

AGENDA
GPATS POLICY COORDINATING COMMITTEE
May 18, 2020
10:00 a.m.

Greenville County Square is currently closed for public meetings.
The GPATS Policy Committee meeting is to be conducted with remote participation by
Members, who have been emailed a special link.
Citizens and other interested parties may access the meeting at the appointed time, at the
following web address: <https://www.greenvillecounty.org/livestreamplanning.aspx>

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|----------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| | 1. CALL TO ORDER / WELCOME AND INTRODUCTIONS | <i>Chairman</i> |
| | - ROLL CALL OF MEMBERS | <i>Councilman Butch Kirven</i> |
| action: | 2. APPROVAL OF THE FEBRUARY 24, 2020 COMMITTEE MINUTES | Attachment 1
<i>Chairman</i>
<i>Councilman Butch Kirven</i> |
| | 3. PUBLIC COMMENT | Attachment 2
<i>Chairman</i>
<i>Councilman Butch Kirven</i> |
| | 4. SCDOT PROJECT STATUS UPDATE | Attachment 3
<i>Casey Lucas</i>
<i>SCDOT Project Manager</i> |
| | 5. CARES ACT AND FY2020 TRANSIT APPORTIONMENTS | Attachment 4
<i>Asangwua Ikein</i>
<i>GPATS Transit Planner</i> |
| action: | 6. GPATS TRANSPORTATION IMPROVEMENT PROGRAM FY2021 – 2026 | Attachment 5
<i>Keith Brockington</i>
<i>GPATS Transportation Manager</i> |
| action: | 7. CITY OF GREENVILLE, DOWNTOWN TRANSPORTATION MASTER PLAN ENDORSEMENT | Attachment 6
<i>Jonathan Chasteen</i>
<i>Graham Malone</i>
<i>HDR Inc.</i> |
| | 8. NEW BUSINESS | |
| | 9. ADJOURN | |

MINUTES
GPATS POLICY COORDINATING COMMITTEE
February 24, 2020
Suite 400 – County Square
10:00 a.m.

MEMBERS PRESENT: Chairman Butch Kirven, Senator Rice, Senator Cash, Senator Loftis, Senator Turner, Representative Burns, Representative Collins, Representative Smith, Commissioner Davis, Councilor Costner, Councilor Davis, Councilor Hudson, Councilor Meadows, Councilor Seman, Mayor Danner, Mayor Durham, Mayor McLeer, Mayor Merritt, Mayor Petersen, Mayor Shewmaker, Mayor Womack, Dick O’Neill, and Keith Brockington

OTHERS PRESENT: P. Gucker, H. Gamble, B. Groel, H. Hahn, A. Ikein, D. Montgomery, C. Lucas, C. Lewis, B. Revis, E. Hailey, R. Ward, D. Lackey, S. Jackson-Amell, M. Pleasant, B. Madden, D. Cooper, C. Brink, S. Limbaker, L. Estep, V. Holmes, C. Link, and J. Parkey

CALL TO ORDER/WELCOME

Chairman Kirven called the meeting to order at 10:03 a.m. He welcomed everyone and recognized Mayor Butch Womack, Mayor Paul Shewmaker, Mayor G.P. McLeer, Mayor Fletcher Perry, Mayor Terry Merritt, and GTA Chair Dick O’Neill the newest members of the GPATS Policy Committee.

APPROVAL OF THE OCTOBER 21, 2019 COMMITTEE MEETING

MOTION: By Senator Rice, seconded by Senator Ross to approve the minutes of the October 21, 2019 Committee meeting as presented. The motion carried unanimously by voice vote.

PUBLIC COMMENT

There were no individuals signed up for public comment.

SECRETARY OF TRANSPORTATION PRESENTATION

SCDOT Secretary of Transportation, Christy Hall, gave a PowerPoint presentation to the Committee titled State of SC’s Roads. She Stated that, nationally, South Carolina is the fourth-largest state highway system and is serving the sixth-fastest population growth rate. She advised the Committee the SCDOT is making steady progress in addressing the thirty-year backlog of deferred maintenance on the state highway system. She explained, in the previous ten years, the SCDOT’s annual construction program was roughly \$1 billion and has increased to \$3.2 billion. This amount is expected to grow to possibly \$5 billion in the next two years. She stated she has recently signed contracts for an additional \$84 million in paving projects.

She briefly discussed the four main priorities for the SCDOT:

- Paving Projects – \$40 billion from thirty years of backlog
- Safety Projects – Rural Road Safety Program
- Bridge Replacement Projects – SCDOT identified 465 bridges
- Interstate Widening Projects – Greenville, Columbia, and Charleston

She stated South Carolina has the highest rural fatality rate in the nation. She advised once the State Gas Tax passed, SCDOT created the Rural Road Safety Program, which funds \$50 million annually to this program. She continued that SCDOT is in year 3 of the Phased-In 12¢ State Gas Tax increase and that one penny from the State Gas Tax generates \$34 million. She presented a slide showing infrastructure costs:

- \$1 million repave = 3 miles of two-lane highway
- Bridge replacement cost = \$1.5 million each
- Interstate Widening cost per mile = \$10 million rural & \$30 million urban
- Interchange Upgrade cost = \$60 to \$100 million each

She stated as of December 31, 2019, the State Gas Tax Trust Fund had a cash balance of \$478 million, with more than \$1.2 billion to invest in road and bridge projects, and has paid out \$566 million for projects. She explained that out of the State Gas Tax funds, \$854 million was for paving, \$124 million was for rural road safety, \$12 million went towards additional bridge projects, and \$247 million was for interstate widenings. She stated the State Gas Tax Trust Fund, along with the new State Gas Tax, includes additional funds the General Assembly gave SCDOT in 2016 to begin an Interstate Widening Program.

She advised the SCDOT 10-Year Plan combines Federal funds, existing funds, and State Gas Tax funds. She stated SCDOT is currently 2.5 years into the 10-Year Plan and is expecting to meet or exceed their goals on Rural Road Safety Projects, Bridge Projects, Interstate Pavement Conditions, Major Road Pavement Conditions, and Farm to Market Pavement Conditions. She advised the strategic approach to the Interstate Widening Program will be to target the three biggest pinch points that affect the movement of people and goods, which are the I-85/I-385 interchange, Malfunction Junction, and the I-26/I-526 interchange, and widen key rural stretches to target freight needs in the state. She stated the SCDOT Commission gave the SCDOT their approval to move forward on preliminary engineering for the first two phases of rural interstates for the Rural Freight Priority Projects. She invited the members and attending guests to visit the SCDOT webpage or to follow on social media for updates and explained how the SCDOT's webpage has a transparency tag showing how the new State Gas Tax and other funds are spent.

Secretary Hall made herself available for any questions.

There was a brief discussion on whether SCDOT would reconsider bringing back the Buyback Program.

Secretary Hall stated that SCDOT is aware of the desire from local governments for this program to continue.

Senator Rice asked what the ratio of match money is for Interstates and US Highways from the Federal Government.

Secretary Hall replied the allocations from the Federal government they receive have not increased, but SCDOT targets these funds toward projects that will involve the FHWA. She stated the SCDOT receives a 90/10 split instead of the usual 80/20 on Interstate projects and that FHWA reimbursement funds are then reinvested back into the Interstate Program. She advised that there are some exemptions, such as the Rural Freight Corridor Projects. She explained how the Tax Credit Rebate is due to expire after the State Gas Tax is fully phased-in, and when the Tax Credit expires, state funds will be allocated to the first two phases of the Rural Freight Corridor Projects.

Senator Rice asked has the SCDOT explored the idea of toll lanes or to add a third lane.

Secretary Hall replied the SCDOT has inquired into the possibility of toll lanes and found that it is not practical on I-85, I-26, and I-20. She stated a tolling option could be considered on I-95 bridges, as could a hot lane on I-526.

Chairman Kirven asked if the Guideshare funds that come through GPATS and other MPOs have been stable and if this was a direct relationship to the stability of the federal funding.

Secretary Hall confirmed this is correct.

Mayor Durham inquired about the safety concerns on I-29 between Anderson and Greenville, as well as the bridge problems in the area, and if the SCDOT Plan would include widening this highway to a continuous four-lane highway.

Secretary Hall stated the SCDOT defers to the MPOs or COGs to make these decisions and funding was based on their rating system for widening projects that do not involve the Interstate.

A question was asked if the SCDOT is projecting any increases to the County Transportation Committees (CTCs) funding from the State Gas Tax.

Secretary Hall advised the CTCs will be allocated more funding than MPOs or COGs once everything is fully phased-in.

Representative Smith asked if she would explain how the State Infrastructure Bank (SIB) funding works into projects, particularly with the additional State Gas Tax funds.

Secretary Hall answered the SIB and SCDOT are entirely separate, and the SIB is not getting any additional funding from the State Gas Tax.

Commissioner Davis wanted to take this opportunity to express what excellent work Secretary Hall is doing and that the SCDOT 10-Year Plan will not happen overnight, but will take some time to accomplish.

Chairman Kirven thanked Secretary Hall for accepting the GPATS invitation and giving the SCDOT update presentation. He recognized Stephanie Jackson-Amell, District Administrator with the SCDOT, at this time, who is retiring, and thanked her for her assistance with GPATS.

SCDOT PROJECT STATUS UPDATE

Casey Lucas, Program Manager with the SCDOT, addressed the Committee members with a slide presentation update on various projects within the GPATS area that was included in each member's packet.

- Butler Road Project contract was executed with Infrastructure Consulting and Engineering (ICE) for design services. She advised the SCDOT surveys were submitted to ICE.
- West Georgia Rd Improvements funding was received from the City of Simpsonville, and SCDOT can begin procuring a consultant.
- She stated there are five new Bridge Projects that have recently been added to the Transportation Improvement Program (TIP).
- Roper Mtn Rd and Roper Mtn Rd Extension Projects will be in the April 2020 letting.
- SC-153 Intersection Improvement utilities are now certified, and the project will be placed in the June 2020 letting.
- S-164 Gibbs Shoals Rd Bridge Replacement was let in February 2020.
- Woodruff Rd Parallel National Environmental Policy Act (NEPA) document was submitted to FHWA and SCDOT for approval. She stated the SCDOT project website schedule was updated, and a public hearing will be held in Spring 2020. A decision from FHWA is expected in Summer 2020. She stated, excluding this project and the Butler Rd Project, that all active Guideshare projects would be in the construction phase this year.

- Riverside Middle School TA project has a utility conflict with the Town of Pendleton. She advised the Town of Pendleton qualifies for funds through the new Utility Bill, and the SCDOT Director of Utilities is assisting in securing these funds.
- The Fountain Inn Woodside Connector and Pickens Downtown Doodle Connector TA projects preliminary plans are in the final stages. She advised the Design Field Review (DFR) was held in February 2020 for the Fountain Inn Woodside Connector, and that designs for both projects are moving forward.
- Minor Street Sidewalks TA project was let in February 2020 to receive bids from contractors.
- S-164 Batesville Rd and SC-153 Extension Projects have experienced delays with construction due to the recent weather conditions.
- SC-146 Woodruff Rd Widening utility relocations are ongoing, and drainage installation will begin in March.
- SC-14 Improvements are continuing. She stated the widening and paving are underway. She advised new signal poles are being placed, and that the walls and sideline are completed.
- S-75 Mt Lebanon Church Rd Bridge is a Non-Guideshare project for two bridge replacements. She stated bents are being driven for both bridges, but the project has experienced minor setbacks due to recent flooding in February.
- S-272 West Georgia Rd Bridge Replacement is a Non-Guideshare project. She stated the bridge deck was poured in February, and asphalt is being laid along the new roadway alignment.
- She advised that the Fairview Street Bridge project over I-385 and the Hampton Ave Pedestrian Bridge project were complete.

Chairman Kirven announced there will be a ribbon-cutting ceremony for the Hampton Ave Pedestrian Bridge on Friday, March 6th, at noon and everyone is invited.

Ms. Lucas made herself available for any questions.

FTA SECTION 5310 APPLICATIONS

Asangwua Ikein addressed the Committee members with a slide presentation about FTA Section 5310, Elderly and Disabled Services, applicants applying for available funds. He stated the Transit Coordinating Committee (TCC) evaluated applications from Senior Solutions, scoring 46.4/100, and Turning Point of SC, scoring 63.4/100. He stated after evaluating both projects, the TCC recommends the applicants resubmit their applications with better answers for the evaluation criteria. He advised the TCC will create a new 5310 application and policies to better evaluate future applicants.

He stated the current funds available are approximately \$579 thousand and that GPATS recently received notice that the FY2020 amount will be \$402 thousand. He advised Senior Solutions has requested a change to their previously approved application. He explained this is due to the reallocation of their local match from the leasing of a building to the purchase of a vehicle. He stated the allocation split for this requested change is 50/50 versus 80/20, which raises their federal match from approximately \$155 thousand to approximately \$167 thousand.

Mr. Ikein made himself available for any questions.

Chairman Kirven stated he noticed the Study Team recommends not to approve these items.

Mr. Brockington advised the Committee members that the Study Team recommended not to award funding due to the low scores on the applications. He stated that, additionally, Senior Solutions' request for an increase of funds from \$155 thousand to \$167 thousand changes the scope of the original application that was approved. He advised the Study Team recommended not to approve Senior Solutions' request for an increase in funding and to instruct them instead to apply in the future for the additional funding.

Senator Cash asked for clarity on voting for these action items.

Chairman Kirven advised it can be held or denied for future application opportunities.

Mr. Ikein reviewed with the Committee members the three recommendations TCC created and explained the evaluation process.

Representative Smith asked what caused the applicants' rating to be so low.

Mr. Ikein answered the TCC realized the answers given on the application were not sufficient for evaluating purposes and the TCC will update the current application to collect better answers.

Chairman Kirven asked if there would be a disruption to service for the population should the Committee hold these items over for the next Policy Committee meeting.

Mr. Ikein advised the TCC recommendation is to allow the applicants to resubmit the applications, and that it should not hinder operations at this time.

A question was asked if there is assistance for the applicant to understand the application process better.

Mr. Ikein stated he is available to the applicant.

MOTION: By Representative Smith, seconded by Senator Rice to reject the current applications and allow the Transit Coordinating Committee to request for new applicants under the revised application form. The motion carried unanimously by voice vote.

GPATS TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT AC #2

Keith Brockington addressed the Committee members on the FY2020-FY2025 TIP Amendment AC #2 financial statement that was included in the Committee's agenda packet. He advised changes in the TIP are highlighted, including the FTA 5310 items in yellow from the Transit Coordinating Committee that were recently under review. He stated the FTA 5310 items would not be included in the final TIP due to the decision to not move forward from the previous item. The following changes were at the request of SCDOT:

- US-25, I-85 to Lily St - Safety Improvements
 - Add \$50k of ROW to FY2020
 - Add \$1.3mil of Const. to FY2021
- US-146 Roper Mtn Rd to Bagwell Rd - Safety Improvements
 - Add \$50k of ROW to FY2020
 - Add \$1.6mil of Const. to FY2021
- New Bridge Replacement Projects
 - Mill St (S-4-931) over Big Creek - \$2.95mil
 - Hunts Br. Rd. (S-39-140) over Shoal Creek - \$1.831mil
 - Hester Store Rd. (S-39-25) over Doddies Creek - \$1.741mil
- Correction of Section 5310 Overall Amounts in FY2018 and FY 2019

Mr. Brockington made himself available for any questions.

MOTION: By Representative Smith, seconded by Mayor Durham to approve the Transportation Improvement Program AC #2 Amendment. The motion carried unanimously by voice vote.

TITLE VI DOCUMENTS UPDATE

Asangwua Ikein addressed the Committee members with a slide presentation on updates to the Title VI Plan documents. He stated these updates are at the request of FTA and are as followed:

- Public Notice to include reporting directly to FTA and how to report on the GPATS website
- Public Participation Plan (PPP)
- Limited English Proficiency (LEP) Plan
- GPATS Advisory Team (Study Team)
- Monitoring of Sub-recipients
- Demographics Data with the latest US Census data
 - ♦ Non-White
 - ♦ Hispanics or Latino
 - ♦ Average Median Income (AMI) of \$54,799 within GPATS region
 - ♦ Environmental Justice Area (EJA) – these are places where the populations is 50% Non-White and the (AMI) of \$54,799 is ≤ 80%

There was a brief discussion about the demographic data and maps shown from the slide presentation.

Mr. Ikein made himself available for any questions.

MOTION: By Mayor Danner, seconded by Mayor Petersen to approve the FTA requirements to the Title VI Plan, Public Participation Plan, and Limited English Proficiency Plan documents. The motion carried unanimously by voice vote.

GPATS INTERACTIVE MAPPING SYSTEM UPDATE

Asangwua Ikein addressed the Committee members with a presentation from the GPATS website on the GPATS Interactive Mapping System. He gave a brief demonstration of the Corridor and Point Projects in the GPATS Region, Crash Data, and Upstate Regional Transit Systems maps.

Mr. Ikein made himself available for any questions.

Mr. Brockington advised that the Interactive Mapping System is always changing and being updated. He stated that if there are any corrections, suggestions, or projects in their area they would like added to the Interactive Mapping System, to contact Mr. Ikein.

A question was asked if municipalities can use this data to overlay on their maps.

Mr. Brockington advised GPATS would be able to share the shapefiles with their staff.

Mr. Ikein advised the municipalities would need Geographic Information Systems (GIS) mapping software to view the shapefiles.

TRANSPORTATION ALTERNATIVES PROGRAM, FY2020 CYCLE

Keith Brockington addressed the Committee members with an update on the Transportation Alternatives (TA) Program for the FY2020 cycle. He explained GPATS would not be doing a “Call for TA Projects” at this time due to SCDOT undergoing considerable changes to the TA program. He advised there was a threat of rescission, but this has since been canceled. He further explained SCDOT is still looking at program lapses. He stated GPATS has not received the TA allocation amount for this year, but is working with the SCDOT TA office to get the allocation amount and will present this to the Policy Committee at the next meeting.

Mr. Brockington made himself available for any questions.

ADJOURNMENT

MOTION:

By Representative Smith to adjourn, without objection
Chairman Kirven adjourned the meeting at 11:53 a.m.

Submitted by Recording Secretary



Greenville County Planning Department

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Attachment 2

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: May 18, 2020

SUBJECT: Virtual Public Comment Memo

The GPATS Policy Committee will be taking Public Comment as required by its Bylaws through virtual participation during the May 18th online meeting.

As participation during the meeting is closed to the general public viewing from <https://www.greenvillecounty.org/livestreamplanning.aspx>, all citizens or parties wishing to publicly address the Policy Committee must contact GPATS Staff in advance of the meeting to receive participant access to the online meeting platform.

Please email gpats@greenvillecounty.org prior to May 15th and provide the following information:

- Name
- Address/Organization
- Topic you wish to discuss

The Chairman may limit public comment per the GPATS Bylaws to 3 minutes each, and ten individuals if needed.

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

GPATS PROJECT STATUS REPORT

		 PROJECT SCOPE	 CURRENT STATUS	 PAST UPDATE SUMMARY	 UPDATES	
GPATS TIP/Guideshare	S-164 Batesville Rd Widening	0037686	Widen 2.2 miles of S-164 Batesville Road to 3 lanes with curb, gutter, sidewalks and bike lanes from SC 14 to Roper Mountain Road. Design by Vaughn & Melton Consulting Engineers.	In Construction Est. Completion: 11/2021	Project let 03/12/2019. Awarded to Eagle Construction. (\$16,635,841.52) Pre-Con held mid-May 2019. Construction began 6.5.19.	Bridge contractor returning to site this week. Right side widened from approx. 40+00 to approx. 65+00. Installing drainage same stations left side. Wall 1 and 4 working around utilities.
	SC 153 Extension	0039309	Easley - extend SC 153 from US 123 to Saluda Dam Road, a distance of 3 miles, including new bridges over Norfolk-Southern railroad and Hamilton Creek.	In Construction Est. Completion: 12/2020	Currently on schedule. Work on all bridges in continuing. MSE wall construction has been completed for the NSRR bridge. Grading and filling operations still underway.	90% covered with asphalt. RB1 very rough graded - RB2 95% complete – RB3 curb and gutter this week. Project is ahead of schedule based on latest CPM schedule.
	SC 146 Woodruff Rd widening	0039660	Greenville County - widen Woodruff Road from Scuffletown Road to Bennetts Bridge Road (SC 296) and improve Scuffletown Road between Woodruff Road and Adams Mill Road	In Construction Est. Completion: 05/2021	Project let 04/09/2019. Awarded to Sloan Construction. (\$9,665,817.48). Construction began 7.15.19	Due to numerous Utility delays(PNG/GWS & Metro Sewer) and the emergency culvert repair effort, work began 4/8, at Pawleys Dr. and is approaching Bennetts Bridge Rd. Utilities continue relocation efforts.
	SC 14 Improvement	0041443	Greenville County - between Five Forks Road and Bethel Road; add dual left turn lanes at Five Forks Road and at Bethel Road, improve the Five Forks Rd/Parkside Drive intersection, and add one lane in each direction to SC 14 between the two intersections	In Construction Est. Completion: 12/2019	Weather has impacted construction progress, however the wall along Bethel Road is almost complete, and the contractor will begin grading later in the spring.	Project is complete, other than a couple of pedestrian push button assemblies being installed and final stabilization.
	Roper Mountain Rd.	0041471	Greenville County - Improvements between RMR Ext. and I-85; widen to 5 lanes with curb&gutter, sidewalk, & bike lanes from near RMR Ext. to Blacks Drive, and to 3 lanes for the remainder. Design by HDR.	In Bid Review Let: 4/2020	Risk: Construction cost and UT phase to increase based on construction plan estimates and UT agreements needed for certification. Utility phases were increased in the TIP to cover estimated agreement cost (8/19)	Project let 4/2020 and in Bid Review
	Roper Mountain Rd. Extension	0041472	Greenville County - Improvements between Pelham Road and Roper Mountain Rd.; 3 lanes with curb & gutter, sidewalk, & bike lanes. Design by HDR.			
	Woodruff Road Parallel	P028743	The purpose is to reduce congestion on Woodruff Road; tentative limits are from the Woodruff Rd./Mall Connector Road area to the Woodruff Rd./Smith Hines Rd. area, but NEPA process will define actual project limits. Design by Infrastructure Consulting & Engineering.	In NEPA Process Current Let Date: TBD	With approval of new TIP in June 2019, alternative 6C will be the preferred alternative. FHWA reviewing draft EA, and noise study is underway.	EA signed 4/7/2020. Next step is Public Hearing. Currently evaluating options on how to proceed in light of COVID-19.
	SC 153 Intersection Improvement	P028744 P037434	Powdersville - Intersection improvements at SC 153 & S-143 River Road and SC 153 at S-94 Old Pendleton Road	In Letting Prep Current Let Date: 06/2020	Project in the ROW phase as of 5/2018.	Projects submitted to Letting Prep Office to be included in the 6/2020 letting.
	S- 107 Butler Road	P030553	City of Mauldin - Reconstruct existing 3 lane road with curb and gutter, bike lanes and sidewalks for approximately 1.7 miles from Brides Rd. to US 276 Main St.	In PE Current Let Date: 12/2022	Consultant negotiations began 1.24.19.	Traffic analysis and SUE underway
	S-164 Batesville Rd.	P030554	Greenville County - S-164 Batesville Road Phase II, Pelham Rd. to the Parkway. Widen to 3 lanes with curb & gutter, and sidewalks.	on hold Current Let Date: TBD	Due to the uncertainty of the I-85 widening project, the ROW phase was moved to FY 2024, and Road Construction, Bridge Construction, Utility and CE&I Phases, and the let date were moved to FY 2025. When there is a clear path forward, funding will be adjusted accordingly.	
SC 183 & Jameson Rd Intersection	037728C	Pickens County - Convert intersection of SC 183 Farris Bridge Rd and S-95 Jameson Road to a roundabout.	In PE	Project on-hold in 2017 per GPATS Policy Committee pending outcome of SIB application (for funds to multilane SC 183). In FY 2020-2025 TIP this project is removed from being on hold, and ROW is FY 2021	Project path forward dependent on SIB application project, per Policy Committee 10/2019	

		 PROJECT SCOPE	 CURRENT STATUS	 PAST UPDATE SUMMARY	 UPDATES	
Interstate	I-85/I-385 Interchange	0038111	Greenville County - A design-build project to upgrade the I-85/I-385 interchange and to complete the 6-laning of I-385 between Butler and Roper Mountain Road.	Est. Completion: 9/2020	Awarded to Flatiron Constructors/Zachry Construction Corp Joint Venture (\$231,116,087.00) . Construction began late 1/2016.	
	I-85 Widening		Greenville County - from SC 153, Exit 40, to near SC 85, Exit 69: widen to 8 lanes.	In Planning	Expected to be a design-build project, tentative construction beginning 2025.	
	I-385 Pavement Rehabilitation	P027223	Greenville County - Rehab and resurface I-385 from near Stone Avenue to Roper Mountain Rd.	In Construction Est. Completion: 10/2020	Let 5/2016 but no bids received; re-let 8/2016. Awarded to: Sloan Construction (\$24,465,783.66). Construction began late 2016. A construction change order has been completed (surveys and cross slope correction plan)	Work to restart by the end of April. Guardrail will be reset first before paving operations begin.
	I-85/SC 290 Interchange	P027379	Spartanburg County - convert the existing diamond interchange to a diverging diamond and improve the ramps. Design by Kimley-Horn & Associates.	In ROW	tentative construction 2021. ROW phase began 9/2019.	
	I-85 Widening	P027114	A design-build project to widen I-85 from S-57 (Gossette Rd) at Exit 80 to SC 18 Shelby Highway) at Exit 96.	Est. Completion: 8/2021	Awarded to: Blythe/Zachry (\$435,576,907)	
Bridges	S-164 Gibbs Shoals Road	0027178	Greer - S-164 Gibbs Shoals Road over Enoree River bridge replacement	In Construction Est. Completion 10/2020	Utility coordination is still underway. Awaiting UT certification. Letting was shifted accordingly.	Project Awarded to Eagle Construction for \$2,952,946.86 Preconstruction Meeting held 4/16. Jurisdictional limits flagged 4/20 Bridge closure estimated for June 1, 2020.
	S-75 Mt. Lebanon Church Road	P029127	Greenville/Spartanburg - S -75 bridge replacements over M. Tyger River and tributary of M. Tyger River	In Construction Est. Completion: 10/2020	Let 7/2019. Project awarded to E.S. Wagner Company, LLC (\$5,376,023.67)	Bridge construction continuing on Bridge 1 and 2. Fill has begun on the Spartanburg Side. Road scheduled to close on May 15th.
	S-272 W. Georgia Road	P028355	Greenville County - S-272 West Georgia Road Bridge Replacement over Reedy River. Bridge design by SCDOT, road design by CECS.	In Construction Est. Completion 7/2020	Let 12/2018 and awarded to GLF Construction Corporation \$5,592,320.00. PreCon Meeting 2.8.19	All asphalt has been laid with the exception of surface and driveway tie-ins. The bridge railing walls have been formed, and guardrail is being installed. Traffic will switch onto the new roadway the week of 4/27/20. Demolition on the existing roadway/bridge will begin in a few weeks.
	S-154 over Huff Creek	P038260	S-154 (Mckelvey Road) over Huff Creek Bridge Replacement (Y2 On-System Bridges)	Securing a Turn Key Consultant	RFP advertisement posted in June	In consultant negotiations
	S-140 over Shoal Creek	P037693	S-140 (Hunts Bridge Road) over Shoal Creek Bridge Replacement (Y1 Off-System Bridges)	In ROW Current Let Date: 6/2021		SCDOT 10 Year Plan Bridge Replacement
	S-250 over Doddies Creek	P037693	S-250 (Hester Store Road) over Doddies Creek Bridge Replacement (Off-Y1 System Bridges)	In ROW Current Let Date: 6/2021		SCDOT 10 Year Plan Bridge Replacement
	US 29 Church Street	P028821	City of Greenville - Bridge Rehabilitation of US 29 (S. Church Street) over S-75 (McBee Avenue) including a multi-use path along one side of bridge.	on hold	project on hold	

 PROJECT SCOPE			 CURRENT STATUS	 PAST UPDATE SUMMARY	 UPDATES	
TAP & LPA	Clemson University Trail	P036945	City of Clemson TAP- 1.3 mile bike/ped trail along W. Queen Street just south of City of Clemson	In PE Current Let Date: 12/2021	Toole Design Group has begun preliminary design work. Surveys have been completed. Review of design alternatives is underway.	TAP budget issues. Coordination with Clemson University on revised scope alternatives ongoing.
	Clemson University Trail Segment 2	P038477	City of Clemson ARC- Approx. 1 mile shared use path from intersection of Perimeter Rd and Old Stadium Rd to the trail head at W. Cherry Rd and W. Queen St. (ARC Funded project)	In PE Proposed Let Date: 03/2024	Clemson University ARC grant enhancement project located within GPATS boundary. Requested TIP/STIP inclusion. FPA executed 7.8.19.	Surveys ordered
	Downtown Doodle Connector	P038168	Pickens County - Shared use path of existing Doodle Trail along E. Cedar Rock St. from Hampton Ave. to S. Lewis St and along S. Lewis St from E. Cedar Rock St to Main St in downtown Pickens	In PE Proposed Let Date: 2/2022	Project going TAP On-Call consultant. Currently in the process of securing a consultant. Surveys have been completed.	Consultant working on Preliminary Plans. Pending alternative decision by City of Pickens before further plan development.
	Woodside Streetscape	0042551	City of Fountain Inn - new sidewalks and shared use path beginning at Fairview Street & Diamond Tip Blvd extending along Woodside Ave and ending at the intersection of Jones St & Wall St. w/ new alignment through Woodside Park.	In PE Current Let Date: 06/2021	Request to re-activate project. No longer LPA administered, now SCDOT administration of RW and CON phases. Awaiting design revisions for Q/A review.	DFR meeting held 2/11/20. RW scheduled to begin in May
	Woodside Park Connector	P038173	City of Fountain Inn - Converting existing trail connecting Woodside Park to Fairview St Park to an 11' wide shared use path	In PE Proposed Let Date: 2/2022	Project going TAP On-Call consultant. Currently in the process of securing a consultant. Surveys have been completed. Surveys have been completed.	Preliminary DFR held February 2020. Consultant working on preliminary plans and sent alternates for City of Fountain Inn review and decision.
	Haywood Rd Sidewalks	P038746	City of Greenville LPA - Installation of approximately 1600 LF of sidewalk along Haywood Rd beginning at I-385 bridge	In PE	Awaiting permissions from the City to move forward with geotech borings for wall design (2/20). TAP funds approved for all phases of work (PE,RW,CON). Revised FPA executed with the City of Greenville (10/19)	
	Ragsdale Rd. Sidewalk	P028261	Anderson County TAP- installation of 2500' if ADA compliant concrete sidewalk to connect Powdersville Schools with adjacent subdivisions.	In Letting Prep Current Let Date: 6/2020	Additional funding was secured, and preliminary engineering is beginning on this project.	Moved forward into the 6/2020 letting
	Minor Street Sidewalk	P032168	Town of Williamston TAP - Install concrete sidewalks on Minor Street from the Town Hall to the ball fields.	In Construction Est. Completion: 9/2020	Now in ROW, permissions only. The let date will move forward to summer 2019.	Awarded 3/4/2020 to S & S Construction, Inc. for \$192,514.68. NTP issued 3/17/2020
	Riverside Middle School Sidewalk	P030103	Town of Pendleton TAP - Repair existing & add new sidewalk & ped crossings & improve drainage along Riverside St from Thompson St to Riverside Middle School.	In ROW Current Let Date: 11/2020	RW began 3/2019	RW certified in 02/2020. Utilities nearing completion. Utility agreement with Town of Pendleton Water nearing completion.
	Swamp Rabbit Trail Extension	P029824	City of Simpsonville TAP- Multi-use path between Trade Street and Loma Street in. 2,700' multi-use path adjacent to railroad tracks.	on hold	Coordinating with Carolina Piedmont Railroad and the City of Simpsonville to determine project feasibility	
Fed. Earmark	Fairforest Way Phase 2	0036167	City of Greenville LPA - widen Fairforest Way to five lanes from Ridge Road to US 276, Laurens Road.	In Construction	NTP for construction services issued 7.16.19	Project awarded to Capitol Construction of the Carolina's
	West Georgia Rd (S-272) Improvements	P038375	Intersection improvements along W Georgia Rd at Neely Ferry, E Standing Springs Rd, & Rocky Creek Rd. Widening from Kettle Oak Way to Rio Grande and Morning Mist Ln to Malibu Ln	Consultant Negotiations Proposed Let Date: 1/2024	City of Simpsonville Earmark funding (FPA executed 2.26.19) with Greenville CTC Match. Project going Road On-Call. Scoping mtg held 05.07.19. Process to secure road on-call consultant is underway.	Kick Off mtg with consultant held 02/26/20. Consultant negotiations and surveys underway.

SCDOT PROJECT UPDATES

GPATS Policy Committee Meeting
May 18, 2020

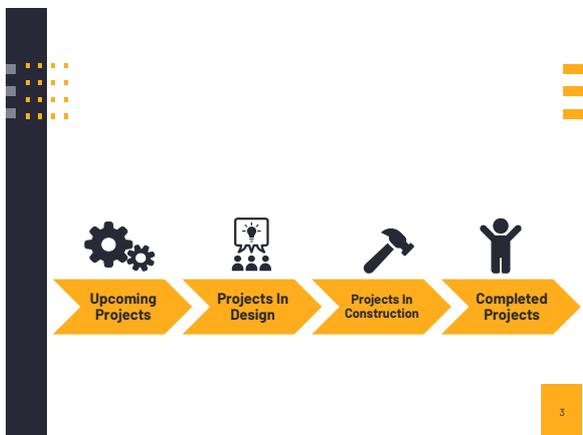


Hello!

Casey B. Lucas, P.E.
SCDOT Program Manager



2



projects in design

- Roper Mountain Road & Roper Mountain Road Extension
 - Let 4/2020
 - Awarded to Eagle Construction
- SC 153 Intersections
 - Submitted to Letting Prep for 6/2020 Letting
- Woodruff Road Parallel
 - EA signed by FHWA 4/7/2020
 - Next steps:
 - Currently exploring options for virtual public hearing.
 - Supporting GPATS with SIB application
 - Right of Way plan development
- S-107 Butler Road
 - Traffic analysis and SUE underway

4

projects in design

TAP Program

- Riverside Middle School
 - \$250K GPATS TAP Funding
 - Utility conflict with Town of Pendleton Water, \$30K
 - Funding shortfall due to utility conflict
- Fountain Inn Woodside Connector
 - \$351K GPATS TAP Funding
 - Preliminary DFR held 2.11.20
 - Awaiting decision from FI on alternative decision.
- Pickens Downtown Doodle Connector
 - \$404K GPATS TAP Funding
 - Preliminary plans development, and alternates sent to City of Pickens for their input.

5

A LOOK AT PROJECTS UNDER CONSTRUCTION



S-164 Batesville Rd. Widening

- Awarded to Eagle Construction Company 3/2019
- Work began 6/2019
- Anticipated Completion 11/2021



7

RCE Update

- Bridge contractor continuing work
- Road widening underway
- Drainage being installed
- Wall 1 & 4 are being constructed.



8



9



10

SC 153 Extension

- Awarded to Thrift Development 11/2017
- Work began 4/2018
- Anticipated Completion 11/2020



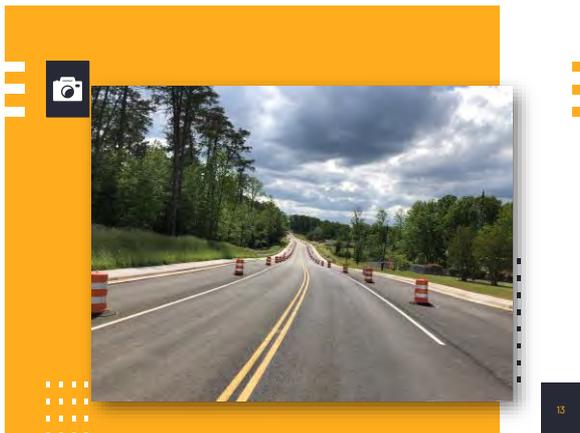
11

RCE Update

- 90% asphalt work completed
- RB1 grading underway
- RB 2 & RB 3 95% complete
- Construction ahead of schedule



12



13



**SC 146
Woodruff Rd.
Widening**

- Awarded to Sloan Construction 4/2019
- Work began 7/2019
- Anticipated Completion 5/2021



15

RCE Update

- Utility relocations underway
- Emergency culvert repair began 4/8 at Pawley's Drive



16

**S-164 Gibbs
Shoals Rd.
over Enoree River**

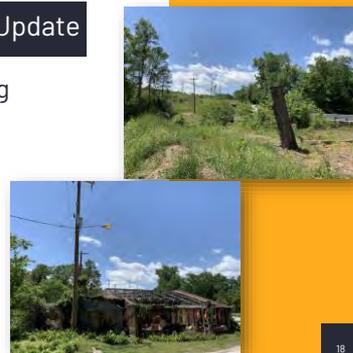
- Non-guideshare
- Awarded to Eagle Construction
- Work began 4/29/20
- Anticipated Completion 10/2020



17

RCE Update

- Precon meeting held 4/16/2020
- Jurisdictional flagging began 4/20/20
- Bridge closure estimated 6/1/2020



18

S-75 Mt. Lebanon Church Rd. Bridges

- Non-guideshare
- Awarded to E.S. Wagner Company, LLC 07/2019
- Work began 9/2019
- Anticipated Completion 10/2020



19



RCE Update

- Construction of Bridge 1 & 2 still underway
- Fill has begun on Spartanburg side
- Road scheduled to close May 15th

20

S-272 West Georgia Rd. Bridge

- Non-guideshare
- Awarded to GLF Construction 12/2018
- Work began 2/2019
- Anticipated Completion 6/2020



21



RCE Update

- Asphalt is down & bridge railing walls have been formed
- Guardrail is installed
- Traffic is now on new roadway! 👍
- Demo of old bridge/roadway to begin soon



22



23

Completed



24

SC 14 Improvements

- Awarded to Eagle Construction 11/2017
- Work began 10/2018
- Anticipated Completion 4/2020



25

RCE Update

- Final stabilization being added
- Pedestrian push buttons being installed



26



27



28



Thank you!

Any questions?

You can contact me at:

- LucasCB@SCDOT.org
- 803-737-1087

29



Greenville County Planning Department

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Attachment 4

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: May 18, 2020

SUBJECT: CARES Act and FY2020 Transit Apportionments

The FY2020 Transit Apportionments for Sections 5307, 5339, and the State Mass Transit Funds have been made available, and GPATS has applied the Transit MOU Formula to the split between the Greenville Transit Authority and Clemson Area Transit.

Please find **Attachment 4.2**, the Formula breakdown for FY2020, and **Attachment 4.3**, the Funding Split breakdown.

Also included in 4.3 is the breakdown of the CARES Act funding provided to our Urbanized Areas, which were appropriated based on the same metrics as 5307 and 5339, and thus split using the same formula.

Asangwua Ikein will be presenting this information and will field any questions from the Policy Committee. His presentation is being made available as **Attachment 4.4**.

This information has been incorporated into the GPATS Transportation Improvement Program, agenda item #5, and no action is required by the Policy Committee at this time.

GTA CAT Funding Formula 2020

Table 1
FY 2019 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)	Population / sq mi	Population Weighted Density (PWD)	Annual Vehicle Revenue Miles (VRM)	Annual Passenger Miles (PMT)	Total Operating Expenses (OE)	Efficiency
178,522	114	1,565.98	1,566.38	1,676,021	8,436,093	\$ 9,021,673.00	8,255,598.38

Greenville							
150,881	97	1,555.47	1,314.64	939,184	4,357,263	\$ 5,603,778.00	3,388,025.16
Share 84.52%	85.09%		83.93%	56.04%	51.65%	62.11%	41.04%

Clemson							
27,641	17	1,625.94	251.75	736,837	4,078,830	\$ 3,417,895.00	4,867,573.22
Share 15.48%	14.91%		16.07%	43.96%	48.35%	37.89%	58.96%

Split

Greenville	67.45%
Clemson	32.55%

100.00%

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

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

$$\text{Efficiency\%} = \text{Bus Passenger Miles Traveled}^2 / \text{Operating Cost}$$

GTA CAT Funding Formula 2020 CARES ACT

FTA/State Apportionment Breakdowns

	6/12ths Appor. FY2018	12/12 Appor. (est) FY2018	FY 2019	FY 2020	FY 2020 CARES ACT	Change (est)
Greenville UZA Overall Section 5307/5340	\$ 1,655,632.00	\$ 3,311,264.00	\$ 3,354,402.00	\$ 3,430,666.00	\$ 9,713,049.00	\$6,282,383.00
Section 5310	\$ 174,734.74	\$ 349,469.47	\$ 386,013.00	\$ 402,206.00		-\$402,206.00
Section 5339	\$ 198,933.00	\$ 397,866.00	\$ 363,842.00	\$ 379,389.00		-\$379,389.00
SMTF		\$ 368,190.00	\$ 340,659.00	\$ 328,534.00		-\$328,534.00
Total	\$ 2,029,299.74	\$ 4,058,599.47	\$ 4,444,916.00	\$ 4,540,795.00	\$ 9,713,049.00	\$5,172,254.00

Greenville Transit Authority						
	73.20%	73.20%	69.24%	67.45%	67.45%	0.00%
Section 5307	\$ 1,211,847.50	\$ 2,423,695.00	\$ 2,322,587.94	\$ 2,314,092.48	\$ 6,551,758.08	\$4,237,665.60
Section 5339	\$ 145,609.93	\$ 291,219.86	\$ 251,924.20	\$ 255,909.85	\$ -	-\$255,909.85
SMTF	\$ -	\$ 269,498.37	\$ 235,872.29	\$ 221,606.55	\$ -	-\$221,606.55
Total	\$ 1,357,457.43	\$ 2,984,413.23	\$ 2,810,384.44	\$ 2,791,608.89	\$ 6,551,758.08	\$3,760,149.19

Clemson Area Transit						
	26.80%	26.80%	30.76%	32.55%	32.55%	0.00%
Section 5307	\$ 443,784.50	\$ 887,569.00	\$ 1,031,814.06	\$ 1,116,573.52	\$ 3,161,290.92	\$2,044,717.40
Section 5339	\$ 53,323.07	\$ 106,646.14	\$ 111,917.80	\$ 123,479.15	\$ -	-\$123,479.15
SMTF	\$ -	\$ 98,691.63	\$ 104,786.71	\$ 106,927.45	\$ -	-\$106,927.45
Total	\$ 497,107.57	\$ 1,092,906.77	\$ 1,248,518.56	\$ 1,346,980.11	\$ 3,161,290.92	\$1,814,310.81

Mauldin-Simpsonville 5307	\$ 730,925.55	\$ 1,461,851.11	\$ 1,614,055.00	\$ 1,647,432.00	\$ 4,669,345.00	\$3,021,913.00
SMTF		\$ 177,453.00	\$ 164,184.00	\$ 157,764.00		-\$157,764.00



TRANSIT FY2020 APPORTIONMENTS

By Asangwua Ikein

FINER POINTS

- This funding can be used to cover 100% of operating cost including current operational expenses, sanitation, and paid sick leave.
- This funding cannot be used to expand beyond current capacity. It can only be used to maintain current capacity and services.
- This funding does not need to be added to the TIP/STIP and can be immediately allocated, dispersed, and used as transit agencies see fit.
- FTA prefers transit agencies use and exhaust these fund expeditiously.

CATbus

- CATbus has shut down three of their bus routes.
- CATbus ridership is primarily made up of Clemson University students and Clemson University has closed down the campus and has sent students home.

GTA - Greenlink

- GTA have reported as much as a 7% decline in ridership.
- to cope with COVID-19 safety concerns,
 - GTA has suspended collecting bus fares and instituted rear door boarding to reduce contact with bus operators,
 - has asked riders to only take essential trips, and
 - has limited buses to 10 passengers max.

GTA CAT Funding Formula 2020 CARES ACT

FTA/State Apportionment Breakdowns

Greenville UZA Overall Section 5307/5340	12/12 Appor. (est)				FY 2020 CARES ACT	Change (est)
	FY2017	FY2018	FY 2019	FY 2020		
	\$ 3,087,197.14	\$ 3,311,264.00	\$ 3,354,402.00	\$ 3,430,666.00	\$ 9,713,049.00	\$6,282,383.00
Section 5310	\$ 356,403.43	\$ 349,469.47	\$ 386,013.00	\$ 402,206.00		-\$402,206.00
Section 5339	\$ 277,032.00	\$ 397,866.00	\$ 363,842.00	\$ 379,389.00		\$379,389.00
SMTF	\$ 369,088.00	\$ 368,190.00	\$ 340,659.00	\$ 328,534.00		-\$328,534.00
Total	\$ 3,720,632.57	\$ 4,058,599.47	\$ 4,444,916.00	\$ 4,540,795.00	\$ 9,713,049.00	\$5,172,254.00

Greenville Transit Authority

	71.02%	73.20%	69.24%	67.45%	67.45%	0.00%
Section 5307	\$ 2,192,400.63	\$ 2,423,695.00	\$ 2,322,587.94	\$ 2,314,092.48	\$ 6,551,758.08	\$4,237,665.60
Section 5339	\$ 196,736.75	\$ 291,219.86	\$ 251,924.20	\$ 255,909.85	\$ -	-\$255,909.85
SMTF	\$ 262,111.14	\$ 269,498.37	\$ 235,872.29	\$ 221,606.55	\$ -	-\$221,606.55
Total	\$ 2,651,248.51	\$ 2,984,413.23	\$ 2,810,384.44	\$ 2,791,608.89	\$ 6,551,758.08	\$3,760,149.19

Clemson Area Transit

	28.98%	26.80%	30.76%	32.55%	32.55%	0.00%
Section 5307	\$ 894,796.52	\$ 887,569.00	\$ 1,031,814.06	\$ 1,116,573.52	\$ 3,161,290.92	\$2,044,717.40
Section 5339	\$ 80,295.25	\$ 106,646.14	\$ 111,917.80	\$ 123,479.15	\$ -	-\$123,479.15
SMTF	\$ 106,976.86	\$ 98,691.63	\$ 104,786.71	\$ 106,927.45	\$ -	-\$106,927.45
Total	\$ 1,082,068.63	\$ 1,092,906.77	\$ 1,248,518.56	\$ 1,346,980.11	\$ 3,161,290.92	\$1,814,310.81

[Mauldin-Simpsonville 5307](#)

	\$ 1,461,851.11	\$ 1,614,055.00	\$ 1,647,432.00	\$ 4,669,345.00	\$3,021,913.00
SMTF	\$ 166,040.00	\$ 177,453.00	\$ 164,184.00	\$ 157,764.00	-\$157,764.00

Questions?

Asangwua Ikein

Transit Planner/Grants Manager

Greenville-Pickens Area Transportation Study ([GPATS](#))

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Attachment 5

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: May 18, 2020

SUBJECT: Transportation Improvement Program, FY2021-2026

Attached please find **Attachment 5.2**, the DRAFT Financial Statement for the GPATS Fiscal Years 2021 through 2026 Transportation Improvement Program (TIP). This is an annual update of our biennial TIP, as required by FHWA and FTA, to comply with SCDOT's Statewide Transportation Improvement Program.

As per usual, the Staff is providing the Financial Statement for Study Team and Policy Committee Review. The full TIP Document is provided in Draft at www.gpats.org. All pertinent financial information is summed up in this Financial Statement.

Major changes made to the TIP include:

- The combining of FY 2019 into the Previous Obligations column.
- The addition of FY 2026 to the back end of the TIP
 - Funding Allocation of \$18.066 million per year was assumed
- After coordination with SCDOT, allocation of funding for projects and balancing of the Guideshare spending, and clearing completed or canceled projects. New Projects added per the GPATS LRTP and SC Act 114. Details of these changes are in the Financial Statement, with additions and changes highlighted in blue, with removals highlighted in red.
- GTA/CAT Funding Allocation for FY2020
- CARES Act Allocations
- Safety Project additions as requested by SCDOT.

The TIP has been advertised from April 26th through May 18th. The Study Team has reviewed this item and recommends Approval by Consensus without objection. The Policy Committee will be asked to approve the GPATS 2021-2026 Transportation Improvement Program, which shall allow GPATS spending for projects to continue uninterrupted for another two years.

GPATS TRANSPORTATION IMPROVEMENT PROGRAM - FY 2021-2026 FINANCIAL STATEMENT

DRAFT Amendment/Correction Version AC #0 - DRAFT

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

(COST IN THOUSANDS)	TIP								TIP COST (2021-2026)
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		
GUIDESHARE ALLOCATION	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$18,078	\$108,468
DEBT SERVICE	(\$2,402)	(\$2,407)	(\$420)	(\$420)	\$0	\$0	\$0	\$0	(\$3,246)
SCDOT SIGNAL RETIMING	(\$150)	(\$150)	(\$150)	(\$150)	(\$900)	(\$900)			(\$2,250)
ALLOCATION AVAILABLE FOR PROJECTS	\$15,526	\$15,521	\$17,508	\$17,508	\$17,178	\$17,178	\$18,078		\$102,972
CARRYOVER AVAILABLE FROM PREVIOUS FY	\$20,293	\$10,969	\$ 6,631	\$ 12,240	\$ 13,798	\$ 9,726	\$24,899		
GUIDESHARE SUBTOTALS	\$ (24,850)	\$ (19,859)	\$ (11,900)	\$ (15,950)	\$ (21,250)	\$ (2,005)	\$ (1,800)		(\$72,764)
SCDOT GUIDESHARE ADVANCEMENT									
GUIDESHARE PAYBACK									
BALANCE	20,293	10,969	6,631	12,240	13,798	9,726	24,899	41,177	41,177

KEY: P - PRELIMINARY ENGINEERING, R - RIGHT OF WAY, C - CONSTRUCTION, CA - CAPITAL PURCHASE, PL - PLANNING AND FEASIBILITY

- * - 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.

ADDITIONS/CHANGES FROM PREVIOUS HIGHLIGHTED	REMOVALS IN NEXT HIGHLIGHTED
---------------------------------------------	------------------------------

FY20-25 GUIDESHARE SUMMARY		
REVENUES	ALLOCATION	\$108,468
	CARRYOVER	\$20,293
EXPENDITURES	PROJECTS	(\$72,764)
	DEBT	(\$3,246)
	OTHER	(\$2,250)
BALANCE		\$41,177

Amounts shown in Italics are Non-Guideshare funds

PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2020	TIP						TIP COST (2021-2026)	REMAINING COST (2027+)	FUNDING
					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
		DEBT SERVICE	\$ 67,048	\$2,402	\$2,407	\$420	\$420						STBGP

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

37728RD01	25/29	SC 183 INTERSECTION IMPROVEMENTS											STBGP
		ALEX RD	1,548									Fully	
		JIM HUNT RD	2,043									Obligated	
37728RD02		JAMESON RD	130 P		109 R		2,000 C						
37686RD01	17	BATESVILLE ROAD (S-164)	1,650 P										STBGP
		SC 14 TO ROPER MOUNTAIN RD	2,200 R										
		(THREE LANES WITH MEDIAN, BIKE LANES, SIDEWALK NORTH OF PELHAM FALLS DRIVE)	6,500 C	6,500 C									Safety
			1,750 C										
39309RD02	27	SC 153 EXTENSION	4,500 P										STBGP
		US 123 TO SALUDA DAM ROAD	2,078 R									Fully	
		(TWO LANES, LIMITED ACCESS, LEFT TURN LANES, 2 FT PAVED SHOULDERS)	24,000 C									Obligated	
39660RD01	5	WOODRUFF ROAD (SC-146)	750 P										STBGP
		IMPROVEMENTS FROM NEAR SCUFFLETOWN RD (S-23-145) TO BENNETTS BRIDGE (SC-296)	1,500 R										
		WITH IMPROVEMENTS TO INTERSECTIONS	4,500 C	5,000 C									
0041472RD01	6	ROPER MOUNTAIN EXTENSION (S-547) ****	1,550 P								\$5,500		STBGP
		PELHAM ROAD TO ROPER MOUNTAIN ROAD (THREE LANES, BIKE LANES, AND SIDEWALK ON ONE SIDE)	1,200 R		4,300 C	5,500 C							

GUIDESHARE PROJECTS CONTINUED													
PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2020	TIP						TIP COST (2021-2026)	REMAINING COST (2027+)	FUNDING
					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
Road Improvement Projects Currently in the TIP with Updated Schedule and Cost Estimates Cont.													
0041471RD01	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	4,500 C						\$4,500		STBGP Safety
P030553	8	BUTLER ROAD (S-107) BRIDGES RD TO US 276 (FOUR LANES, DIVIDED, BIKE LANES AND SIDEWALKS)	1,500 P		1,000 R		4,500 C	10,000 C			\$15,500		STBGP
P030554	11	BATESVILLE ROAD (S-164) PHASE II PELHAM ROAD TO THE PARKWAY (THREE LANES, WIDE OUTSIDE LANES, AND SIDEWALKS)	1,200 P				1,900 R	2,500 C	8,500 C		\$12,900	ON HOLD	STBGP
P028743		WOODRUFF ROAD PARALLEL WOODRUFF ROAD TO MILLER RD (FOUR LANE DIVIDED, PLANTED MEDIAN, AND MULTI-USE PATH)	2,900 P	2,000 P	8,750 R	9,450 R	9,450 R	9,450 R			\$37,100	\$76,000	STBGP
		SC-153 IMPROVEMENTS I-85 TO OLD PENDLETON RD (INTERSECTION IMPROVEMENTS, TURNING LANES)	500 P 1,000 R	3,800 C									STBGP
		GARLINGTON ROAD FROM SC-146 TO ROPER MOUNTAIN ROAD (SCOPE TBD)				300 PL					\$300		STBGP
		US-29/MILLS AVENUE FROM AUGUSTA STREET TO STEVENS STREET (SCOPE TBD)				500 PL					\$500		STBGP
		GROVE ROAD FROM US-25 TO W. FARIS ROAD (SCOPE TBD)				500 PL					\$500		STBGP
		LAURENS RD FROM I-85 TO INNOVATION DRIVE (FOUR LANE, DIVIDED, WITH BIKE LANE AND SIDEWALKS BOTH SIDES)							40 PL		\$40		STBGP
		US-123 ACADEMY ST WIDENING FROM PENDLETON ST TO WASHINGTON AVE (SCOPE TBD)							60 PL		\$60		STBGP
Intersection Projects Currently in the TIP with Updated Schedule and Cost Estimates													
37689RD01		WOODRUFF RD/I-85 INTERCHANGE RAMP MODIFICATIONS****	1,781 P										STBGP
37688RD01		WOODRUFF RD (SC 146) AND GARLINGTON/MILLER****	1,781 P										STBGP
39301RD01		BRUSHY CREEK AND STRANGE ROAD	549 P,R 2,067 C										STBGP
39542RD01		ANN ST (US 178) AND JONES ST	450 P,R 2,200 C								Fully Obligated		STBGP Pickens County CTC
41443RD01	3	SC 14 AT FIVE FORKS ROAD AND BETHEL ROAD	750 P,R 2,750 C								Fully Obligated		STBGP
		HAYWOOD ROAD AND PELHAM ROAD				250 PL		TBD	TBD		\$250		STBGP
		PLEASANTBURG DRIVE AND RUTHERFORD ROAD				250 PL		TBD	TBD		\$250		STBGP
		WHITEHORSE RD / W. BLUE RIDGE RD							25 PL	TBD	\$25		STBGP
		E. BLUE RIDGE DR / STATE PARK RD AND POINSETT HWY							35 PL	TBD	\$35		STBGP

GUIDESHARE PROJECTS CONTINUED													
PIN #	Priority	GUIDESHARE PROJECTS	Previous Obligations	FY 2020	TIP						TIP COST (2021-2026)	REMAINING COST (2027+)	FUNDING
					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
Bicycle and Pedestrian Projects Currently in the TIP with Updated Schedule and Cost Estimates													
		Mauldin Golden Strip Greenway				150 PL		TBD	TBD		\$150		STBGP
		Clemson-Central Green Crescent Connector				150 PL		TBD	TBD		\$150		STBGP
		Augusta Street Area Bike Network				200 PL		TBD	TBD		\$200		STBGP
		City of Easley Doodle Trail Extension				150 PL		TBD	TBD		\$150		STBGP
		City of Greer and Taylors Greenway							25 PL	TBD	\$25		STBGP
		Travelers Rest Area Bike/Ped Network Expansion							20 PL	TBD	\$20		STBGP
			-	-	\$ -	\$ 650	\$ -	\$ -	\$ 45	\$ -	\$ 695		
Transit Capital Projects Currently in the TIP with Updated Schedule and Cost Estimates													
		GTA - Greenlink Capital						900	900	900	\$2,700		STBGP
		CAT - Clemson Area Transit Capital						900	900	900	\$2,700		STBGP
			-	-	\$ -	\$ -	\$ -	\$ 1,800	\$ 1,800	\$ 1,800	\$ 3,600		
Traffic Signal Retiming Corridors Projects Currently in the TIP with Updated Schedule and Cost Estimates													
P028935		US 123, Easley	122										STBGP
P028961		Pelham Road, Greenville	122										STBGP
		US 276 (Cherrydale), Greenville/Greenville County				80							STBGP
P029726		Woodruff Road (Scuffletown), Greenville County	55										STBGP
P033666		SC 93, Clemson				50							STBGP
P033665		US 276-West Butler Road, Mauldin	55										STBGP
		Fairview Road, Simpsonville				90							STBGP
		East Butler Road, Mauldin				70							STBGP
		Signal Retiming Allocation	900	150	150	150	150	900	900		\$2,250		
		Signal Retiming Balance	546	696	556	706	856	1756	2656	2656	2656	UNDER BUDGET	
GUIDESHARE SUBTOTALS			\$ 76,227	\$ 24,850	\$ 19,859	\$ 11,900	\$ 15,950	\$ 21,250	\$ 2,005	\$ 1,800	\$ 72,764		

NON-GUIDESHARE PROJECTS

PIN #	NON-GUIDESHARE PROJECTS		Previous Obligations	FY 2020	TIP						TIP COST (2021-2026)	REMAINING COST (2027+)	FUNDING
					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
	GREENVILLE COUNTY POINSETT CORRIDOR PEDESTRIAN AND LIGHTING		500 1,245 2,255										ARC See TAP Section Local/Greenville Co
P027367	HAMPTON AVE BRIDGE OVER NORFOLK SOUTHERN RAILROAD (PEDESTRIAN BRIDGE)		470 C 500 C 500 C										APPALACHIAN REG GLDTC GREENVILLE CO
	S-1136 (PERIMETER ROAD) RESURFACING/REHABILITATION		1,241 C										APPALACHIAN REG.
	SC-93 AT CLAYTON ST - TOWN OF CENTRAL		299 C 365 P,R,C										APPALACHIAN REG. Local
	DOODLE TRAIL EXT & AMENITIES - CITY OF PICKENS		100										RTP
	MINERAL SPRING TRAIL - TOWN OF WILLIAMSTON		76										RTP
P038477	CLEMSON BIKING & WALKING TRAIL - SEGMENT 2			250 P 250 P		30 R 30 R	220 C 220 C				\$500		ARC Local
0036167	CU-ICAR AND FAIRFOREST WAY		3,223 C										EARMARK
P037790	I-385 AT FAIRVIEW STREET BRIDGE REHAB		376 P,C										EARMARK
P308375	WEST GEORGIA ROAD (S-272) FROM NEELY FERRY ROAD TO FORK SHOALS		1,000 P		250 R	2,211 C 692 C					\$2,461		EARMARK LOCAL
	GREENVILLE SC TRANSIT AUTHORITY MULTIMODAL CENTER		998								Fully Obligated		EARMARK FED LIMIT
42551	WOODSIDE STREETScape			59 R	107 C 313 C 310 C						\$478		ENHANCEMENT ARC Local
P28051801018	ARTS PARK CONNECTIVITY TRAIL		125 C										SCRTP
P28051900419	CONESTEE BOARDWALKS & OBSERVATION DECK REHAB/REPLACEMENT		109 C										SCRTP
P038033	I-85 SAFETY IMPROVEMENTS MM 30 TO MM 60			100 P 3,000 C							\$3,100		SAFETY/HSP
2019	US-29 - US-76 TO FAIRWAY GREEN	Anderson	6,757										RECON & REHAB
2019	US-29 - S-232 PLANTATION RD TO WHITEN RD	Anderson	↓										RECON & REHAB
2019	US-29 - WHITEN RD TO PINE TR	Anderson	↓										RECON & REHAB
2019	SC-8 - PALMETTO RD TO SC-81	Anderson	3,768										RECON & REHAB
2019	HWY 25 - POINSETT HWY TO TIGERVILLE RD	Greenville	2,006										RECON & REHAB
2019	S. MAIN - ROE CENTER CT TO HWY 25	Greenville	3,571										RECON & REHAB
2019	POINSETT HWY - HWY 25 TO ABELIA RD	Greenville	↓										RECON & REHAB
2019	FORK SHOALS - REEDY FORK RD TO REEDY FORK RD	Greenville	3,284										RECON & REHAB
2019	FORK SHOALS - LOG SHOALS TO GEORGIA RD	Greenville	↓										RECON & REHAB
2019	FORK SHOALS - GEORGIA RD TO HWY 418	Greenville	↓										RECON & REHAB
2019	OLD WHITE HORSE RD EXT - US-25 TO COLLINS RD	Greenville	1,889										RECON & REHAB
2019	ABERCROMBIE RD - US-14 TO BRYSON FORD RD	Laurens	476										RECON & REHAB
2019	CALHOUN MEMORIAL HWY - OLD GVL HWY TO RUHAMAH RD	Pickens	5,980										RECON & REHAB
2019	TIGER BLVD - OCONEE CO LINE TO WALL ST	Pickens	2,929										RECON & REHAB
2019	TIGER BLVD - COLLEGE AVE TO TIGER BLVD	Pickens	↓										RECON & REHAB
2019	GVL HWY - AMSTERDAM RD TO BLACK SNAKE RD	Pickens	↓										RECON & REHAB
2019	CANNERY RD - DACUSVILLE HWY TO FARRS BRD RD	Pickens	995										RECON & REHAB
2019	CANNERY RD - CANNERY RD TO FARRS BRD RD	Pickens	↓										RECON & REHAB
2019	TABOR WOODS RD - FARRS BRD RD TO RICE RD	Pickens	↓										RECON & REHAB
P028821	BRIDGE US-29 AT S-23-75 - GREENVILLE		2,460 P,C										BRIDGE REHAB
0031268	BRIDGE S-4-75 AT US-29 - ANDERSON		3,243 P,R								\$12,400		BRIDGE REPLACE
P027023	BRIDGE S-39-267 AT 12 MILE CREEK - PKNS		3,419 P,R,C										BRIDGE REPLACE
0027178	BRIDGE S-23-164 AT ENOREE RIVER - GRVL		1,352 P,R	2,657 C									BRIDGE REPLACE
P029127	BRIDGE S-42-75 AT TYGER RIVER - SPBG		3,409 P,R,C										BRIDGE REPLACE
P029127	BRIDGE S-42-75 AT RESIN CREEK - SPBG		3,284 P,R,C										BRIDGE REPLACE

NON-GUIDESHARE PROJECTS

PIN #	NON-GUIDESHARE PROJECTS	Previous Obligations	FY 2020	TIP						TIP COST (2021-2026)	REMAINING COST (2027+)	FUNDING
				FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026			
P027834	BRIDGE S-23-335 AT ENOREE RIVER - GRVL	REPLACEMENT	7,773 C									BRIDGE REPLACE
P027234	BRIDGE S-23-526 AT N SALUDA - GRVL	REPLACEMENT										BRIDGE REPLACE
P027839	BRIDGE S-23-191 AT HOWARD BR - GRVL	REPLACEMENT										BRIDGE REPLACE
P027845	BRIDGE S-23-384 AT BRUSHY CREEK - GRVL	REPLACEMENT										BRIDGE REPLACE
P027810	BRIDGE S-23-270 AT S TYGER RIVER - GRVL	REPLACEMENT										BRIDGE REPLACE
P027846	BRIDGE S-23-154 AT PAYNE BRNCH - GRVL	REPLACEMENT										BRIDGE REPLACE
P038696	BRIDGE S-23-93 AT BEAVERDAM CR - GRVL	REPLACEMENT										BRIDGE REPLACE
P027812	BRIDGE S-23-132 AT ARMSTRONG CR - GRVL	REPLACEMENT										BRIDGE REPLACE
P027813	BRIDGE S-23-456 AT HORSE CREEK - GRVL	REPLACEMENT										BRIDGE REPLACE
P028355	BRIDGE S-23-272 AT REEDY - GRVL	REPLACEMENT	6,250 P,R,C									BRIDGE REPLACE
P038260	BRIDGE S-154 OVER HUFF CREEK - GRVL	REPLACEMENT	1,000 P		125 R		4,325 C			\$4,450		BRIDGE REPLACE
P037398	BRIDGE S-4-931 OVER BIG CREEK - ANDERSON	REPLACEMENT	600 P			30 R	2,320 C			\$2,350		BRIDGE REPLACE
P037693	BRIDGE S-39-140 OVER SHOAL CREEK - PKNS	REPLACEMENT	320 P	18 R	1,503 C					\$1,503		BRIDGE REPLACE
P037696	BRIDGE S-39-250 OVER DODDIES CREEK - PKNS	REPLACEMENT	310 P	18 R	1,423 C					\$1,423		BRIDGE REPLACE
	S-23-279 (Reid School Rd)		75 R	1,600 C								SAFETY
	SC-153 Corridor (East and West of SC-81)		600 R,C									SAFETY
P037191	SC-146 Corridor (S-23-183 to S-23-654)		300 P	50 R	1,600 C					\$1,600		SAFETY
P037190	US-25 Corridor (I-85 to S-23-782)		300 P	50 R	1,300 C					\$1,300		SAFETY
P039376	S-83 to L-27 (Old Grove Rd to Bracken Rd)			200 PL	100 R	2,000 C				\$2,100		SAFETY
P309380	S-908 to L-745 (Gap Creek Rd to Gary Armstrong / Hampton Rd)			250 PL	100 R	2,000 C				\$2,100		SAFETY
P039384	SC-135 to S-95 (Dacusville Hwy to Jameson Rd)			200 PL	100 R	2,000 C				\$2,100		SAFETY
P039386	SC-81 to S-327 (Anderson Rd to Old Dunham Bridge Rd)			200 PL	50 R	1,000 C				\$1,050		SAFETY
P039387	US-29 to S-96 (Welcome Rd)			250 PL		100 R	2,000 C			\$2,100		SAFETY
P037888	SC-183 to MP 4.2 to 6 (Cedar Lane Rd)				250 PL	50 R	2,000 C			\$2,300		SAFETY
P037885	RSA US-29				500 PL	50 R	4,000 C			\$4,550		SAFETY
	US-29 CORRIDOR SIGNAL RETIMING		3,000									NHS/IM
P27368	I-85 (WIDENING FROM NEAR SC153 (EXIT 40) TO NEAR SC-85 (EXIT 69)	65,720 P,R,C 442,000 AC	10,000 C 272,500 AC 147,333 ACC							\$238,166		NHS/IM
P027223	I-385 REHAB FROM MM 36.69-42.1	30,000 P,C										NHS/IM
0038111	I-85 @ I-385 (EXIT 51)	12,000 P 270,000 C								Fully Obligated		NHS/IM SIB
P038111	I-85 @ Rocky Creek Bridge	1,200 P 44,000 C										NHS/IM
EXEMPT SUBTOTAL		\$943,285	\$438,734	\$258,160	\$9,596	\$8,220	\$8,669		\$2,026	\$286,671		

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

Transit Projects													
PIN #	FEDERAL TRANSIT ADMINISTRATION	FY 2016	FY 2017	SUMMARY 2017*	Current FY		TIP (Extrapolated)						FUNDING
					FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
	GREENVILLE URBANIZED AREA (CA)	2,887	3,087	5,974	3,311	3,354	3,431	3,354	3,354	3,354	3,354	3,354	FTA SECTION 5307 & 5340
	Greenville Transit Authority	1,935	2,192	4,128	2,424	2,323	2,314	2,323	2,323	2,323	2,323	2,323	
	Capital	442	424	866	461	42		597	597	597	597	597	
	Operating	100	461	561	509	1,580	627	1,150	1,150	1,150	1,150	1,150	
	Enhancements/Improvements		0	0									
	ADA	193	219	412	242			96	96	96	96	96	
	Planning Administration		0	0		232	231						
	Preventative Maintenance	1,200	1,088	2,288	1,212	468	1,456	480	480	480	480	480	
	Clemson Area Transit	952	895	1,847	888	1,032	1,117	1,032	1,032	1,032	1,032	1,032	
	Capital			0									
	Operating	660	586	1,246	395	613	380	613	613	613	613	613	
	Enhancements/Improvements			0		10	11	10	10	10	10	10	
	ADA		1	1									
	Planning Administration/Security	10	10	19	9								
	Preventative Maintenance	283	229	512	483	409	726	409	409	409	409	409	
	GREENVILLE URBANIZED AREA (PL)	100		100	160								FTA SECTION 5303
	MAULDIN-SIMPSONVILLE URBANIZED AREA (CA)	1,709	875	2,584	1,462	1,614	1,647	875	875	875			FTA SECTION 5307
	MAULDIN-SIMPSONVILLE URBANIZED AREA (PL)												FTA SECTION 5303
	GREENVILLE - ELDERLY AND DISABLED TRANSIT PROGRAM (CA)	360	356	716	349	386	402	356	356	356			FTA SECTION 5310
	-- Senior Solutions	223		223									
	-- Turning Point of SC	92		92									
	-- Turning Point of SC A	45	27	72									
	-- Turning Point of SC B		73	73									
	-- Senior Solutions		151	151									
	-- Turning Point of SC		106	106									
	-- Senior Solutions												
	-- Turning Point of SC												
	GREENVILLE - BUS AND BUS FACILITIES PROGRAM (CA)	528	277	805	398	364	380	277	277	277			FTA SECTION 5339
	-- GTA Capital Purchase	354	197	551	291	252	256	197	197	197			
	-- CAT Capital Purchase	174	80	254	107	112	123	80	80	80			
	-- CAT Low/No Grant	3,905		3,905									5339(c)
	-- GTA Low/No Grant		1,450	1,450									5339(c)
	STATE MASS TRANSIT FUNDING	441	369	810	546	505	486	342	342	342			SMTF
	-- GTA SMTF	296	262	558	447	400	379	243	243	243			
	-- CAT SMTF	145	107	252	99	105	107	99	99	99			
	SCDOT Vehicle Replacement Initiative												FTA SECTION 5307
	-- GTA Capital Purchase	2,134	2,134	4,267									
		377	60	437									SMTF
	-- CAT Capital Purchase	2,338	2,338	4,675									5307
		413	500	913									SMTF
	CARES ACT						14,382						FEDERAL CARES ACT
	-- GTA												
	Greenville UZA						6,552						
	Mauldin-Simpsonville UZA						4,669						
	-- CAT												
	Greenville UZA						3,161						
	GREENLINK - HUMAN TRAFFICKING GRANT					21							FTA
	FTA SUBTOTAL	18,078	14,533	32,611	\$9,537	\$9,599	\$ 20,729	\$ 5,204	\$ 5,204	\$ 5,204	\$ 5,204	\$ 3,354	\$ 3,354

* 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													
PIN #	TA			Previous Obligations	FY 2020	TIP						REMAINING COST (2027+)	FUNDING
	Year	Priority	Jurisdiction/Projects			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		
P029824	2013	3	City of Simpsonville Simpsonville Swamp Rabbit Trail	280									TAP 20% Local Match
P028261	2013	4	Anderson School District One Ragsdale Road Sidewalks	200									TAP 20% Local Match
	2013	5	City of Easley Brushy Creek Greenway Phase 1&2	534									TAP 20% Local Match
P029891	2014	1	City of Greenville Woodruff Road Sidewalks	361									TAP 20% Local Match
P030103	2014	2	Anderson School District Four Riverside Middle School Sidewalks	250									TAP 20% Local Match
	2015	1	Greenville County Poinsett Corridor Pedestrian and Landscaping	1,245									TAP 20% Local Match
P032168	2015	2	Town of Williamston Minor Street Sidewalk Project - Phase I	200									TAP 20% Local Match
P038476	2016	1	City of Greenville Haywood Road Sidewalks	400									TAP 20% Local Match
P028261	2017	1	Anderson County Ragsdale Road Sidewalks Additional Funding	320									TAP 20% Local Match
P038173	2017	2	City of Fountain Inn Woodside Park Connector	351									TAP 20% Local Match
P038168	2017	3	City of Pickens Pickens Downtown Doodle Connector	211									TAP 20% Local Match
	2019	1	Town of Central Southern Wesleyan University to Town of Central Pedestrian/Bike Connector	*643									TAP 20% Local Match
*Funding has not been verified													
TA OBLIGATION				(4,546)	0	0	0	0	0	0	0	0	
ANNUAL TA ALLOCATION					656	656	656	656	656	656	656	3,937	
FUNDING ADVANCEMENT				1,244	622	622	622						
ADVANCEMENT REPAYMENT					622 (13)	622 (13)	622 (14)	622 (15)	622 (16)	622 (17)	622 (18)		
BALANCE				(3,302)	(2,646)	(1,990)	(1,333)	(1,299)	(1,265)	(1,231)	(1,197)		
TA TOTAL					0	0	0	0	0	0	0		
FY 2020-2025 TIP GRAND TOTAL						\$473,183	\$298,748	\$26,701	\$29,374	\$35,123	\$5,359	\$3,826	\$399,132
KEY: P - PRELIMINARY ENGINEERING, R - RIGHT OF WAY, C - CONSTRUCTION, CA - CAPITAL PURCHASE, PL - PLANNING AND FEASIBILITY													



Greenville County Planning Department

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Attachment 6

MEMORANDUM

TO: GPATS Policy Committee

FROM: GPATS Staff

DATE: May 18, 2020

SUBJECT: City of Greenville Downtown Transportation Master Plan Endorsement

In 2017 for the FY2018-2019 Unified Planning Work Program, the City of Greenville received a GPATS PL Special Studies Grant for their Downtown Transportation Master Plan (DTMP). The DTMP is now complete, and like many of our UPWP Special Studies, the final product needs to be brought to GPATS for Endorsement.

In January, the City of Greenville with Jonathan Chasteen and Graham Malone from HDR made a presentation to the Study Team on the final result, however as the City had not adopted the DTMP officially at that time, the Plan was not advanced to the GPATS Policy Committee for their Endorsement.

With the City's passage of the Plan on February 24th, GPATS is now prepared to bring it forward again for Endorsement. Please find **Attachment 6.2**, the presentation from HDR that will be made to the Policy Committee. The full document of the DTMP is available on www.gpats.org

The Study Team has reviewed this item and has made a Recommendation without Objection for Endorsement.

The Policy Committee will be asked to endorse the Downtown Transportation Master Plan, which will allow for future projects to be considered and developed for implementation. Endorsement does not commit GPATS to any new policies or project funding.



City of Greenville Downtown Transportation Master Plan



05/18/2020



- 01 Study Purpose
- 02 Establishing Existing Conditions
- 03 Public Involvement
- 04 Developing Short-Term Needs
- 05 Recommended Short-Term Projects
- 06 Developing Future Trends

Study Purpose

Downtown Transportation Master Plan Project Statement

Evaluate how conditions have changed since previous Downtown Transportation Master Plan (1999)

Explore the feasibility of preliminary concepts from the 2019 Downtown Strategic Master Plan

Develop a comprehensive project list for use in conjunction with future updates to the Greenville Pickens Area Transportation Study (GPATS) Long-Range Transportation Plan to secure funding support.

Establishing Existing Conditions

Information is first gathered to establish a picture of transportation mobility within the study area.



Review of Previous Studies



Origin-Destination Trip Assessment



Traffic Data Collection



Intersection Capacity Analysis



Crash Analysis



Inventory or Transit, Bicycle,
and Pedestrian Infrastructure



Travel Demand Modeling



Establishing Existing Conditions

Previous Planning Document Review

- Greenville Downtown Transportation Master Plan, 1999
- GPATS Horizon 2040 Long Range Transportation Plan, 2018
- Trails and Greenways Master Plan, 2007
- Downtown Greenville Master Plan, 2008
- Downtown Streetscape Master Plan, 2010
- Bikeville: City of Greenville Bicycle Master Plan, 2011
- Greenlink Comprehensive Operations Analysis, 2017
- Greenlink Transit Development Plan, 2018



Establishing Existing Conditions

Information is first gathered to establish a picture of transportation mobility within the study area.



Data collection

- Intersection and roadway traffic counts
- Crash data
- GPATS travel demand model output
- Signal timing plans
- Origin-destination data
- Transit ridership
- Bicycle and pedestrian infrastructure

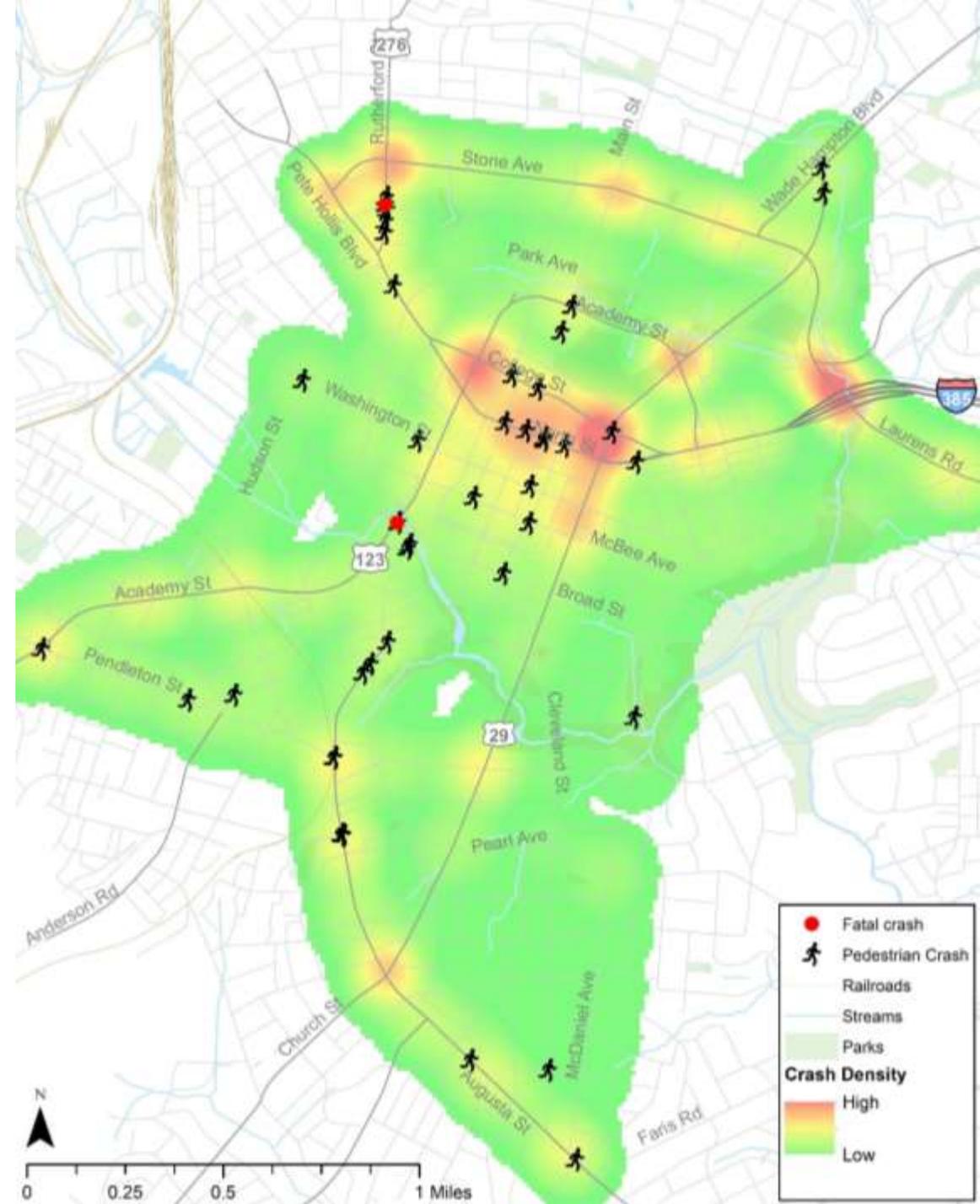


Establishing Existing Conditions



Analysis of crash data

- Identification of high-frequency crash locations based on recorded incidents between 2015-2017
- High rates of crashes involving pedestrians indicate possible locations of insufficient pedestrian infrastructure



Establishing Existing Conditions

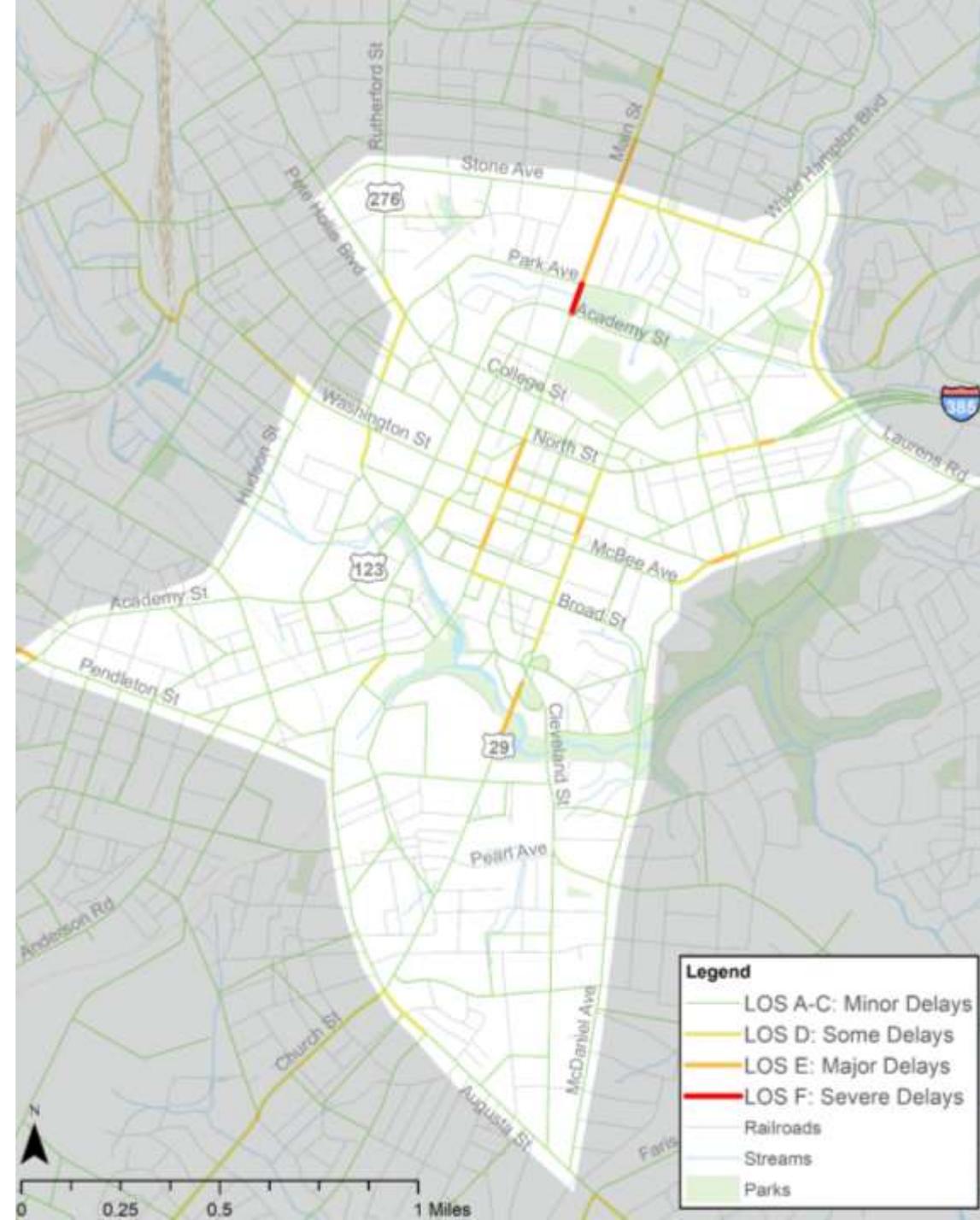


Travel demand modeling

- Identification of congested areas based on regional model projections

Traffic analysis

- Identification of poor roadway and intersection operations based on level of service (LOS) calculations



Establishing Existing Conditions



Origin-destination study

- Analysis of trips traveling into and out of the downtown area to determine which routes are most favored by drivers



Establishing Existing Conditions

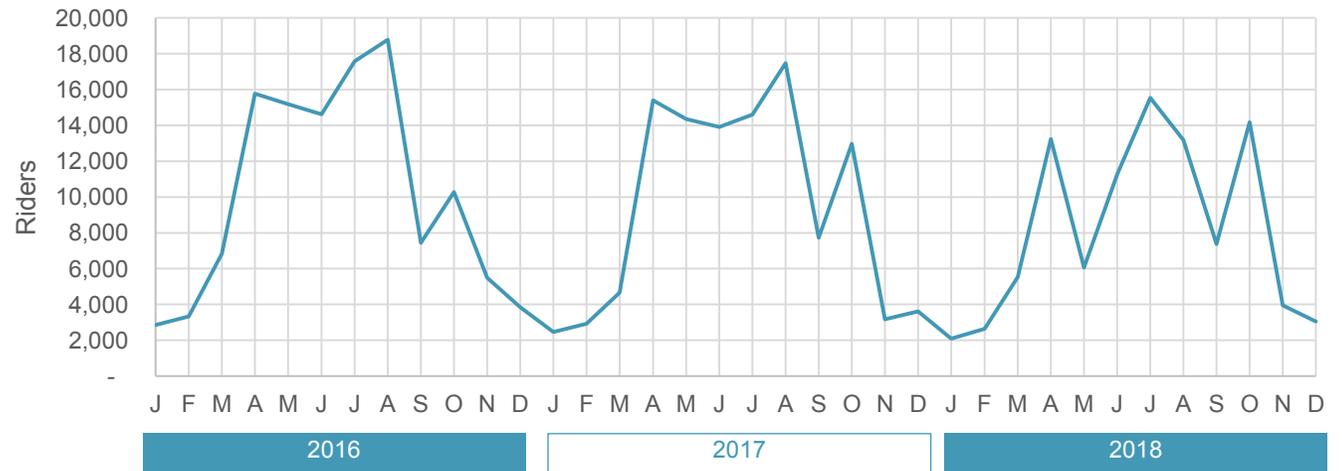


Review of bicycle, pedestrian, and transit infrastructure

- Bike facility usage data collected from Strava fitness app
- Pedestrian counts collected for major study-area intersections
- Analysis of ridership data for Greenlink buses and trolley routes



Monthly Trolley System Ridership, 2016-2017



Public Involvement

Survey and Public Meeting

July
2019

Survey administered online and in a public meeting in July 2019

789

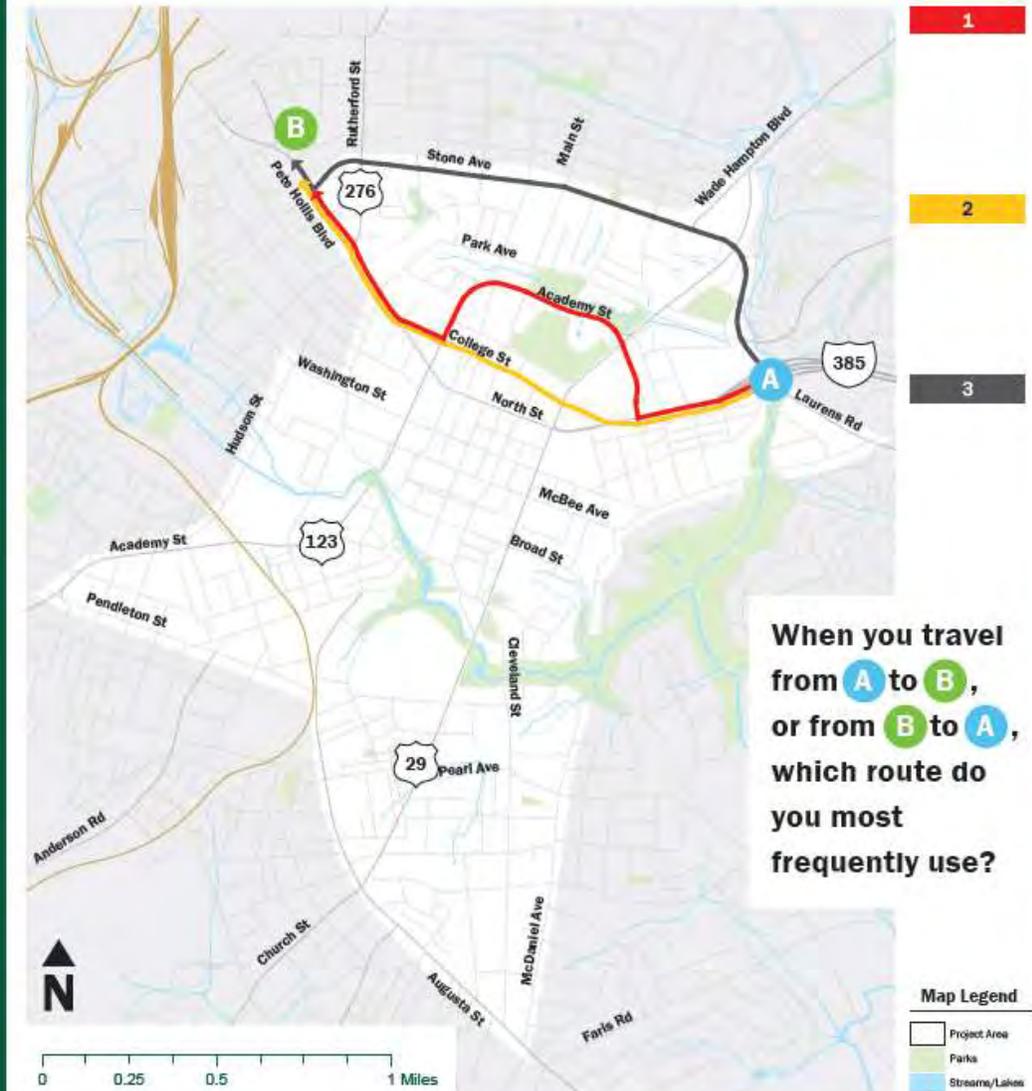
Quantitative responses and open comments from 789 respondents

Identified feedback such as:

- Residents' preferred routes and modes to/from/through downtown
- Congested corridors and intersections during peak hours
- Residents' support for general solutions such as road diets, one-way and two-way conversions, and creation of a bypass

Route Map

Downtown Transportation Master Plan



Public Involvement

Public Input

Common areas identified by survey respondents:

1

Congestion and navigation difficulty on Stone Avenue between Rutherford Street and I-385

2

Academy Street congestion and signal coordination issues

3

Main Street congestion due to conflicts between pedestrians, on-street parking, and through traffic

4

Butler Avenue congestion and speeds

5

Other issues, including bicycle/pedestrian network safety and connectivity, traffic signal coordination, insufficient turn lanes, transit deficiencies, etc.

Developing Short-Term Needs

Based on:

- Traffic analysis, crash data, public responses
- City of Greenville Downtown Strategic Master Plan (DSMP) recommendations
- Downtown Streetscape Master Plan (2010), Bikeville: City of Greenville Bicycle Master Plan (2011), Greenlink Comprehensive Operations Analysis (2017), Greenlink Transit Development Plan (2018), GPATS 2040 Horizon LRTP (2018), etc.
- Additional observation and analysis of project area



Developing Short-Term Needs

Long-term vs. Short-term

Short-term projects: focus on addressing issues using improvements to the existing network, with minimal recommendations for new roadway alignments or widening not considered necessary in the near future

Long-term projects: might involve detailed design work and/or extensive construction or reconstruction of roadways to produce the desired results



Developing Short-Term Needs

Traffic Analysis Needs

- Target LOS for urban SCDOT roadways is C
- Several intersections already exhibit LOS D or E under existing peak-hour conditions

AM PM

- ● University Ridge and Church Street
- ● College Street/Beattie Place and Church Street
- ● Academy Street and Church Street
- ● Academy Street and East North Street

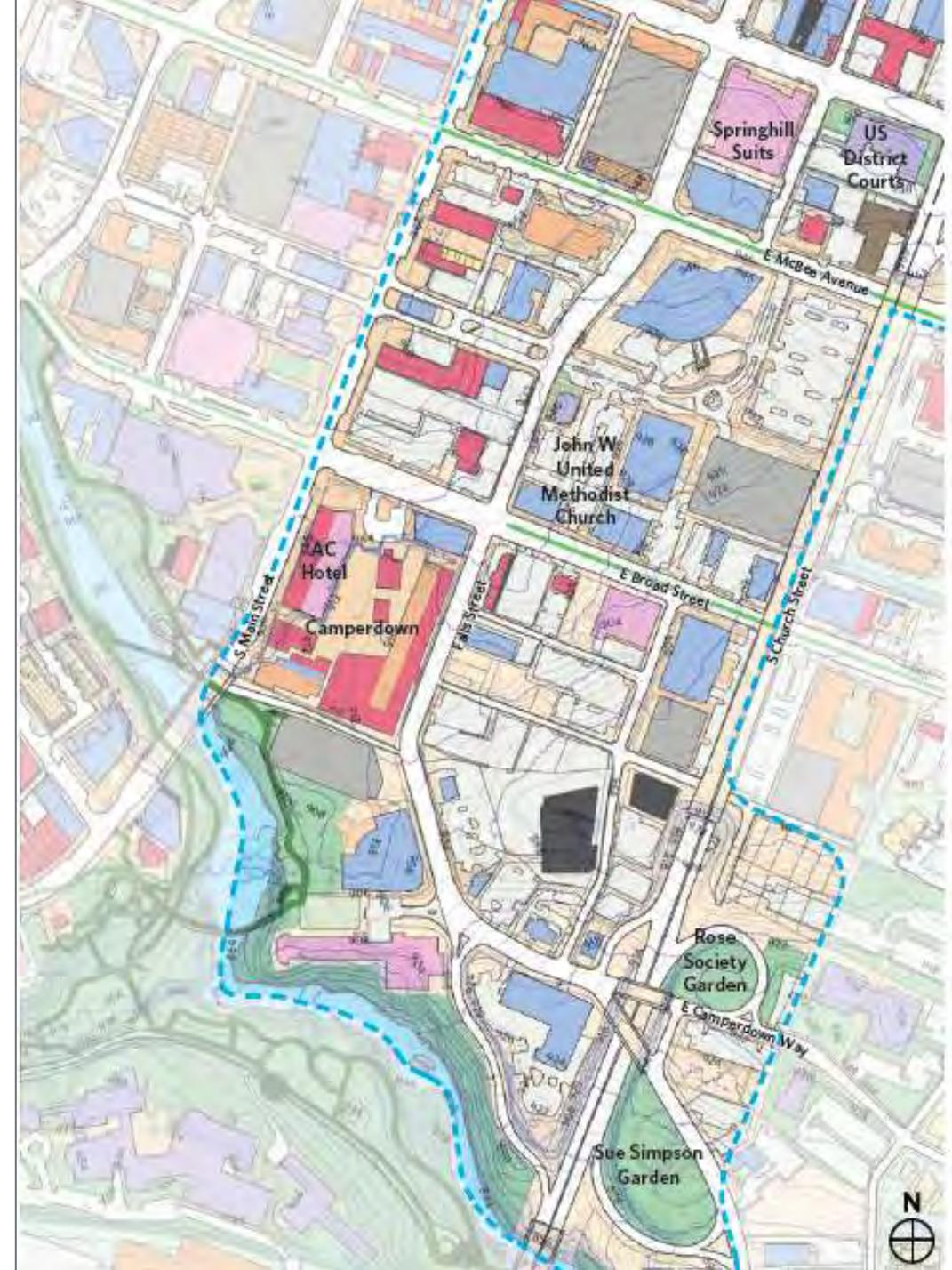


Developing Short-Term Needs

DSMP Recommendations

Addressed four major focus areas related to the transportation network as identified in the Downtown Strategic Master Plan

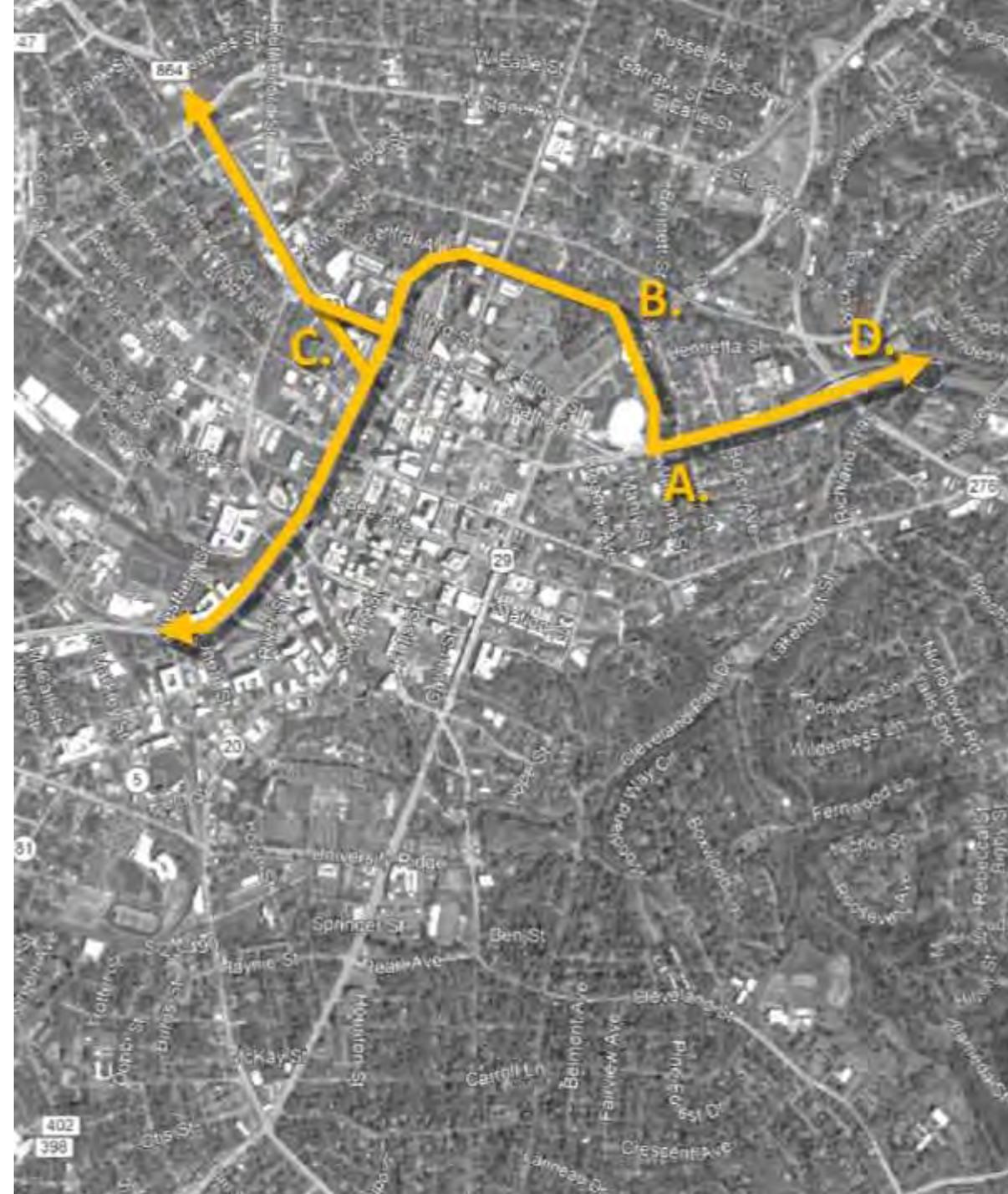
- East Downtown
- Augusta Street and South Downtown
- Pete Hollis Boulevard/Buncombe Street corridor
- College Street/North Street one-way pair



Developing Short-Term Needs

DSMP Recommendations

- Data indicated high rates of trips passing through central downtown to get from one side of the city to the other
- Drawing these trips onto a designated bypass route could decrease congestion on major crosstown connectors
- Academy Street forms a natural bypass that provides east/west and north/south connections

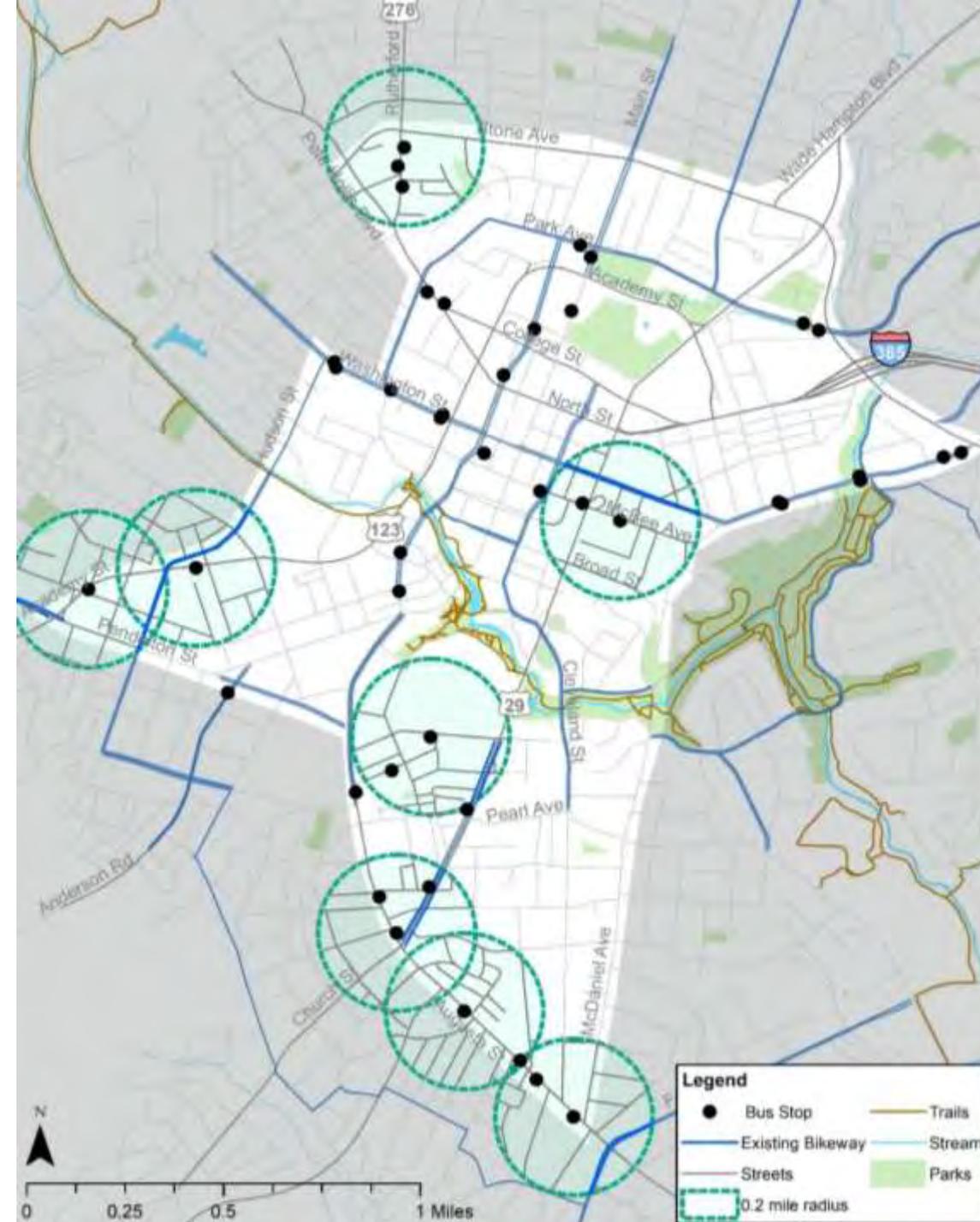


Developing Short-Term Needs



Bicycle/Pedestrian/Transit Connectivity

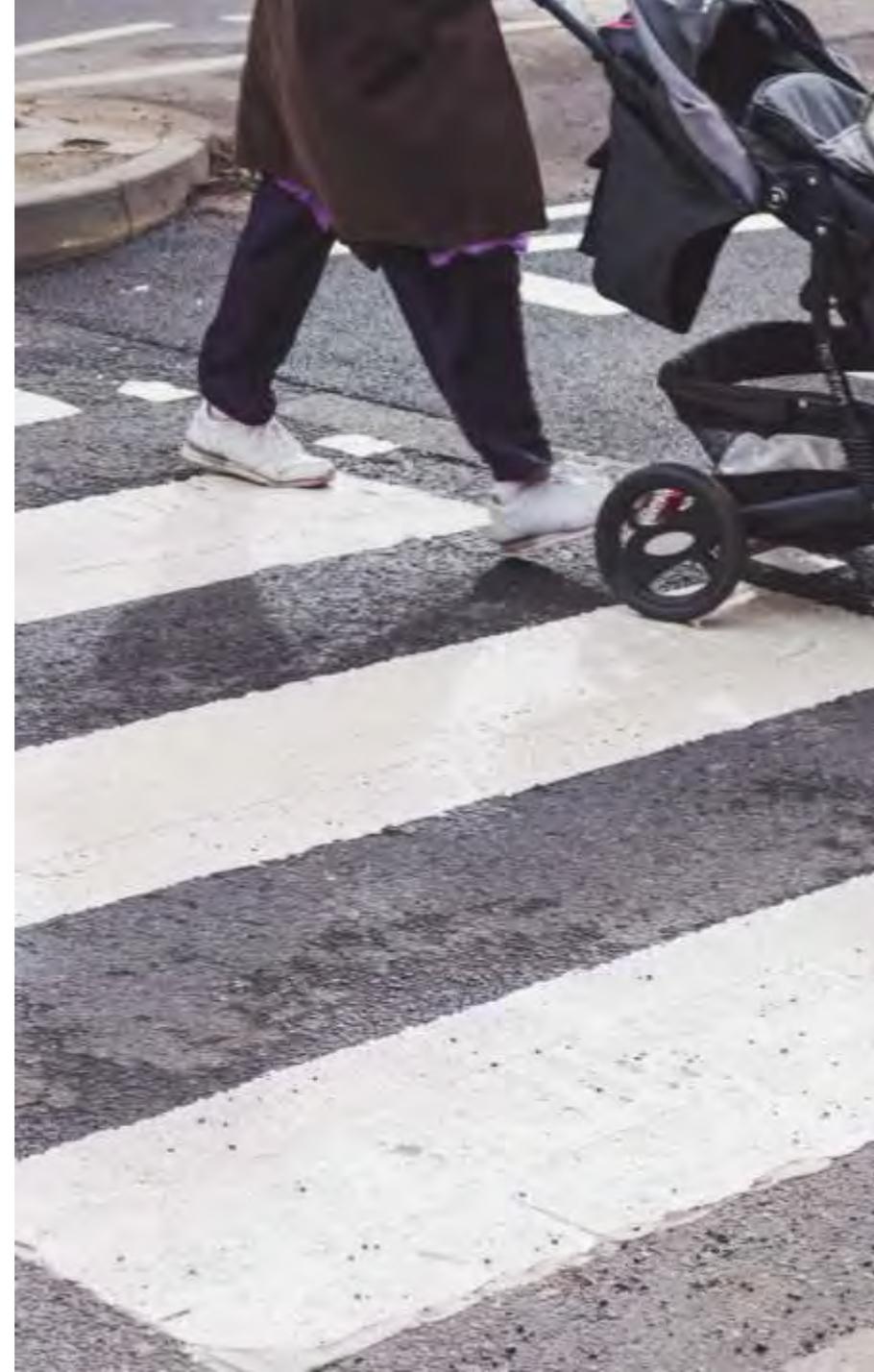
- Analysis of bike and pedestrian networks alongside Greenlink stop locations to determine which transit stops lack connectivity to the other modes
- Bike and pedestrian networks can be improved to provide accessibility to transit facilities and create an increased range of mobility for transit riders



Recommended Short-Term Projects

Identified 66 possible short-term projects involving:

- Roadway improvements
- Downtown area bypass on Academy Street
- Bicycle, pedestrian, and transit needs
- Traffic signal retiming and intelligent transportation systems (ITS)



Recommended Short-Term Projects

Academy Street Downtown Bypass

Project ID 1: Academy St & North Street



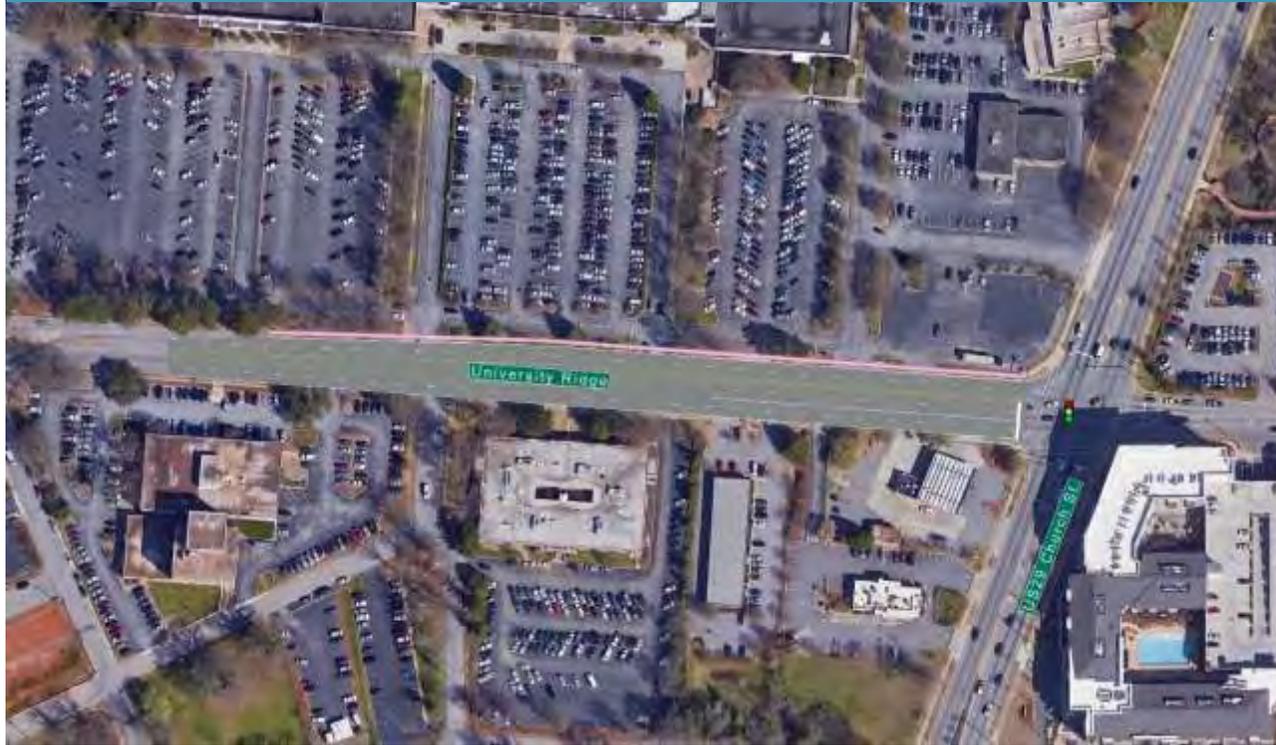
Project ID 4: Academy St & Church Street



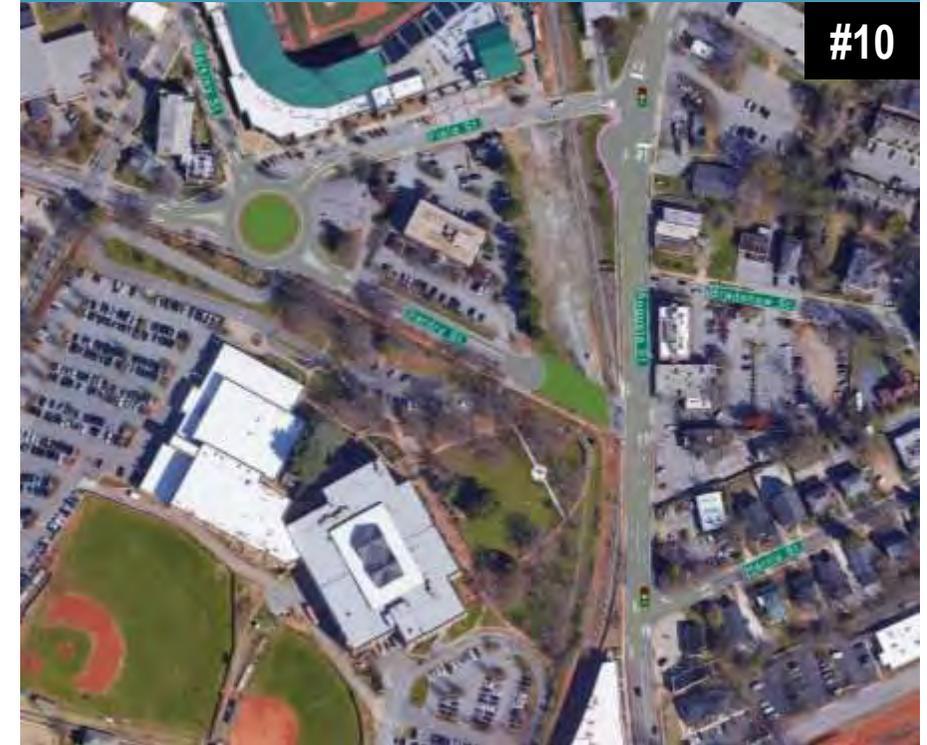
Recommended Short-Term Projects

Augusta Street/University Ridge at Proposed County Square Redevelopment Site

Project ID 2: Church St & University Ridge



Augusta St Alternatives



Recommended Short-Term Projects

Intersection Improvements

Project ID 9: I-385 Southbound On-ramp Access Improvements

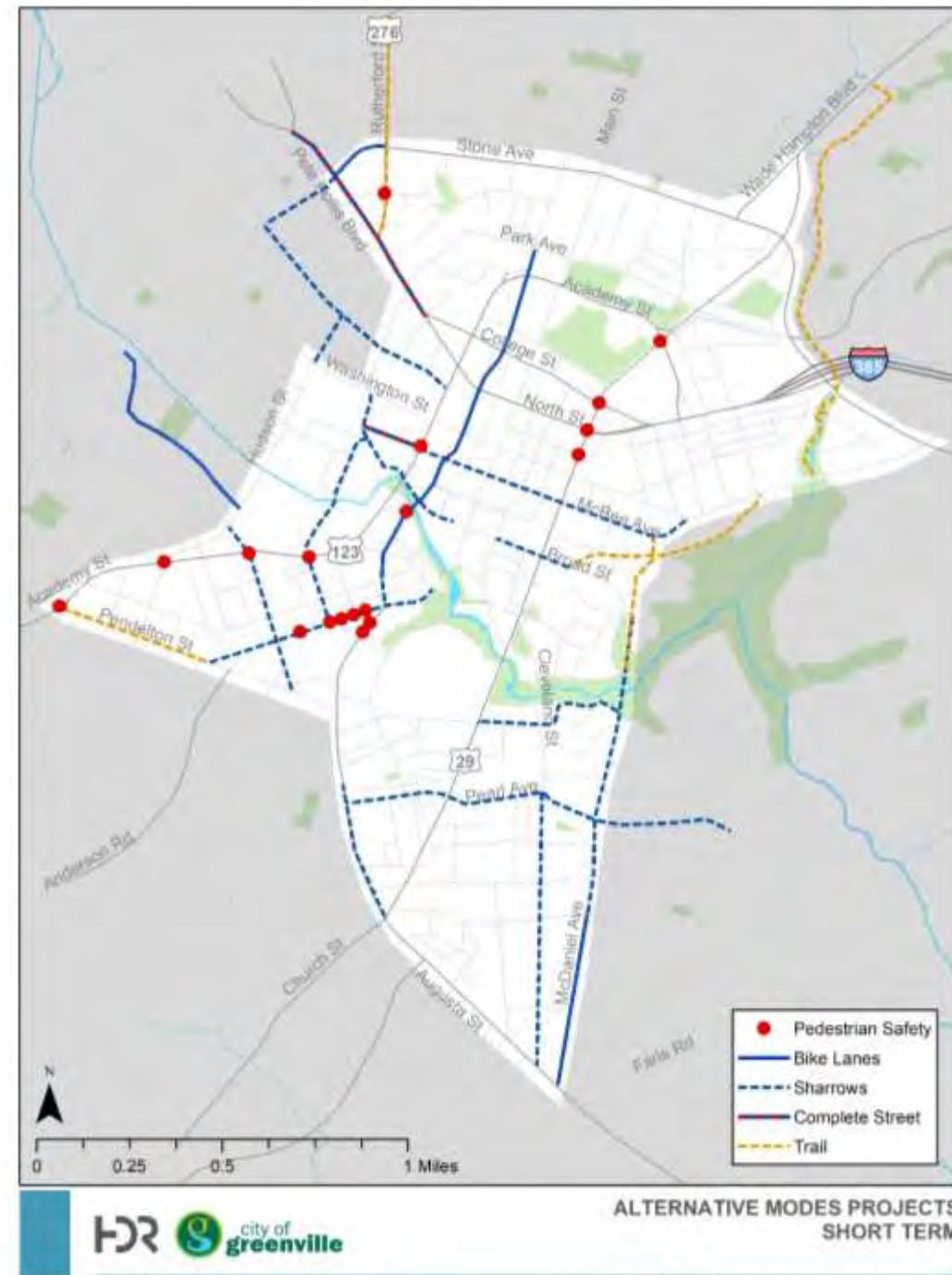


Recommended Short-Term Projects



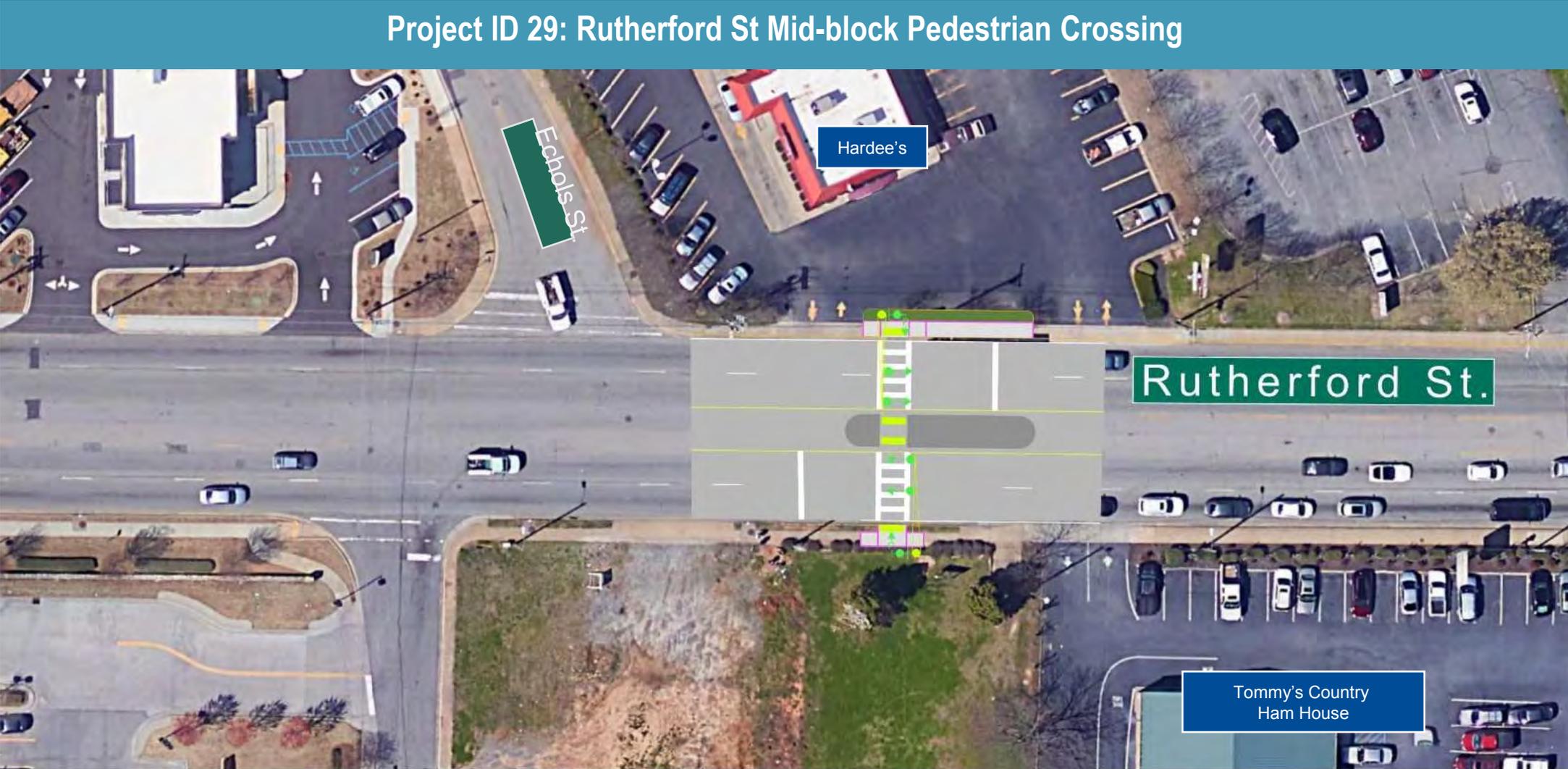
Bicycle, Pedestrian, and Transit Needs

- Improve bicycle and pedestrian network connectivity and safety throughout downtown
 - Bike lanes, sharrows, and complete streets
 - Sidewalks, crosswalks, and pedestrian crosswalk beacons
- Provide connections between bike/ pedestrian infrastructure and transit stops to increase the effectiveness of alternative mode networks



Recommended Short-Term Projects

Bicycle, Pedestrian, and Transit Needs

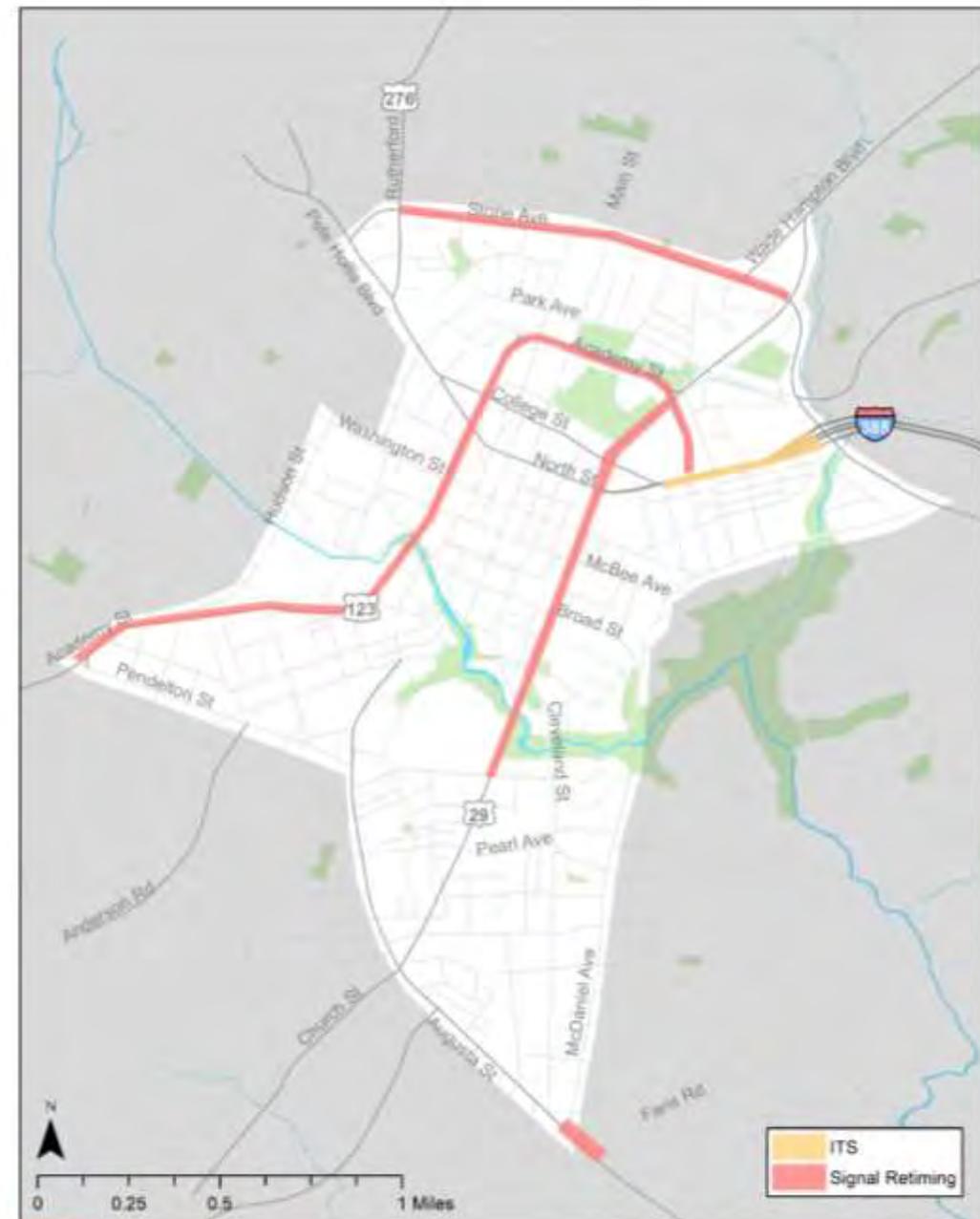


Recommended Short-Term Projects



Traffic Signal Timing and ITS

- Signal coordination recommended for major arterial corridors
 - Academy Street/US 123
 - Church Street/US 29
 - Stone Avenue
- Employ Dynamic Messaging Signs (DMS) on I-385 inbound to Greenville to provide realtime traffic information about downtown roads, i.e. special event updates or travel times on Academy Street to encourage bypass usage





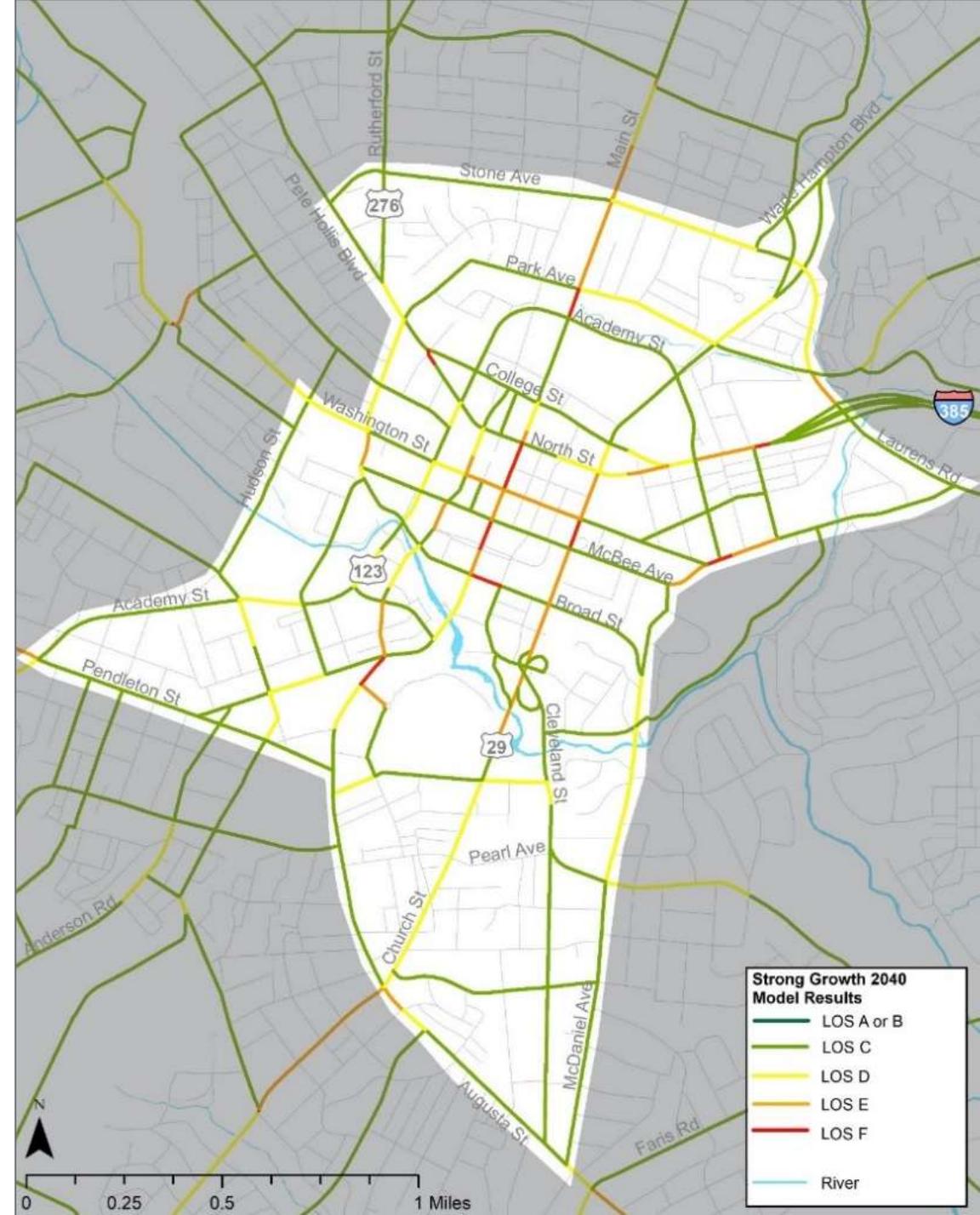
Developing Future Trends

Travel Demand Model Runs

Two travel demand models were analyzed for the future year 2040

- GPATS Horizon2040 model
- Modified “Strong Growth” model which built upon the GPATS model and adjustments based on a market analysis of developments from the DSMP

Both models were used to generate LOS projections assuming no changes in the existing road network configuration



Developing Future Trends

Sensitive Corridors

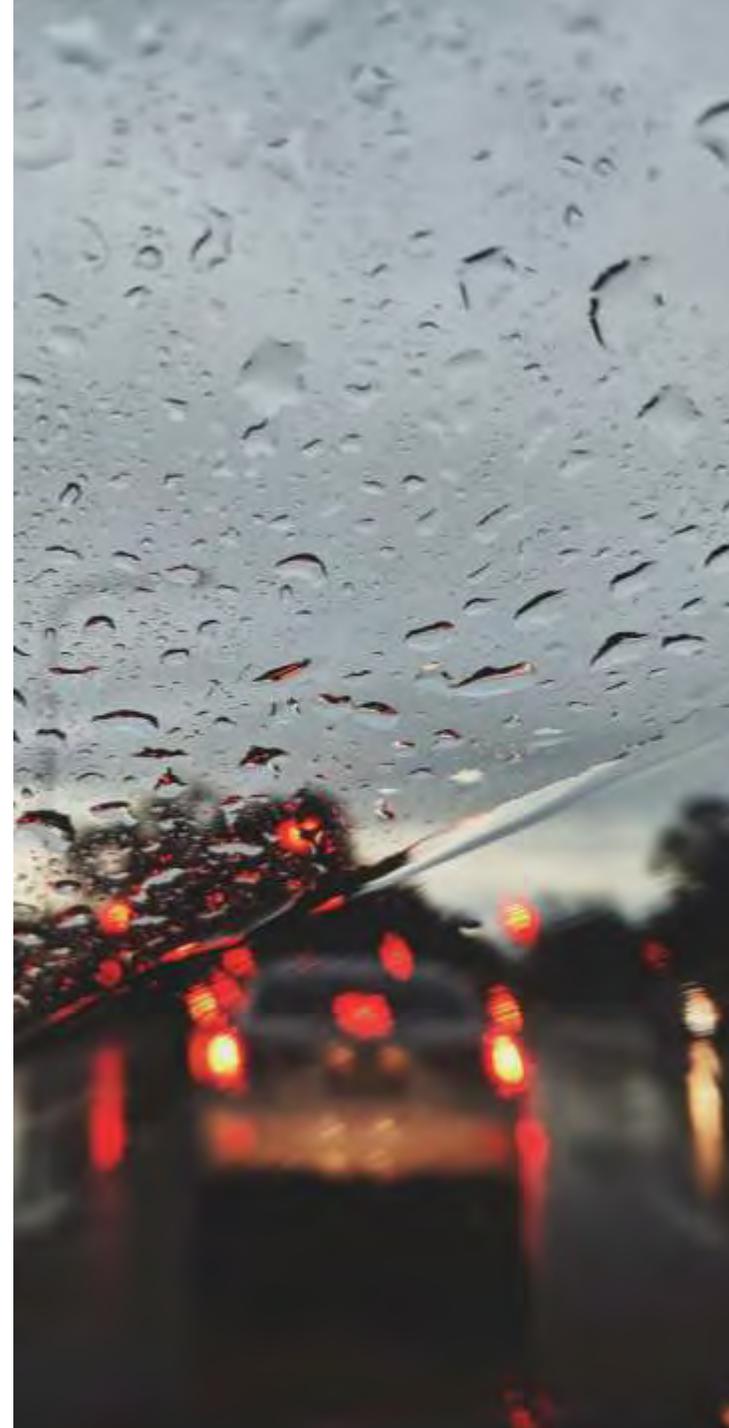
- Identified corridors showing major shifts in LOS from the original GPATS model to the Strong Growth adjusted model
- Indicates areas that are highly sensitive to variations in projected land use and therefore at higher risk of developing poor future conditions



Developing Future Trends

Long-Term Project Needs

- Areas of high need for long-term projects based on model predictions and additional network analysis include:
 - Pete Hollis Boulevard/Buncombe Street complete street corridor transformation
 - I-385 and Stone Avenue/Laurens Road interchange reconfiguration
 - Broad Street-Washington Street corridor connection
 - Cultural Corridor on College Street/Beattie Place
 - Swamp Rabbit Trail extensions and Richland Creek greenway system development on eastern side of downtown



Next Steps

- Incorporate prioritized project list into future GPATS Long-Range Transportation Plan updates
- Develop a prioritization framework for short- and long-term project list within the City
- Continue to maintain public involvement as project continues



HDR