

AGENDA
GPATS POLICY COORDINATING COMMITTEE
August 22, 2017
301 University Ridge, 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 JUNE 19, 2017 COMMITTEE MINUTES** Attachment 1
3. **PUBLIC COMMENT** *Chairman
Councilman Butch Kirven*
4. **SCDOT PROJECT STATUS UPDATE** Attachment 2
*Tommy Elrod, PE
SCDOT Project Manager*
- action: 5. **GPATS 2018-2023 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT** Attachment 3
*Keith Brockington
GPATS Transportation Manager*
6. **HORIZON2040 LRTP UPDATE** Attachment 4
*Keith Brockington
GPATS Transportation Manager*
7. **FEDERAL PERFORMANCE MEASURES UPDATE** Attachment 5
*Brennan Hansley
GPATS Transportation Planner*
8. **NEW BUSINESS**
 - Horizon2040 Roll-Out Meeting, August 29th, 6-8pm, TD Convention Center
 - TMA Certification Update
 - www.fixwoodruffroad.com
9. **ADJOURN**

MINUTES
GPATS POLICY COORDINATING COMMITTEE
June 19, 2017
Suite 400 – County Square
10:00 a.m.

MEMBERS PRESENT: Chairman Butch Kirven, Representative Smith, Representative Burns, Representative Loftis, Representative Collins, Senator Allen, Senator Rice, Councilor Norris, Councilor Meadows, Councilor Payne, Councilor Costner, Commissioner Willard, Commissioner Davis, Mayor Owens, Mayor Durham, Mayor Cook, Milton Shockley, Keith Brockington and Addy Matney

OTHERS PRESENT: P. Gucker, T. Barber, K. Brockington, B. Hansley, A. Ikein, H. Gamble, M. Forman, S. Limbaker, L. Estep, J. Chasteen, D. Dryhaug, V. Holmes, E. Dillon, C. Nelson, A. Ratchford, G. Shepard, d. Burgess and C. Link

CALL TO ORDER/WELCOME

Chairman Kirven called the meeting to order at 10:08 a.m.

APPROVAL OF THE APRIL 17, 2017 COMMITTEE MEETING

MOTION: Without objection the minutes of the April 17, 2017 Committee meeting were approved as presented by voice vote. .

PUBLIC COMMENT

There were no individuals signed up for public comment.

SCDOT PROJECT STATUS UPDATE

Johnathan Chasteen with the SCDOT addressed the Committee members with an update of projects within the GPATS area as were included in each agenda packet. He stated the I-85/I-385 project was moving forward with completion in mid-2019. The I-85 widening project near I-385 to near SC 85 may possibly be combined with the I-85 widening from near SC 153 to near I-385, Exit 51. Construction to begin 2020/2021. He noted the I-385 pavement rehabilitation project resurfacing I-385 from near Stone Avenue to Roper Mountain Road is ahead of schedule. Mr. Chasteen spoke to several bridge projects, safety projects and stated they were waiting for a letter for the Corps of Engineers to begin moving forward on the SC 153 Extension in Easley. He made himself available for any questions the Committee may have.

Commissioner Willard noted the Commission approved a rural road safety program and there are two roads in the area which will receive public comment. One is Highway 25 going from Travelers Rest to the North Carolina line. The other one will be Highway 14 just above Greer heading to Spartanburg through Landrum. He stated each ten mile corridor will be looked at individually and additional upgrade or signage, drainage issues, ditches, striping, rumble strips, straightening of some curves may be determined. The program is to see if the number of fatalities can be brought down.

2017 TRANSPORTATION ALTERNATIVES PROGRAM UPDATE

Keith Brockington addressed the Committee members with the six projects that were put forward for the Transportation Alternatives Program. They are listed and ranked as follows:

1. (16 pts) Anderson County: Ragsdale Road Additional Funding
2. (15 pts) City of Fountain Inn: Woodside Park Connector
3. (14 pts) City of Pickens: Pickens Downtown Doodle Connector
Town of Pendleton Greenway
4. (13 pts) City of Travelers Rest: Poinsett Streetscape Project
City of Mauldin: Miller Road Sidewalk

He stated the Study Team discussed funding alternatives, based on ranking and on the ability to do their requested project with the funding that would be provided. There were six applications submitted totaling \$1,742,961, slightly under three times the allocated amount of \$643,694. The Study Team has recommended the following projects for funding.

1. Anderson County: Ragsdale Road Additional Funding. \$320,000 (Full Request).
2. City of Fountain Inn: Woodside Park Connector \$119,400 (Full Request).
3. City of Pickens: Pickens Downtown Doodle Connector - \$204,294 (94.6% of request).

MOTION: By Mayor Cook, seconded by Representative Smith to approve the recommended list for funding in the GPATS Transportation Alternative Program. The motion carried unanimously by voice vote.

GPATS 2018-2023 TRANSPORTATION IMPROVEMENT PROGRAM(TIP)

Keith Brockington spoke to the Committee members on the Draft Financial Statement which was included in the agenda packets. He stated this was a Biennial update of the TIP as required by FHWA and FTA. Mr. Brockington went over the changes and noted the Transportation Alternative Projects would be added with the Policy Committee

approval of the projects.

MOTION: By Representative Smith, seconded by Representative Loftis and Councilor Norris to approve the FY 20128-2024 Transportation Improvement Program. The motion carried unanimously by voice vote.

FY2018 UNIFIED PLANNING WORK PROGRAM SPECIAL STUDIES

Keith Brockington presented to the Committee members the recommendations the Study Team made regarding the UPWP Special Studies. He stated there were three options for the funding as follows:

- Option 1 Fund all projects @ 50%.
- Option 2 Fund all projects equally
- Option 3 Fund the top rank only (slightly below 100%)

MOTION: By Councilor Payne, seconded by Senator Rice to accept Option 1, funding all the projects at 50%.

The Committee members discussed the various options presented and asked questions pertaining to match monies and how the applicants would handle the remaining monies which were not funded.

Mr. Brockington stated the applicant could either seek other funding sources to make up the shortage or possibly look at scaling back the project.

Mr. Payne spoke to his project explaining doing his project would put Greenville on the cutting edge for any monies that might come from Federal or State entities. Greenville and South Carolina itself would be on the map for Advanced Transportation Technology.

Mayor Durham and Councilor Norris both spoke in favor of Mr. Payne's motion and in favor of his project.

The motion to accept Option 1, funding all the projects at 50% carried by voice vote with two in opposition (Smith and Collins).

FY2018-2019 UNIFIED PLANNING WORK PROGRAM

Keith Brockington addressed the Committee with a request for approval of the GPATS 2018-2019 UPWP which outlines the financial summary for both years. He explained the funding has increased slightly as the GPATS population has increased. The local

match will be paid 75% by Greenville County and 25% by Pickens County. Mr. Brockington noted the special projects that were approved will be added to the FY2018, Element 403.

MOTION: By Representative Smith, seconded by _____ to approve the FY2018-2019 Unified Planning Work Program. The motion carried unanimously by voice vote.

GTA/GREENLIND LOW-NO GRANT LETTER OF SUPPORT

Addy Matney, GTA Board Chair addressed the Committee members with a request for a letter of support for GTA/Greenlink grant application , which if received would allow the purchase of two Proterra buses and three charging stations for service within the Greenville area. She stated this did not commit GPATS to any additional policies or funding. Mr. Gary Shepard, Director of Greenlink Transit also addressed the Committee members in reference to the grant.

MOTION: By Representative Loftis, seconded by Representative Smith to provide a letter of support for the GTA/Greenling Low-No Grant. The motion carried unanimously by voice vote.

CATBUS RE-IMAGING STUDY FINAL REPORT

Mayor J. C. Cook addressed the Committee members with the Final Report of the CATbus Re-Imaging Study. He provided hard copies for anyone's perusal and also noted the entire document was available on line.

LRTP UPDATE

Keith Brockington updated the Committee members with information on the progress of the LRTP. He stated staff has initiated and completed the next round of Public Involvement. He made available digitally a draft project recommendation as requested by citizens, stakeholders and data analysis. The list is not ranked or finalized. Prioritization will occur in July ahead of the Study Team meeting and Policy Committee meeting. Mr. Brockington stated a final draft list of projects and priorities will be presented to the Policy Committee in August. Staff and Kimley Horn and Associates will begin finalizing the LRTP ahead of adoption in October.

NEW BUSINESS

Chairman Kirven noted the rash of fatalities in the White Horse Road area and asked the Commissioners if there were any recommendations they would have.

Senator Allen stated he had spoken with the Secretary of Transportation and the director of the Department of Public Safety to seek help in solving the problem.

ADJOURNMENT

MOTION: By Councilor Norris to adjourn. Without objection Chairman Kirven adjourned the meeting at 11:23 a.m.

Submitted by Recording Secretary

GPATS Projects Status Report – August, 2017

Non-Guideshare Projects

Interstate

I-85/I-385 Interchange, project ID# 38111: 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; includes improving the Woodruff Road @ Garlington/Miller Roads intersection and upgrading the traffic signals on Woodruff Road between Roper Mountain Road/Verdae Boulevard and SC 14; Flatiron Constructors/Zachry Construction Corp Joint Venture was 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 scheduled for mid-2019

I-85 Widening from near I-385, Exit 51, to near SC 85, Exit 69, project ID# 27368: widen to 8 lanes; includes replacing the Rocky Creek culvert (just south of Pelham Road) with a bridge and raising the grade of I-85 to prevent over-topping; also includes replacing the S. Batesville Road bridge over I-85; expected to be a design-build project, with construction beginning 2020/2021

I-85 Widening from near SC 153, Exit 40, to near I-385, Exit 51, project ID# 27306: widen to 8 lanes; upgrade the I-85/Laurens Road interchange; includes the replacement of the Ridge Road bridge over I-85; expected to be a design-build project and may be combined with the above into a single project, with construction beginning 2020/2021

I-385 Pavement Rehabilitation, project ID# 27223: rehabilitate and resurface I-385 from near Stone Avenue to Roper Mountain Road; bid opening May 2016 but no bids received; re-bid August 2016, with Sloan Construction the low bidder at \$24,465,783, and with a completion date of 8/31/19; construction began late 2016; expect some extended lane closures (over weekend) for southbound outside lane on I-385

I-85/SC 290 Interchange, project ID# 27379: convert the existing diamond interchange to a diverging diamond type interchange and improve the ramps; preliminary engineering underway by Kimley-Horn with construction tentatively scheduled for 2019

I-85 Widening in Spartanburg/Cherokee Counties, project ID# 27114: widen 16 miles of I-85 to 6 lanes from near Gossett Road, Exit 79, to near SC 18, Exit 96; Blythe/Zachry was the low bidder at \$435,576,907 and with a construction time of 1,637 days; expected completion is spring/summer 2021

Bridges

Hampton Avenue Pedestrian Bridge, project ID# 27367: construct a new pedestrian bridge over the Norfolk Southern switching yard between E. Bramlett Road and Montgomery Avenue; project management by Greenville County staff via local public agency (LPA) process with SCDOT; funding is a combination of Appalachian Regional Commission (ARC), Greenville CTC and Greenville County funds

S-164 Gibbs Shoals Road over Enoree River, south of Greer, project ID# 27178: replace bridge; PE began late 2015 with R/W in FY 18 and construction in FY 19

S-39-267 Belle Shoals Road over Twelve Mile Creek, 3.5 miles southwest of the City of Pickens, project ID# 27023: 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, project ID# 29127: began PE in late 2015 with R/W in FY 18 and construction in FY 19

S-23-272 W. Georgia Road over Reedy River, west of Simpsonville, project ID# 28355: began 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, project ID# 28821: rehab bridge deck and paint steel beams, with traffic reduced to one lane in each direction during construction; opened bids December 2016 but both bids were higher than internal cost estimate so anticipate re-bidding; coordinating with City of Greenville on enhancing bike/ped accommodations prior to re-letting

S-335 Edwards Road over tributary to Enoree River, west of Taylors, project ID# 27834: Act 98 special bridge replacement program, Dist. 3 Package B2, including S-191 Jones Mill Road over Howard Branch in Greenville Co., S-129 over Town Creek in Pickens co., S-208 over Spivey Creek in Spartanburg Co., and S-531 over Perkins Creek in Oconee Co., opened bids May 2015, with a 4/30/16 completion date (for 5 bridges)

US 25 NB bridge over Saluda River and S-119 River Road 1.5 miles north of SC 11, project ID# 30389: preliminary engineering initiated spring FY 17, with R/W in FY 22 and construction in FY 23

S-39-100 Cleo Chapman Hwy bridge over Mill Creek and S-39-105 Simms Mill Road bridge over Eighteen Mile Creek, project ID# 30588: replace two bridges; anticipate opening bids February 2017 with a 9/30/17 contract completion date

Safety

SC 146 @ SC 417, project ID# 42082 & 42081: improve the intersection of Woodruff Road and Lee Vaughn Road in Greenville County, and the intersection of Woodruff Road and SC 417/Bragg Road in Spartanburg County; a roundabout is proposed at both intersections; bid opening August 2016, with Eagle Construction low bidder at \$3,224,250.74, and with an 11/30/17 completion date

SC 101 @ S-135, project ID# 42089: 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, project ID# 29824: 2,700' multi-use path to be constructed between S. Main Street and the railroad tracks; PE initiated April 2016; currently coordinating with Carolina Piedmont Railroad and the City of Simpsonville to determine if it will be possible to construct the path within railroad property

Woodruff Road Sidewalk, along the north side of Woodruff Road from Roper Mountain Road to Old Country Road, near I-85, project ID# 29891: administered by the City of Greenville; environmental document approved May 2016, with R/W acquisitions underway; anticipate construction beginning second half of 2017

Riverside Middle School Sidewalk project in Pendleton, project ID# 30103: 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; PE initiated June 2016 with R/W anticipated for FY 18 and construction for FY 19

Federal Earmark

Fairforest Way Phase 2 improvements between Ridge Road and Laurens Road, project ID# 36167: 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 anticipated to begin the second half of 2017

Guideshare Projects

GPATS TIP

S-164 Batesville Road in Greenville County, project ID# 37686: 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 acquisitions underway, with construction scheduled to begin mid-2018

SC 183/Jim Hunt Road Intersection in Pickens County, project ID# 37728B: 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 substantial construction completion November 2016

SC 183/Jameson Road Intersection in Pickens County, project ID# 37728C: construct roundabout at the intersection of SC 183 (Farrs Bridge Road) and Jameson Road; public information held January 24, 2017, with substantial opposition to roundabout; SCDOT intends to complete R/W phase for roundabout design; the results of the STIB application for funds to widen SC 183 to 4 lanes are expected late 2017 and will help determine if a roundabout will be constructed

Roper Mountain Road in Greenville County project ID# 39283: widen Roper Mountain Road between Garlington and Feaster Roads to three lanes with curb, gutter and sidewalks; initially bid November 2014 and re-bid March 2015, with Sloan Construction the only bidder at \$5,564,915.82; constructed completed mid-November 2016

US 178/SC 93 Intersection in Liberty, project ID# 39303: 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 substantial completion 11/21/16

SC 153 Extension in Easley, project ID# 39309: 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; secured Corps of Engineer's permit July 2017; permit conditions include completing a boundary survey of the 350 acre mitigation site and executing/recording the protective covenants prior to any construction activities that would impact jurisdictional areas; construction bid opening scheduled for late 2017, and construction beginning spring 2018

Salters Road in Greenville, project ID# 38112: 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

SC 290 @ SC 253 in northern Greenville County, project ID# 38113: 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 completion July 2016

US 178 Ann Street in the City of Pickens, project ID# 39542: this is a jointly funded project with the Pickens CTC; the intent is to reconstruct Ann Street 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. \$1.7 million towards construction; SCDOT will manage the R/W, utility relocation and construction phases; bids opened December 2016 with Thrift Development low bidder at \$3,618,664 and with a 6/30/18 completion

SC 146 Woodruff Road widening in Greenville County, project ID# 39660: widen Woodruff Road from Scuffletown Road to Bennetts Bridge Road (SC 296) and improve Scuffletown Road between Woodruff Road and Adams Mill Road; R/W acquisition process and utility coordination underway, with construction bid opening scheduled for mid-2018

SC 14 improvements between Five Forks Road and Bethel Road in Greenville County, project ID# 41443: 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 underway with construction bid opening late 2017 and construction beginning early 2018

Roper Mountain Road Extension (S-547) improvements between Pelham Road and Roper Mountain Road in Greenville County, project ID# 41472: widen to 3 lanes with curb/gutter/sidewalk; R/W acquisition process underway with construction beginning spring 2018

Roper Mountain Road (S-183/S-548) improvements between Roper Mountain Road Ext. and I-85, project ID# 41471: widen to 5 lanes with curb/gutter/sidewalk from near RMR Extension to Blacks Drive, and to 3 lanes for the remainder; R/W acquisition process underway with construction beginning spring 2018

Woodruff Road Parallel, project ID# 28743: purpose is to reduce congestion on Woodruff Road; improvements may include a new location, 4-lane divided roadway with multi-use path, or the widening of Woodruff Road or some combination of both; tentative limits are Miller Road to Verdae Blvd. but NEPA process will define actual project limits; Infrastructure Consulting & Engineering (ICE) will assist SCDOT with project development;

anticipate R/W acquisitions in 2019/2020 and construction beginning in 2021, subject to inclusion of adequate construction funding in the GPATS TIP

SC 153 Corridor Improvements in Powdersville, project ID# 28744: anticipate improving the intersections at SC 153/River Road and SC 153/Old Pendleton Road; preliminary engineering is underway with R/W acquisitions scheduled for FY 18 and construction for FY 19/20

SCDOT contacts:

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Jonathan Chasteen	864-239-6001 office	864-918-9760 cell	chasteenj@scdot.org



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Attachment 3

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: August 22, 2017

SUBJECT: GPATS Transportation Improvement Program, FY 2018-2023 Amendment

Attached please find **Attachment 3.2**, the DRAFT Financial Statement for the GPATS Fiscal Years 2018 through 2023 Transportation Alternative Program.

The GPATS FY 2018-2023 TIP was adopted by the Policy Committee in June, however after the GPATS TMA Certification Review in July, changes were requested. These changes are required to implement the TIP and keep projects moving:

- The TIP Fiscal Years have been balanced. Line items for SCDOT Guideshare Advancement and Repayment have been added to show how SCDOT will account for the funding. As the TIP is “in the black” by FY 2023, no project shifts are required.
- Transit Funding has been projected through the life of the TIP. These amounts will change based on FTA Allocations to the UZAs, and Formula Results for the Greenville UZA, as that information is known.
- The full TIP Document has been uploaded to the GPATS Website for review, and contains information as requested by SCDOT, FHWA, and FTA as a part of the TMA Review. You can find that here: <http://www.gpats.org/wp-content/uploads/2016/08/DRAFT-GPATS-2018-2023-TIP-Document.pdf>

The Policy Committee will be asked to approve the GPATS 2016-2021 Transportation Improvement Program Amendment, which shall allow GPATS spending for projects to continue uninterrupted for another two years.

GPATS TRANSPORTATION IMPROVEMENT PROGRAM - FY 2018-2023 FINANCIAL STATEMENT

Amendment Version AC#0

TIP Approved 6/19/2017 | AC#0 Approved 6/19/2017

(COST IN THOUSANDS)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TIP COST (2018-2023)
GUIDESHARE ALLOCATION		\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$108,468
DEBT SERVICE		(\$3,571)	(\$3,518)	(\$3,465)	(\$2,402)	(\$2,407)	(\$420)	(\$420)	(\$12,631)
SCDOT SIGNAL RETIMING		(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)	(\$900)
ALLOCATION AVAILABLE FOR PROJECTS		\$14,357	\$14,410	\$14,463	\$15,526	\$15,521	\$17,508	\$17,508	\$94,937
CARRYOVER AVAILABLE FROM PREVIOUS FY		\$19,184	\$14,441	\$0	\$0	\$0	\$311	\$0	
GUIDESHARE SUBTOTALS		(\$19,100)	\$ (35,850)	\$ (20,800)	\$ (8,900)	\$ (8,500)	\$ (18,500)	\$ (13,000)	(\$105,550)
SCDOT GUIDESHARE ADVANCEMENT			\$ 6,999	\$ 6,337			\$ 681		
GUIDESHARE PAYBACK					\$ (6,626)	\$ (6,710)		\$ (681)	
BALANCE	19,184	14,441	0	(0)	0	311	0	3,828	3,828

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 be merged with I-85 @ I-385 Design/Build
- **** - Projects may be combined for cost saving, if possible.

FY18-23 GUIDESHARE SUMMARY		
REVENUES	ALLOCATION	\$108,468
	CARRYOVER	\$19,184
EXPENDITURES	PROJECTS	(\$105,550)
	DEBT	(\$12,631)
	OTHER	(\$900)
BALANCE		\$3,828

Amounts shown in Italics are Non-Guideshare funds

CHANGES FROM PREVIOUS HIGHLIGHTED

PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2017	TIP						TIP COST (2018-2023)	REMAINING COST (2024+)	FUNDING
					FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023			
		DEBT SERVICE	\$ 56,494	\$3,571	\$3,518	\$3,465	\$2,402	\$2,407	\$420	\$420	\$12,631		STP
Completed Projects													
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 5,180 C									Complete	STP
39283RD01	2	ROPER MOUNTAIN ROAD (S-548) GARLINGTON ROAD TO FEASTER ROAD (THREE LANES WITH BIKE LANES AND SIDEWALKS)	450 P 629 R 6,933 C									Complete	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									Complete	STP
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									Fully Obligated	STP
37728RD02		JIM HUNT RD	2,043										
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 2,200 P,R	200 P							\$13,000		STP
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		11,400 C	12,600 C						\$12,600	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 10,000 C 3,500 C 1,500 C									Fully Obligated	STP
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							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 1,200 R		4,300 C	3,500 C					\$7,800	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 1,500 R		3,250 C 1,000 C	3,500 C					\$7,750	STP <i>Safety</i>
TBD	8	BUTLER ROAD (S-107) BRIDGES RD TO US 276 (FOUR LANES, DIVIDED, BIKE LANES AND SIDEWALKS)		250 P	250 P		1,000 R		4,500 C	4,500 C	\$10,250	STP
TBD	11	BATESVILLE ROAD (S-164) PHASE II PELHAM ROAD TO THE PARKWAY (THREE LANES, WIDE OUTSIDE LANES, AND SIDEWALKS)		250 P	950 P		1,900 R		2,500 C	8,500 C	\$13,850	STP
		WOODRUFF ROAD PARALLEL WOODRUFF ROAD TO MILLER RD (FOUR LANE DIVIDED, PLANTED MEDIAN, AND MULTI-USE PATH)	2,900 P			5,500 R	6,000 R	8,500 C	11,500 C		\$31,500	STP
		SC-153 IMPROVEMENTS I-85 TO OLD PENDLETON RD (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								Complete	STP
39303RD01		US 178 AND SC 93	300 P 470 R 2,150 C								Complete	STP
37727RD01		FARRS BRIDGE/BLUE FLAME AND JEWEL/JONES	478 P 484 R 3,051 C								Complete	STP
39301RD01		BRUSHY CREEK AND STRANGE	549 P,R 2,067 C									STP
39542RD01		ANN ST (US 178) AND JONES ST	450 P,R 2,200 C								Fully Obligated	STP <i>Pickens County CTC</i>
41443RD01	3	SC 14 AT FIVE FORKS ROAD AND BETHEL ROAD	750 P,R	2,750 C							Fully Obligated	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	\$600	
		Signal Retiming Balance	(229)	(184)	(194)	(44)	106	256	406	556	256	UNDER BUDGET
GUIDESHARE SUBTOTALS												
				\$ 19,100	\$ 35,850	\$ 20,800	\$ 8,900	\$ 8,500	\$ 18,500	\$ 13,000	\$ 105,550	

GPATS FINANCIAL STATEMENT (CONT)

Non-Guideshare Projects												
PIN #	NON-GUIDESHARE PROJECTS	Previous Obligations	FY 2017	TIP						TIP COST (2018-2023)	REMAINING COST (2024+)	FUNDING
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023			
	GREENVILLE COUNTY POINSETT CORRIDOR PEDESTRIAN AND LIGHTING		500 1,245 2,255									ARC See TAP Section Greenville Co
	HAMPTON AVE BRIDGE OVER NORFOLK SOUTHERN RAILROAD (PEDESTRIAN BRIDGE)	250 P 100 R 1,150 C										APPALACHIAN REG GLDTC GREENVILLE CO
	S-1136 (PERIMETER ROAD) RESURFACING/REHABILITATION	1,241 C										APPALACHIAN REG.
	CU-ICAR AND FAIRFOREST WAY	1,623	1,600 C									EARMARK
	I-385 @ FAIRVIEW ROAD INTERCHANGE				373 P							EARMARK
	WEST GEORGIA WIDENING FROM NEELY FERRY TO FORK SHOALS	1,400										EARMARK FED LIM1 3,072
	GREENVILLE SC TRANSIT AUTHORITY MULTIMODAL CENTER	998								Fully Obligated		EARMARK FED LIM1 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 RAMPS	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
2016	S-23-22 - NEAR US-25 TO SANDY FLAT	Greenville	10,145 *									RECON & REHAB
2016	S-23-52 - S-570 TO SC-8	Greenville	↓									RECON & REHAB
2016	S-23-104 - HIWASSE DR TO NEAR S-133	Greenville	↓									RECON & REHAB
2016	S-23-170 - OLD BUNCOMBE TO US-25	Greenville	↓									RECON & REHAB
2016	S-23-170 - NEAR US-25 TO US-25	Greenville	↓									RECON & REHAB
2016	SC-253 - CONEST TO REID SCH RD	Greenville	↓									RECON & REHAB
2016	SC-288 - PICKENS CO TO US-276	Greenville	↓									RECON & REHAB
2016	US-25 - NEAR W GA TO WHITEHORSE EXT	Greenville	↓									RECON & REHAB
2016	S-23-21 - US-29 TO US-276	Greenville	2,269 *									RECON & REHAB
2016	S-23-920 - SC 290 TO MILFORD CH RD	Greenville	↓									RECON & REHAB
2016	SC-23-20 BRACKEN TO WHITEHORSE	Greenville	↓									RECON & REHAB
2016	SC-253 - SC 291 TO CONE ST	Greenville	↓									RECON & REHAB
2016	SC-291 - EDWARDS TO PINEY MTN	Greenville	↓									RECON & REHAB
2016	SC- 291 - PINEY MTN TO STATE PARK	Greenville	↓									RECON & REHAB

Transit Projects

PIN #	FEDERAL TRANSIT ADMINISTRATION	FY 2014	FY 2015	FY 2016	Current FY Funding Year		FY (Extrapolated)						FUNDING
					FY 2017	SUMMARY 2017*	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
	GREENVILLE URBANIZED AREA (CA)	3,438	3,052	2,887	3,087	12,464							FTA SECTION 5307 & 5340
	Greenville Transit Authority	2,301	2,070	1,935	2,192	8,499	2,192	2,192	2,192	2,192	2,192	2,192	
	Capital		143	442	412	997	200	200	200	200	200	200	
	Operating	1,062	1,000	100	461	2,623	742	742	742	742	742	742	
	Enhancements/Improvements	20	21		0	41							
	ADA	230	207	193	219	850	200	200	200	200	200	200	
	Planning Administration				0								
	Preventative Maintenance	989	700	1,200	1,100	3,989	1,050	1,050	1,050	1,050	1,050	1,050	
	Clemson Area Transit	1,137	981	952	895	3,966	895	895	895	895	895	895	
	Capital												
	Operating	734	616	660	586	2,595	586	586	586	586	586	586	
	Enhancements/Improvements	10	10			20							
	ADA				1	1	1	1	1	1	1	1	
	Planning Administration/Security		10	10	10	29	10	10	10	10	10	10	
	Preventative Maintenance	394	346	283	229	1,252	229	229	229	229	229	229	
	GREENVILLE URBANIZED AREA (PL)	91	100	100		291							FTA SECTION 5303
	MAULDIN-SIMPSONVILLE URBANIZED AREA (CA)	1,497	1,494	1,709	875	5,576	875	875	875	875	875	875	FTA SECTION 5307
	MAULDIN-SIMPSONVILLE URBANIZED AREA (PL)												FTA SECTION 5303
	GREENVILLE - ELDERLY AND DISABLED TRANSIT PROGRAM (CA)		357	360	356	1,073	356	356	356	356	356	356	FTA SECTION 5310
	-- CAT ADA Senior Solut.		10			10							
	-- Turning Point of SC		125			125							
	GREENVILLE - BUS AND BUS FACILITIES PROGRAM (CA)	291	303	528	277	1,399	277	277	277	277	277	277	FTA SECTION 5339
	-- GTA Capital Purchase	155	162	354	197	868	197	197	197	197	197	197	
	-- CAT Capital Purchase	136	141	174	80	531	80	80	80	80	80	80	
	-- CAT No/Low Grant			3,905		3,905							5339(c)
	STATE MASS TRANSIT FUNDING			441	342	783	342	342	342	342	342	342	SMTF
	-- GTA SMTF			296	243	538	243	243	243	243	243	243	
	-- CAT SMTF			145	99	244	99	99	99	99	99	99	
	SCDOT Vehicle Replacement Initiative			2,134		2,134							FTA SECTION 5307
	-- GTA Capital Purchase			377		377							SMTF
	-- CAT Capital Purchase			2,338		2,338							5037
				413		413							SMTF
	FTA SUBTOTAL	5,608	5,744	16,160	\$5,556	\$32,778	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	\$ 5,556	

*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 #	TA Program		Previous Obligations	FY 2017	FY						TIP COST (2018-2023)	REMAINING COST (2024+)	FUNDING
	Priority	Jurisdiction/Projects			2018	2019	2020	2021	2022	2023			
	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	323										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	1,245										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
	1	Anderson County Ragsdale Road Sidewalks Additional Funding		320									TAP 20% Local Match
	2	City of Fountain Inn Woodside Park Connector		119									TAP 20% Local Match
	3	City of Pickens Pickens Downtown Doodle Connector		204									TAP 20% Local Match
		TAP OBLIGATION	(4,833)	(644)	0	0	0	0	0	0			
		ANNUAL TAP ALLOCATION		631	622	622	622	622	622	622	3,731		
		FUNDING ADVANCEMENT	1,244	631	622	622	622	622					
		ADVANCEMENT REPAYMENT		622 (13)	622 (13)	622 (13)	622 (13)	622 (14)	622 (15)	622 (16)			
		BALANCE	(3,589)	(3,593)	(2,971)	(2,349)	(1,727)	(1,105)	(1,106)	(1,106)			
		TAP TOTAL		644	0	0	0	0	0	0			
FY 2014-2019 TIP GRAND TOTAL													

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



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Attachment 4

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: August 22, 2017

SUBJECT: Horizon 2040 LRTP Update

The GPATS Long-Range Transportation Plan is progressing at all possible speed. Kimley-Horn and Associates are working with SCDOT and GPATS on project prioritization and cost estimates. While these lists are not ready for the GPATS Policy Committee, they will be sent for review as soon as they are developed. Please find **Attachment 4.2**, the Prioritization Measures being used for Roadway Projects.

Keith Brockington will be making a brief presentation to the Policy Committee regarding

- DRAFT Project Lists
- Information regarding Federal Performance Measures and the impact they will have on project ranking, implementation, and compliance
- Summarized results of public engagement efforts to date, and information on the final Public Roll-Out Meeting
- Information regarding potential implementation strategies, including funding breakouts for project type
- October 16th Adoption heads-up.

Over the next 2 months, GPATS Staff and Kimley Horn and Associates with Alta Planning will be drafting the Document ahead of Adoption.

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

Prioritization Measures

Guiding Statement	Measure Definitions	Weighting
Culture & Environment	Environmental Impacts: The environmental impacts score is based on an assessment of potential impacts to natural, social, and cultural resources. <i>Scored by: SCDOT</i>	Widening and Improvements: 2% New locations: 15% Intersections: 2%
Economic Vitality	Truck Traffic: The truck traffic score is based on current truck percentages. <i>Scored by: KH using Travel Demand Model</i>	Widening and Improvements: 10% Intersections: 15%
	Economic Development: The economic development score is determined using the Transportation, Distribution, and Logistics (TDL) tool developed by Clemson University. The tool assesses the economic development impact of transportation infrastructure projects. <i>Scored by: KH with SCDOT Tool</i>	Widening and Improvements: 10% New Locations: 15% Intersections: 8%
Growth & Development	Located on a priority network (national highway system (NHS), freight, and strategic corridors): The priority network score is based on a project's location in relationship to defined priority networks. <i>Scored by: KH</i>	Widening and Improvements: 25% New Locations: 15% Intersections: 10%
	Consistency with Local Land Use Plans: Verification of consistency with local land use plans is confirmed during the STIP process. <i>Scored by: KH</i>	Not Ranked. All improvements are assumed to be consistent given the participation of member jurisdictions throughout plan development.
Mobility & Accessibility	Traffic Volume and Congestion: The traffic volume and congestion score is based on current and future traffic volumes and the associated level-of-service condition. <i>Scored by: KH using Travel Demand Model</i>	Widenings and Improvements: 35% New Locations: 40% Intersections: 25%

	<p>Alternative Transportation solutions: Consideration of alternative transportation solutions is confirmed during the National Environmental Policy Act (NEPA) process.</p> <p><i>Scored by: KH</i></p>	<p>Not ranked</p>
<p>Safety & Security</p>	<p>Public Safety: The public safety score is based on an accident rate that is calculated by the total number of crashes within a given road segment divided by the traffic volume and multiplied by the number of years.</p> <p><i>Scored by: SCDOT</i></p>	<p>Widenings and Improvements: 10%</p> <p>Intersections: 20%</p>
	<p>Geometric Alignment Status: The geometric/alignment status is based on an assessment of the intersection's functionality and operational characteristics.</p> <p><i>Scored by: SCDOT</i></p>	<p>Intersections: 20%</p>
<p>System Preservation & Efficiency</p>	<p>Financial Viability: The financial viability score is based on estimated project cost in comparison to the six-year Statewide Transportation Improvement Program (STIP) budget. Additional consideration will be given to projects supplemented with local project funding and/or other federal and state funding</p> <p><i>Scored by: KH, GPATS</i></p>	<p>Widenings and Improvements: 5%</p> <p>New Locations: 10%</p>
	<p>Pavement Quality Index: The PQI score is based on pavement condition assessments.</p> <p><i>Scored by: SCDOT</i></p>	<p>Widenings and Improvements: 3%</p>



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Attachment 5

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: August 22, 2017

SUBJECT: Federal Performance Measures Update

With the Federal Transportation Authorization Acts of MAP-21 and the FAST Act, Performance Measures have been put in place to objectively measure the impact of transportation projects.

Targets and Data sources are making their way from the Feds through SCDOT, and compliance is starting to be required by the MPOs and COGs. GPATS will be the first MPO in South Carolina that will have an LRTP Update that takes these formal Performance Measures into account.

The goal areas are:

- Safety
- Infrastructure Condition
- Congestion Reduction
- System Reliability
- Freight/Economic Vitality
- Environmental Sustainability
- Reducing Project Delivery Delays

Brennan Hansley with GPATS Staff will make a presentation on the impact of the Performance Measures on GPATS functions and planning, and how we will be adapting our Planning Process.

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