\$254		FTA SECTION 5339
	-- GTA Capital Purchase	146	155	162	170									
	-- CAT Capital Purchase	128	136	141	84									
	FY 2013 Section 5339 Replacement				274									5339 Replacement
	-- GTA Capital Purchase				146									
	-- CAT Capital Purchase				128									
	STATE MASS TRANSIT FUNDING				317									SMTF
	-- GTA SMTF				213									
	-- CAT SMTF				105									
	SCDOT Vehicle Replacement Initiative				2,134							\$5,260		FTA SECTION 5307
	-- GTA Capital Purchase				377									SMTF
	-- CAT Capital Purchase				2,338									5037
					413									SMTF
	FTA SUBTOTAL	5,821	5,486	5,609	\$5,056	\$100						\$5,156		

Transportation Alternatives Program Projects														
PIN #	TA Program		Previous Obligations	FY 2015	TIP						TIP COST (2016-2021)	REMAINING COST (2022+)	FUNDING	
	Priority	Jurisdiction/Projects			FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021				
	1	Anderson County SC 81 Sidewalks	240											TAP 20% Local Match
	2	City of Clemson/Pickens CTC Berkely Drive Shared Use Path	800											TAP 20% Local Match
	3	City of Simpsonville Simpsonville Swamp Rabbit Trail	280											TAP 20% Local Match
	4	Anderson School District One Ragsdale Road Sidewalks	200											TAP 20% Local Match
	5	City of Easley Brushy Creek Greenway Phase 1&2	534											TAP 20% Local Match
	6	City of Mauldin Fowler Circle Multi-Use Path	260		63									TAP 20% Local Match
	3	City of Greenville Woodruff Road Sidewalks	361											TAP 20% Local Match
	4	Anderson School District Four Riverside Middle School Sidewalks	250											TAP 20% Local Match
	1	Greenville County Poinsett Corridor Pedestrian and Landscaping	795	450										TAP 20% Local Match
	2	Town of Williamston Minor Street Sidewalk Project - Phase I		200										TAP 20% Local Match
	1	City of Greenville Haywood Road Sidewalks			400									TAP 20% Local Match
		TAP OBLIGATION	(3,720)	(650)	(463)	0	0	0	0	0	0			
		ANNUAL TAP ALLOCATION		631	622	622	622	622	622	622	622	3,731		
		FUNDING ADVANCEMENT	1,244	631	622	622	622	622	622	622	622			
		ADVANCEMENT REPAYMENT		622 (13)	622 (13)	622 (13)	622 (13)	622 (14)	622 (15)	622 (16)				
		BALANCE	(2,477)	(2,486)	(2,327)	(1,706)	(1,084)	(462)	(462)	(462)				
		TAP TOTAL		650	463	0	0	0	0	0				
FY 2014-2019 TIP GRAND TOTAL					\$178,294	\$186,935	\$33,284	\$62,845	\$210,230	\$10,934	\$24,439	\$528,667	\$34,320	

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

FTA/State Apportionment Breakdowns

Overall	FY2014	FY2015	FY2016	Change
Section 5307/5340	\$ 2,958,955.00	\$ 3,051,788.00	\$ 2,887,035.00	\$(164,753.00)
Section 5310	\$ 357,563.00	\$ 356,929.00	\$ 360,053.00	
Section 5339	\$ 290,872.00	\$ 303,049.00	\$ 253,808.00	
SMTF			\$ 317,188.00	
Total	\$ 3,607,390.00	\$ 3,711,766.00	\$ 3,500,896.00	
Greenville Transit Authority				
	66.92%	67.84%	67.03%	-0.81%
Section 5307	\$ 1,980,132.69	\$ 2,070,332.98	\$ 1,935,229.69	\$(135,103.29)
Section 5339			\$ 170,131.91	
SMTF			\$ 212,616.62	
Clemson Area Transit				
	33.08%	32.16%	32.97%	0.81%
Section 5307	\$ 978,822.31	\$ 981,455.02	\$ 951,805.31	\$(29,649.71)
Section 5339			\$ 83,676.09	
SMTF			\$ 104,571.38	
Mauldin-Simpsonville				
Section 5307			\$ 1,709,289.00	

See other tab for Formula

Table 1
FY 2016 Sub-allocation Formula

Variables

Non-Incentive	Population	PWD	BVRM
90.8%	25%	25%	50%
Incentive			
9.2%			

Inputs

Overall (Transit Served)									
	Population	Area (sq mi)	Pop Density	PWD	BVRM	ULT	OC	Efficiency	
	178,522	96.02	1,859.22	1,869.28	1,239,781	2,599,431	\$ 7,890,496.00	1,474,856.13	
Greenville									
	Population	Area (sq mi)	Pop Density	PWD	BVRM	ULT	OC	Efficiency	
	150,881	78.42	1,924.01	1,626.11	738,382	1,005,010	\$ 5,942,288.00	169,975.79	
Share	84.52%	81.67%		86.99%	59.56%	38.66%	75.31%	11.52%	
Clemson									
	Population	Area (sq mi)	Pop Density	PWD	BVRM	ULT	OC	Efficiency	
	27,641	17.6	1,570.51	243.17	501,399	1,594,421	\$ 1,948,208.00	1,304,880.34	
Share	15.48%	18.33%		13.01%	40.44%	61.34%	24.69%	88.48%	

Split

Greenville	67.03%	
		100.00%
Clemson	32.97%	

$$\text{Share \%} = ((\text{Population\%} \times 25\%) + (\text{Pop Weighted Density\%} \times 25\%) + (\text{Bus Vehicle Revenue Miles\%} \times 50\%) \times 90.8\%) + (\text{Efficiency\%} \times 9.2\%)$$

$$\text{Population Weighted Density\%} = (\text{Population} / \text{Area}) \times \text{Population Share\%}$$

$$\text{Efficiency\%} = \text{Unlinked Trips}^2 / \text{Operating Cost}$$

General Information

Urbanized Area Statistics - 2010 Census

Greenville, SC
320 **Square Miles**
400,492 **Population**
93 **Pop. Rank out of 498 UZAs**

Other UZAs Served

258 Mauldin-Simpsonville, SC

Service Area Statistics

227 **Square Miles**
248,173 **Population**

Service Consumption

4,473,543 **Annual Passenger Miles (PMT)**
1,005,010 **Annual Unlinked Trips (UPT)**
3,256 **Average Weekday Unlinked Trips**
3,241 **Average Saturday Unlinked Trips**
0 **Average Sunday Unlinked Trips**

Service Supplied

738,382 **Annual Vehicle Revenue Miles (VRM)**
53,311 **Annual Vehicle Revenue Hours (VRH)**
21 **Vehicles Operated in Maximum Service (VOMS)**
32 **Vehicles Available for Maximum Service (VAMS)**

Database Information

NTDID: 40053
Reporter Type: Full Reporter

Financial Information

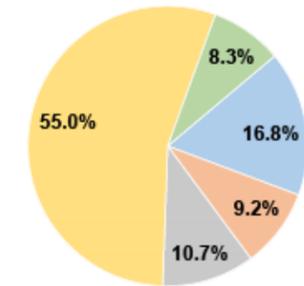
Sources of Operating Funds Expended

Fare Revenues	\$997,784	16.8%
Local Funds	\$544,927	9.2%
State Funds	\$637,113	10.7%
Federal Assistance	\$3,267,999	55.0%
Other Funds	\$494,465	8.3%
Total Operating Funds Expended	\$5,942,288	100.0%

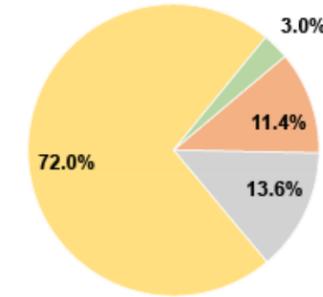
Sources of Capital Funds Expended

Fare Revenues	\$0	0.0%
Local Funds	\$165,073	11.4%
State Funds	\$196,079	13.6%
Federal Assistance	\$1,039,086	72.0%
Other Funds	\$42,774	3.0%
Total Capital Funds Expended	\$1,443,012	100.0%

Operating Funding Sources



Capital Funding Sources



Modal Characteristics

Modal Overview	Vehicles Operated in Maximum Service		Uses of Capital Funds				
	Directly Operated	Purchased Transportation	Revenue Vehicles	Systems and Guideways	Facilities and Stations	Other	Total
Demand Response	5	-	\$225,836	\$0	\$0	\$0	\$225,836
Bus	16	-	\$374,270	\$197,596	\$564,948	\$80,362	\$1,217,176
Total	21	-	\$600,106	\$197,596	\$564,948	\$80,362	\$1,443,012

Summary of Operating Expenses (OE)

Salary, Wages, Benefits	\$4,436,425	74.7%
Materials and Supplies	\$1,297,570	21.8%
Purchased Transportation	\$0	0.0%
Other Operating Expenses	\$208,293	3.5%
Total Operating Expenses	\$5,942,288	100.0%
Reconciling OE Cash Expenditures	\$0	
Purchased Transportation (Reported Separately)	\$0	

Operation Characteristics

Mode	Operating Expenses	Fare Revenues	Uses of Capital Funds	Annual Passenger Miles	Annual Unlinked Trips	Annual Vehicle Revenue Miles	Annual Vehicle Revenue Hours	Fixed Guideway Directional Route Miles	Vehicles Available for Maximum Service	Vehicles Operated in Maximum Service	Average Percent Spare Vehicles	Average Fleet Age in Years ¹
Demand Response	\$788,386	\$31,701	\$225,836	72,056	8,939	84,417	6,349	0.0	7	5	28.6%	4.3
Bus	\$5,153,902	\$966,083	\$1,217,176	4,401,487	996,071	653,965	46,962	0.0	25	16	36.0%	6.7
Total	\$5,942,288	\$997,784	\$1,443,012	4,473,543	1,005,010	738,382	53,311	0.0	32	21	34.4%	

Performance Measures

Mode	Service Efficiency		Mode	Service Effectiveness			
	Operating Expenses per Vehicle Revenue Mile	Operating Expenses per Vehicle Revenue Hour		Operating Expenses per Passenger Mile	Operating Expenses per Unlinked Passenger Trip	Unlinked Trips per Vehicle Revenue Mile	Unlinked Trips per Vehicle Revenue Hour
Demand Response	\$9.34	\$124.17	Demand Response	\$10.94	\$88.20	0.1	1.4
Bus	\$7.88	\$109.75	Bus	\$1.17	\$5.17	1.5	21.2
Total	\$8.05	\$111.46	Total	\$1.33	\$5.91	1.4	18.9



Notes:
¹Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.

General Information

Urbanized Area (UZA) Statistics - 2010 Census

Greenville, SC
 320 **Square Miles**
 400,492 **Population**
 93 **Pop. Rank out of 498 UZAs**

Other UZAs Served

0 South Carolina Non-UZA

Service Area Statistics

17 **Square Miles**
 27,883 **Population**

Service Consumption

1,594,421 **Annual Unlinked Trips (UPT)**

Service Supplied

501,399 **Annual Vehicle Revenue Miles (VRM)**
 42,495 **Annual Vehicle Revenue Hours (VRH)**

Database Information

NTDID: 40208

Reporter Type: Small Systems Reporter

Financial Information

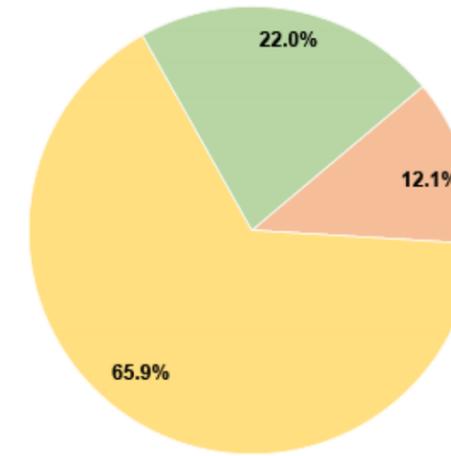
Sources of Operating Funds Expended

Fare Revenues	\$0	0.0%
Local Funds	\$235,160	12.1%
State Funds	\$0	0.0%
Federal Assistance	\$1,283,499	65.9%
Other Funds	\$429,549	22.0%
Total Operating Funds Expended	\$1,948,208	100.0%

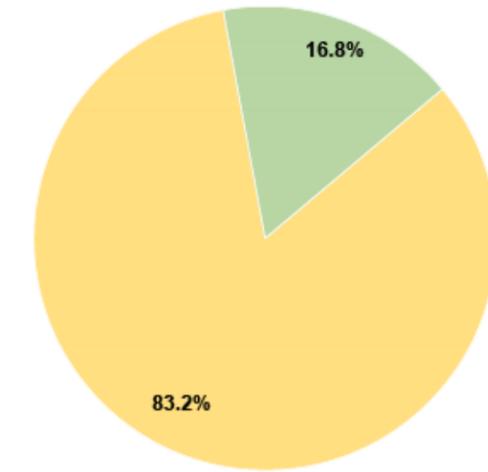
Sources of Capital Funds Expended

Fare Revenues	\$0	0.0%
Local Funds	\$0	0.0%
State Funds	\$0	0.0%
Federal Assistance	\$540,000	83.2%
Other Funds	\$109,000	16.8%
Total Capital Funds Expended	\$649,000	100.0%

Operating Funding Sources



Capital Funding Sources



Modal Characteristics

Operation Characteristics

Vehicles Operated at Maximum Service

Mode	Directly Operated	Purchased Transportation	Operating Expenses	Fare Revenues	Uses of Capital Funds	Annual Unlinked Trips	Annual Vehicle Revenue Miles	Annual Vehicle Revenue Hours	Average Fleet Age in Years ¹
Bus	19	-	\$1,948,208	\$0	\$649,000	1,594,421	501,399	42,495	7.7
Total	19	-	\$1,948,208	\$0	\$649,000	1,594,421	501,399	42,495	

Performance Measures

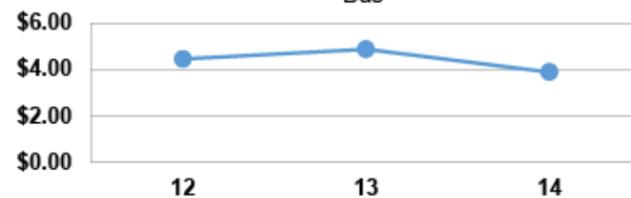
Service Efficiency

Mode	Operating Expenses per Vehicle Revenue Mile	Operating Expenses per Vehicle Revenue Hour
Bus	\$3.89	\$45.85
Total	\$3.89	\$45.85

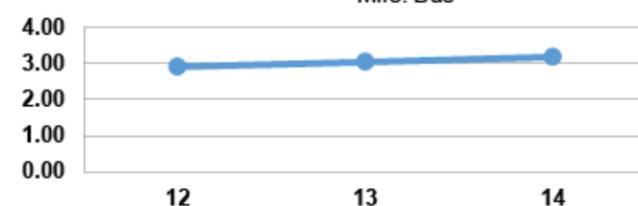
Service Effectiveness

Mode	Operating Expenses per Unlinked Passenger Trip	Unlinked Trips per Vehicle Revenue Mile	Unlinked Trips per Vehicle Revenue Hour
Bus	\$1.22	3.2	37.5
Total	\$1.22	3.2	37.5

Operating Expense per Vehicle Revenue Mile: Bus



Unlinked Passenger Trips per Vehicle Revenue Mile: Bus



Notes:

¹Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.



Greenville County Planning Department

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Attachment 5

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: June 20, 2016

SUBJECT: GPATS 2016-2017 Unified Planning Work Program

Attached please find **Attachment 5.2**, the Financial Statement for the Unified Planning Work Program, FY 2017

At the request of FHWA, FTA, and SCDOT, all MPOs in South Carolina are moving to biennial UPWP documents. This is the second year of the 2016-2017 UPWP, submitted and accepted by SCDOT, FTA, and FHWA last year.

As a part of the biennial UPWP, GPATS projected expected costs and carryovers from FY 2016. We are now required to ratify the FY 2017 UPWP Financials.

Of note, please notice that the major expense of the UPWP for both years is the Long-Range Transportation Plan, which will be funded over the course of both fiscal years.

Currently, GPATS has suspended Element 403, Special Studies, until the LRTP has been funded. If the LRTP comes in under what has been allocated, carryover will be made available in FY 2018 for Element 403 to effectively utilize the balance.

The Policy Committee will be asked to ratify the FY 2017 Unified Planning Work Program Financial Statement, which will provide funding, staffing, and programs for GPATS in the coming Fiscal Year.

APPENDIX A

GPATS FY 2017 UPWP FUNDING SUMMARY

Planning Activities	Local	FHWA PL and FTA 5303	Total
Element 101 Study Coordination	7,500	30,000	37,500
Element 102 Unified Planning Work Program	12,000	48,000	60,000
Element 103 Staff Education	15,000	60,000	75,000
Element 104 Computer System and Equipment	15,000	60,000	75,000
Element 201 Public Involvement Program	13,750	55,000	68,750
Element 301 Systems Performance and Safety Planning	10,000	40,000	50,000
Element 302 Short Range Planning	12,500	50,000	62,500
Element 303 Multi-modal Coordination	\$25,000 (1)	100,000	125,000
Element 401 Transportation Improvement Program	14,000	56,000	70,000
Element 402 Long Range Plan Update	30,228	120,912	151,140
TOTALS	129,978	619,912	774,890

Element 403 Special Studies (2)	Local	FHWA PL	Total	PL Balance
City of Greer Downtown Bicycling and Walking Plan	5,445.75	21,783 (3)	27,228.75	12,500
Anderson Cnty Pendleton Area Bicycle and Ped. Plan	8,217.00	21,783 (3)	30,000.00	21,783
Greenville County I-85 Parallel	3,750	15,000 (4)	18,750	15,000
Greenway Design in Utility Easement Study	625	2,500 (4)	3,125	2,500
Total for PL Carryover-funded projects	18,037.75	61,066	79,103.75	51,783

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

Footnotes: (1) – Matched by GTA/City/County (\$12,500) and CAT/City/County (\$12,500); (2) There will be no PL Funding allocated to Special Studies in FY 2016-2017 (3) Allocation was included in FY 2014 UPWP; remaining amount will be invoiced in FY 2016; (4) Allocation was included in FY 2013 UPWP; remaining amount will be invoiced In FY 2016



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Attachment 6

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: June 20, 2016

SUBJECT: GPATS 2040 LRTP Kick-off Update

The GPATS 2040 Long-Range Transportation Plan is underway!

Kimley-Horn and Associates have once again been chosen to be the consultants for the LRTP, and are hard at work with the initial information gathering phase.

The expected schedule for the LRTP is tentatively as follows:

- June 29, 2016 – Policy Committee Coordination Meeting
- Spring 2016 – Kick-off
- Summer 2016 – Initial Rounds of Public Involvement
- Fall/Winter 2016 – Travel Model, Data Processing
- Spring 2017 – Follow-up Rounds of Public Involvement
- Summer 2017 – Project/Document Finalization
- Fall 2017 – LRTP Adoption

Chairman Kirven has requested that prior to the Kick-off Meeting; the Policy Committee will be given the opportunity to meet with the consultants to coordinate LRTP expectations and ideas. Staff reached out the Policy Committee several weeks prior and set the date for this meeting to be **June 29, 2016, from 11am to 1pm in Greenville County Square, Conference Room A.**

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



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Attachment 7

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: June 20, 2016

SUBJECT: Clemson Area Transit Section 5339(c) “LoNo” Grant

The Federal Transit Administration, as part of the Federal FAST Act authorizing transportation funding for the next five years, has established Section 5339(c), a competitive program of funding for Bus and Bus Facility Replacement that focuses on Low-Emission and Zero-Emission buses, nicknamed “LoNo.”

Clemson Area Transit, partnering with Clemson University, is submitting an application to replace all of the CAT buses that operate within Clemson University with Electric Zero-Emission buses.

Heather Lollis, Planner for Clemson Area Transit, will present in detail the work that has been done to this point, and request endorsement of the application from the GPATS Policy Committee.

The Policy Committee will be asked to Endorse the LoNo Grant Application. Endorsement of the Plan alone does not commit GPATS to any additional policies or funding.