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Greensboro MPO TCC Meeting

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Lead Planning Agency: City of Greensboro • Transportation Department



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Technical Coordinating Committee Meeting Agenda

Monday, February 7, 2:00 PM
WebEx Online Virtual Meeting

Introductory Items:

1. Opening remarks / TCC Roll Call /Attendee Verification

Action Items:

1. December 14, 2021 Meeting Minutes
2. Highway Safety Performance Measure Targets for 2022
3. Transit Performance Measure Safety Targets for 2022
4. MTIP Modification: Statewide Projects
5. MTIP Amendment: MPO Roadway Projects
6. MTIP Amendment and Modification: MPO Rail Projects
7. FY 2023 CMAQ Project Selection & MTIP Amendment
8. FY 2021-2022 Unified Work Program Amendment

Business Items / Potential Action Items:

1. Draft FY 2023 Unified Planning Work Program
2. Clean Cities Coalition
3. Division 7 Updates
4. Project Updates
5. Strategic Reports

Other Items

1. Member Updates
2. Wrap-Up & Adjournment

Lead Planning Agency: City of Greensboro Department of Transportation



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Technical Coordinating Committee Agenda Summary

Monday, February 7, 2:00 PM
WebEx Online Virtual Meeting

Action Items:

2. **Highway Safety Performance Measure Targets for 2022:** adopts NCDOT highway safety targets for the MPO.
3. **Transit Performance Measure Safety Targets for 2022:** sets MPO transit safety targets in cooperation with GTA and PART.
4. **MTIP Modification: Statewide Projects:** adds traffic separation study program project RC-2000 and rail crossing safety project RX-2000 for planning only. Adds funding to federal lands road improvements project R-5753.
5. **MTIP Amendment: MPO Roadway Projects:** amends U-5812 Pisgah Church – Lawndale – Martinsville intersection improvements to shift right-of-way from FY 2022 to FY 2023 and construction from FY 2023 to FY 2024.
6. **MTIP Amendment and Modification: MPO Rail Projects:** modifies Norfolk Southern Intermodal Terminal project P-5700 schedule from FY 2022 to FY 2023 and Pomona Yard STI project P-5714 schedule from FY 2023 to FY 2024. Adds RX-2007C for rail crossing improvements at Hillcroft Road.
7. **FY 2023 CMAQ Project Selection & MTIP Amendment:** recommends directing FY 2023 CMAQ funds to GTA project TA-4771 Clean Diesel Replacement Buses to replace four outdated buses that are in poor condition.
8. **FY 2021-2022 Unified Work Program Amendment:** increases funding for Household Transportation Survey for the Piedmont Triad Regional Travel Demand Model.

Business Items / Potential Action Items:

1. **Draft FY 2023 Unified Planning Work Program:** brief overview of draft FY 2023 UPWP.
2. **Clean Cities Coalition:** a presentation from North Carolina Clean Energy Technology Center with a request of support for expanding into underserved and rural areas.
3. **Division 7 Updates:** current topics including NCDOT projects in the MPO area.
4. **Project Updates:** recent and upcoming locally administered project milestones and other information.
5. **Strategic Reports:** upcoming work items and topics of current interest.

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Technical Coordinating Committee

Meeting Minutes of December 14, 2021

2:00 PM, Greensboro, NC
WebEx Online Virtual Meeting

Attendance

Tyler Meyer	<i>TCC Chair</i>	Mark Kirstner	<i>PART</i>
Lydia McIntyre	<i>MPO Staff</i>	Michael Abuya	<i>NCDOT TPB</i>
Gray Johnston	<i>MPO Staff</i>	Jesse Day	<i>PTCG</i>
Yuan Zhou	<i>MPO Staff</i>	Jeff Sovich	<i>GSO Planning</i>
Tram Truong	<i>MPO Staff</i>	Stephen Robinson	<i>NCDOT Div. 7</i>
Chandler Hagen	<i>MPO Staff</i>	Tamara Njegovan	<i>NCDOT Div. 7</i>
Chris Spencer	<i>GDOT/Engineering</i>	Suzette Morales	<i>FHWA</i>
Deniece Conway	<i>GDOT/Engineering</i>	Elizabeth Jernigan	<i>GSO Parks & Rec</i>
George Linney	<i>GTA</i>	Suzanne Akkoush	<i>PTLAA</i>
		David Hursey	<i>Kimley Horn</i>
		Tyler Spring	<i>Kimley Horn</i>

Tyler Meyer called the meeting to order at approximately 2:00 PM.

Introductory Items

1. Orientation to WebEx Software

Lydia McIntyre welcomed everyone to the June virtual meeting and reviewed how to use the WebEx software.

2. Opening Remarks and Roll Call

Lydia McIntyre took roll call for the public record. TCC members and others identified themselves.



Action Items:

1. November 8, 2021 Meeting Minutes

Tyler Meyer asked if any changes were needed to the minutes. Suzette Morales requested the spelling of her name be corrected, which was duly noted. No other changes were identified.

Chris Spencer moved to approve the minutes of November 8, 2021. Mark Kirstner seconded. The TCC voted unanimously to approve.

2. MTIP Modification: MPO Area STI Sidewalk Projects

Tyler Meyer stated this item endorses an administrative modification recently made to the schedules for two STI funded transit oriented sidewalk projects in Greensboro: Farmington Road between Gate City Boulevard and Holden Road; and Meadowview Street between Randleman Road and Elm-Eugene Street. The Meadowview project includes improvements around the corners to improve accessibility and bus stop shelter locations. Right-of-way authorization for these projects was expected in fiscal year 2021 but took a little longer due to technicalities with the environmental documents. These projects recently received right-of-way authorizations though, and therefore are now ready to proceed. Construction schedule for the projects is late fiscal year 2022, though could shift to 2023 dependent on right-of-way progress. For clarity, Meyer explained that the necessary administrative modifications to the MTIP/STIP have already been made to help the projects get back on schedule. Today's action is to endorse that modification for the record.

Stephen Robinson moved to approve recommendation to TAC. Mark Kirstner seconded. The TCC voted unanimously to approve.

3. Amendment & MTIP Modification: 2021-2022 Unified Planning Work Program

Tyler Meyer introduced the amendment to the Unified Planning Work Program, reminding the committee the UPWP accounts for USDOT and NCDOT transportation planning grants for FY 2022. The UPWP narrative elements provide an in depth description work anticipated for the year. The accounting elements identify anticipated level of effort and expense by task code.

Meyer noted the amendment shifts \$50,000 in expenditures from the 'regional planning' to 'networks and support systems' task codes to adjust level of effort expected for those work elements. The amendment also adds \$180,000 in BGDA matched by \$45,000 in local funds.

The amendment also adds provisions to include development of a downtown parking plan. Work would start in FY 2022 and carry over into FY 2023. The rationale for adding a downtown parking plan comes down to two basic points: it has been a long time since such a study was undertaken, and much has changed in the intervening years. Downtown has changed significantly: a changing land use mix including an influx of housing and the emergence of major new destinations and activity patterns as well a changing stakeholder expectations being the most prominent examples. Technology has changed even more: powerful desktop computers; smart phones, apps, and social media; new data sources and analysis methods; new vehicle technology; and a new emphasis on integrating multimodal transportation elements into the parking system are all notable factors making a rethinking of parking plans and policies a timely initiative.

The plan would recommend updated parking policies for pricing, enforcement, and curb management; as well as strategies for managing employee parking needs and special event parking.

The plan would identify how to use technology to minimize delay people experience in searching for parking spots, which could in turn reduce congestion and improve the downtown environment overall. Also, there is a real opportunity to use parking facilities to enhance multimodal connections and goals, including the goals established in the Comprehensive Plan, both for land use and multimodal connections. Goals include to facilitate comprehensive, efficient management of parking resources; make parking convenient for the residents, employees, and visitors; and supporting local businesses. The plan would involve a substantial amount of community outreach as well as analysis of a wide range of data and information. Meyer concluded saying the recommendation is to amend the UPWP as stated.

Mark Kirstner moved to approve recommendation to TAC. Stephen Robinson seconded. The TCC voted unanimously to approve.

Business Items / Potential Action Item(s):

1. Review Prioritization 6.0 Quantitative Scores

Tyler Meyer provided an update on the Prioritization 6.0 process. During recent meetings, we discussed the current process and how P6 project selection has been suspended due to the cost overruns on active TIP projects. Never the less, the department is still developing a Transportation Improvement Program for 2024-2033. Instead of adding new projects, development of this TIP is a matter of figuring out which of the current projects could be maintained, and which have to be taken out of the TIP and have to compete again for future funding opportunities. I serve on the STI Prioritization Work Group and we have been meeting for the last six months to advise NCDOT on this process. It has been very interesting and rewarding to be able to contribute in that way.

The Work Group just completed recommendations for the department for the basic steps for selecting projects but the Board of Transportation still has to meet and review the final recommendations and finalize a few details. I will give you more information about that process in future meetings, but today I want to share some information on where we are today, including with the recently released P6 quantitative score results.

In terms of the schedule, you can see on the slide that that the Work Group has just completed its recommendations. The quantitative scores have been released, and we are preparing to enter our process of consultation between MPOs, RPOs and the DOT on specific projects. We have another year and half before the process will be completed. The 2024-2033 STIP will be approved by the Board of Transportation in June 2023. It will become effective for the state funded projects July 1 2023 and for the federal projects on October 1, 2023.

Probably fall of 2023 is when we would have another opportunity as an MPO to submit projects for re-prioritization and hopefully for funding in the next STIP for 2026 to 2035. Part of the Department objectives in developing the 2024 to 2033 STIP is to have a bit of room to program new projects in the 2026 to 2035 STIP. It is a little early now to know exactly what that process will look like, but that is certainly the intention.

Now I will turn to the scores of the projects the MPO submitted, starting with the Statewide Mobility projects. The results are included in your agenda packet but I am going to go over the highlights for you and point out a few things that I think are worth noting at this point. On Statewide scores, you can see the projects that were MPO submitted that really did the best in a

competitive future prioritization rounds. As you can see, several of these are rail crossing grade separations. The Norfolk Southern crossing at Mackay Road ranked as the sixth highest project in the statewide funding category, which is impressive. You can see several other crossing improvements, grade separations for the rail lines in the area, including the Wagoner Bend, Naco Road extension, and the grade separations out in the area of Eastern Guilford County, which would extend past our Franklin Boulevard project. These projects are all part of the long term plan for improving rail safety in the county.

You can see that the rail projects and aviation projects tend to do quite well. As far as highway projects are concerned, the access management and safety improvements on US 29 scored very well, which is great because that project is clearly needed. In addition, the I-40 at Mount Hope Church Road project seems to have done quite well.

Next, we review the results for the Regional Tier. The Wendover Avenue - Church Street intersection improvement project did extremely well, the second ranked project in the region. I would note that the cost used is too low for what that project would actually include. Most likely the actual cost would not be so high as to significantly change the score. That project probably will be a high scorer in future rounds. There are also a couple of NC 150 intersection improvements, one in Summerfield and one in Oak Ridge, which appeared very competitive in the Regional level. Also the US 70 widening in eastern Guilford County, seems to have done relatively well.

There are more projects competing at the Division Needs level, three or four pages worth. These projects are sorted from high to low scores. The first page is made up of the most competitive sidewalk and greenway projects. There are many of such needs out there, but the number that can be selected for inclusion in the TIP with STI funds in any given prioritization round is always going to be limited. This is largely because the department has a policy that 90% of funds go to highway projects, 4% to non-highway projects, and 6% which is flexible to go to highway or non-highway modes. So although this whole first page has very high scores, only a handful of sidewalk and greenway projects would be added to the STIP if the Department were in a position to add any projects this round, which they are not. It is worth noting that the highest scoring projects included reconstruction of Summit Avenue from Sullivan Street to Fourth Street to improve safety, provide enhanced bicycle and pedestrian facilities including crossings, and extend the streetscape project the city is currently working on. Another standout is the Gate City Boulevard project that would extend the Gate City Streetscape project the City did several years back. In addition, the A & Y Greenway from Benjamin Parkway to Rollins Road and the North Buffalo Creek Greenway between Elm and Summit scored very well.

Meyer then reviewed the Division roadway project results. After that, he noted that for Public Transportation projects, several new service projects were submitted but none of them scored very well. I am not sure why that is because those projects are needed and intuitively would be expected to score more competitively. Perhaps the methodology tends to underrate those kinds of projects, but this is something that would require some evaluation to determine.

Meyer concluded saying that once the initial draft STIP projects are determined the MPO and the Division will have an opportunity to work together to potentially uncommitted projects for committed projects of a comparable price range as appropriate.

Lydia McIntyre asked when P-7.0 process will start. Meyer said it is definitely not too early for us to be thinking about it, of course, but as far as when it actually kicks off, I believe it would not be for another couple of years, because the next step will be the 2024 to 2033 TIP. That means it'll be developed in 2023. It'll be approved then, and here we are in 2022. So there's a lot of gap before they finalize the upcoming STIP.

Jesse Day stated we may be wrong, but we were talking about it at our RPO meeting about Spring of 2023, getting out onto scoring. Meyer stated this TIP would be approved in Summer of 2023 and would become effective October 1, 2023 for the Federal projects, and July 1, 2023 for the State projects. So at that point, you' would be gearing up for the submittal process. I have that information, and I was going to include a slide about it. I will be sure to do that for the TAC meeting. And we could circulate something after the meeting in an email with the timeline that's currently laid out. The TIP normally is on a two year process, but under the Federal regulations it can last up to four years. That is what the DOT is doing the current TIP.

2. Division Engineer Updates

Stephen Robinson stated he did not really have anything to add aside from what's in the packet. He did want to let you know that it's come to their attention, that there's a lot of projects that aren't included on our project updates. Our project updates will become more comprehensive and inclusive in the next few months. I'm here if there're any other questions that I can help answer.

Meyer asked if the Friendly and Lindell project has been re-bided. And another would be the Elm-Eugene Street and I-40 Interchange project.

Robinson said that per the project manager, it has been pushed out a year. I am going to talk to our Division Engineer Patty Eason in regards to potential advertisement improvements for that letting.

Meyer said we encourage you to review your engineering estimate. I know there was some issues with the bids being high, but perhaps just keep us in the loop. We could have some further conversation about it. It would be better if moving from 2021 to 2022 by about a month rather than whole year.

3. Project Updates

Tyler Meyer present recent pictures of projects. Josephine Boyd, where you can see the new crossing, and you can see the widened sidewalk on the east side by the UNCG parking lot. Next, the Market – College – Guilford College Intersection project, and the U-5306B Westridge Road - Battleground Intersection project. The purpose of showing these shots is to show you that they did make progress getting the markings down. There was some discussion at the last meeting that they might not be able to do that in time.

Meyer presented the current bid opening scheduled for four projects coming up in the short term.

- Downtown Greenway Phase 4 and the first phase of the A&Y extension out of Downtown, which eventually connect to existing A&Y near Target. The right-of-way certification was received recently, and the construction authorization was requested, so the current bid schedule will be right at the end of the year.

- U-5532 E sidewalks and ramps on Big Tree, Bridford Parkway, Hornaday Rad, Shelby Drive and Hewitt Street. Current bid schedule will be right at the end of the year.
- Seminole Drive, West Bessemer Avenue, and Whippoorwill Road be advertised in January.
- Also in January Murrow Boulevard Bridge Repair over Church Street. The bridge is part of the Downtown Greenway Phase 2 project. The bridge required some substantial repairs, which was not originally part of the Phase 2 project. It required additional engineering and a new agreement to be established.

4. Strategic Reports

Tyler Meyer noted recent announcements and news reporting that Toyota has selected Greensboro - Randolph Mega Site for an automotive battery plant. This is huge news for the region and it will take time to sort through the ultimate shape of the plant and its impact on the transportation infrastructure and project needs in the area.

As has also been reported, evidently there is a possibility that of a supersonic jet manufacturer will locate at PTI. If that materializes, further discussions of infrastructure needs and long term implications will occur.

Division 7 recently conducted a field tour of the Loop construction between Elm Street and US 29. It was fascinating to see the huge amount of earth being moved. It was a very memorable experience and we really do appreciate having had the opportunity.

If you have any questions about any of the project updates or strategic reports, you may bring them up now. Otherwise, this would be a chance for any member updates or discussion to occur.

Jeff Sovich asked if the Whippoorwill was a Safe Route to School or petition project. Meyer said Whippoorwill was a petition project though one with a clear safe routes to school benefit. It is not uncommon to group petition projects with sidewalk priority projects when the funding source is the same and such projects are ready to go to construction at the same time.

Other Items

1. Member Updates

Mark Kirstner noted PART is trying again to collect freight and truck driver data to help inform, and validate, and calibrate our freight model. Getting the needed response rate has been extremely challenging. We reached to the highest level of several of the large freight carriers in the region, but they are unwilling to participate or let their drivers participate. We have recently engaged in a broad based social media campaign including posting on 20 or more Facebook sites related to truck drivers as well as some company pages that allow the public to post. We have also shared this out on the PART Facebook page and PART LinkedIn page, and would encourage everyone, MPOs, cities, towns to share the information as well.

Meyer asked how far are you are off your target response rate right now for the freight survey. Kirstner said about as far off as we were two months ago though a few drivers did sign up since then. RS&G has gotten streetlight data for the region in collaboration with NCDOT, and that data is being evaluated to see if it could help fill in the gaps. With the additional emphasis on freight from

FHWA and the potential value it could provide in project prioritization processes, the freight model is a huge step forward. What we do not have is a relationship with the freight industry. When we turn the page on this, I think it will behoove all the MPOs in our region to develop that relationship. That would be a valuable way to help improve our transportation planning process.

Meyer stated you are talking about using streetlight data to fill in the gaps, and asked whether adapting survey data from a similar region would be a feasible workaround. Kirstner stated the model is currently using data from another region in there now to see how the dashboard might work. Getting data specific to our region is important, but the team is working diligently to determine how best to fill in any gaps such data associated with the low response rate.

Stephen Robinson reported that Tyler was correct with the schedule for I-5964 Elm-Eugene and I-40 Interchange, the let date is May 6. Also, the Friendly – Lindell project will have a let date in February. Meyer thanked Stephen for the information. He invited the TCC to join in on the TAC meeting for a presentation on rail corridor safety from Roger Smock with the NCDOT Rail Division.

2. Wrap-Up & Adjournment

Tyler Meyer advised that the TAC meeting will be January 25, 2022 at 2:00 PM and thanked everyone for attending.

Tyler Meyer adjourned the meeting at 3:00 PM.



Highway Safety Performance Measure Targets for 2022

Background

Federal surface transportation law and regulations include requirements for performance-based planning and more specifically, performance-based transportation outcomes. Several divisions of the U.S. Department of Transportation (USDOT) are responsible for administering the national surface transportation, performance-based planning program with rule-making oversight by the FHWA and FTA.

Regulations, 23 CFR 490 and 23 CFR 450 further detailed the process that State DOT's and MPO's must follow regarding the inclusion of performance measures into the planning process, and implementation and details of the performance management process. The performance measures can broadly be grouped into three categories: 1) Safety 2) Pavement/Bridge, and 3) CMAQ, Reliability, and Freight. The MPO took action on the Safety Targets January 2018 and will continue to be required annually to approve Safety Targets.

Federal legislation states MPO's have 180 days from August 31, 2021 to establish a target by:

Option A

Agreeing to plan and program projects so that they contribute toward the accomplishment of NCDOT's safety target for that performance measure; or

Option B

Committing to a quantifiable target for that performance measure for your metropolitan planning area. (23 CFR 450.206(d) (2) (ii))

The MPO staff continues to recommend Option A to support meeting NCDOT established targets. The MPO must approve the targets by February 27, 2022.

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ENDORSEMENT OF TARGETS FOR SAFETY PERFORMANCE MEASURES ESTABLISHED BY NCDOT

A motion was made by TAC Member _____ and seconded by TAC Member _____ for adoption of the following resolution, which upon being put to a vote was duly adopted.

WHEREAS, the Greensboro MPO has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and;

WHEREAS the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures annually, by August 31, and;

WHEREAS, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries, and;

WHEREAS, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group and;

WHEREAS, the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31, of each year and;

WHEREAS the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

NOW THEREFORE, BE IT RESOLVED, that the Greensboro MPO agrees to plan and program projects that contribute toward the accomplishment of the State's targets as *noted below for each of the aforementioned performance measures*:

1. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 12.17 percent from 1,428.8 (2016-2020 average) to 1,254.9 (2018-2022 average) by December 31, 2022.
2. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 13.78 percent from 1.226 (2016-2020 average) to 1.057 (2018-2022 average) by December 31, 2022.
3. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 19.79 percent from 4,410.2 (2016-2020 average) to 3,537.6 (2018-2022 average) by December 31, 2022.
4. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 21.68 percent from 3.782 (2016-2020 average) to 2.962 (2018-2022 average) by December 31, 2022.
5. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 17.93 percent from 592.2 (2016-2020 average) to 486.0 (2018-2022 average) by December 31, 2022.

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) *(Title of Certifying Official)*

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day February 9, 2022.

Notary Public

My commission expires_____.

RESOLUTION ESTABLISHING TRANSIT PERFORMANCE MEASURE SAFETY TARGETS

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution, which upon being put to a vote was duly adopted.

WHEREAS, the Greensboro MPO has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO’s metropolitan planning area; AND

WHEREAS the current surface transportation authorization law and regulations require the ongoing implementation of performance based planning and programming to achieve desired performance outcomes for the multimodal transportation system, including the setting of targets for future performance by States, providers of public transportation, and metropolitan planning organizations (MPOs); AND

WHEREAS, the Federal Transit Administration (FTA) published the Public Transportation Agency Safety Plan (PTASP) Final Rule on July 19, 2018 requiring certain operators of public transportation systems that receive federal funds under FTA’s Urbanized Area Formula Grants to develop safety plan that include the processes and procedures to implement Safety Management Systems; AND

WHEREAS 49 CFR Part 673, the Public Transportation Agency Safety Rule, which became effective on July 19, 2019, requires transit operators to develop and adopt a Public Transportation Agency Safety Plan that includes performance targets on fatalities, injuries, safety events, and system reliability (state of good repair); AND

WHEREAS, the Federal Highway Administration (FHWA) and the FTA issued a joint final rule on planning (Statewide and Nonmetropolitan Transportation Planning; Metropolitan Transportation Planning), under which MPOs shall establish performance targets within 180 days of a State or transit provider setting targets; AND

WHEREAS, the Piedmont Authority for Regional Transportation (PART) and the Greensboro Transit Agency (GTA) in the MPO’s planning area have developed information and targets toward compliance with the law and regulation and have communicated their current targets for PTASP to the MPO as follows

PART Transit Safety Performance Targets (July 2021 – June 2022)

Mode of Transit Service	Fatalities (Total)	Fatalities (per million VRM)	Serious Injuries (total)	Serious Injuries (per million VRM)	Safety Events (total)	Safety Events (per million VRM)	System Reliability (VRM/failures)
Bus	0	0	0	0	54	38.4	43,300
Vanpool	0	0	0	0	0	0	140,477

PART’s PTASP was adopted on April 9 2020, and the targets were approved on July 30, 2021.

GTA Transit Safety Performance 2022 Targets

Mode of Service	Fatalities (total)	Fatalities (per 100k VRM)	Injuries (total)	Injuries (per 100k VRM)	Safety Events (total)	Safety Events (per 100k VRM)	System Reliability (failures/VRM)
Bust Transit	0	0.00	14	0.71	7	0.36	32,246
ADA/Paratransit	0	0.00	6	0.43	3	0.22	107,328

GTA’s PTASP was adopted on November 17, 2020; the targets were updated in December 2021.

NOW THEREFORE be it resolved that the Greensboro Urban Area Transportation Advisory Committee agrees to plan and program projects that contribute toward the accomplishment of the transit safety performance targets established by the PART and GTA Public Transportation Agency Safety Plans and that by approval of this resolution applicable references are hereby added to the 2045 MTP adopted on December 9, 2020, and the FY 2020-2028 MTIP adopted on November 13, 2019 by the Greensboro MPO.

I, Marikay Abuzuaiter, TAC Chair
(Name of Certifying Official) *(Title of Certifying Official)*

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day February 9, 2022.

Notary Public

My commission expires _____.

FY 2020-2029 MTIP Modification: Statewide Projects

Background:

NCDOT proposes to add three new three statewide roadway projects to the MTIP. RC-2000 and RX-2000 are Rail Division projects. R-5753 was requested by the Federal Highway Administration.

Project Situation:

- **RC-2000:** will provide for NCDOT Rail Division administrative work for the traffic separation and closures study program. This program identifies, plans, designs, and administers implementation of rail crossing closures and roadway grade separation across the state. Funding level is unspecified. *Adds new project for planning only to MTIP.*
- **RX-2000:** will provide for NCDOT Rail Division administrative work for the highway-rail grade crossing safety improvements program. This program identifies, plans, designs, and administers implementation of safety improvements such as rail crossing warning signs, signals, and crossing gates. Funding level is unspecified. *Adds new project for planning only to MTIP.*
- **R-5753:** provides for construction of road and bridge improvements on federally owned roads on federal lands. *Adds funding in FY 2023, FY 2024, and FY 2025.*



Recommended Action & Next Steps:

- TAC action to modify the 2020-2029 MTIP.
- NCDOT will modify the 2020-2029 STIP at the February 3, 2022 Board of Transportation meeting.

Lead Planning Agency: City of Greensboro Department of Transportation



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MTIP Modification Details

STATUS	ID #	DESCRIPTION	FUNDS	PHASE	FY 2022	FY 2023	FY 2024	FY 2025
Add	<u>R-5753</u>	<u>Construct road and bridge on transportation facilities that are owned by the Federal Government that provide access to federal</u>	<u>FLTP</u>	<u>CST</u>	<u>\$11,000,000</u>	<u>\$11,200,000</u>	<u>\$9,500,000</u>	<u>\$1,000,000</u>

Gray shading indicates prior TIP listings. Unshaded cells reflect revised listings. Deletions are represented by strikethrough text, additions by underlined text.

Funding Sources Key:

***FLTP:** Federal Lands Transportation Program*

**RESOLUTION MODIFYING THE GREENSBORO URBAN AREA
FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:
STATEWIDE PROJECTS**

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has reviewed the current 2020-2029 Metropolitan Transportation Improvement Program, adopted by the TAC on November 13, 2019 and has found that an modification is needed; AND

WHEREAS, The NCDOT requests the MPO modify the MTIP for RC-2000, RX-2000, and R-5753; AND

WHEREAS, the MPO adds projects RC-2000 and RX-2000 for planning only; AND

WHEREAS, the MPO adds funding in FY 2023, FY 2024, and FY 2025 for project R-5753 not previously programed; AND

WHEREAS, the NC Board of Transportation is to modify the STIP on February 3, 2022; AND

WHEREAS, the Greensboro Urban Area conforms with the North Carolina State Implementation Plan for maintenance of the National Ambient Air Quality Standards; AND

WHEREAS, on April 21, 2021 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years;

NOW Therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to act on the Metropolitan Transportation Improvement Program for FY 2020-2029 to modify the MTIP for RC-2000, RX-2000, and R-5753, on this day, February 9, 2022.

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, February 9, 2022.

Notary Public

My commission expires _____

FY 2020-2029 MTIP Amendment: MPO Roadway Project

Background:

NCDOT requests the MPO amend the MTIP to adjust the schedule for one STI funded roadway project U-5812, Pisgah Church Road intersection improvements at Lawndale Drive and Martinsville Road.



Project Situation:

- **U-5812** will improve the intersection at Lawndale Drive, Pisgah Church Road, and Martinsville to reduce traffic delay and improve traffic and pedestrian safety. This is an STI funded City of Greensboro sponsored project. *Delays right of way from FY 2022 to FY 2023 and delays construction from FY 2023 to FY 2024 to provide more time for planning and design.*

Recommended Action & Next Steps:

- TAC action to amend the 2020-2029 MTIP.
- NCDOT will amend the 2020-2029 STIP at the February 3, 2022 Board of Transportation meeting.

Lead Planning Agency: City of Greensboro Department of Transportation

MTIP Amendment Details

STATUS	ID #	DESCRIPTION	FUNDS	PHASE	FY 2022	FY 2023	FY 2024
Current	U-5812	Improve intersection at Lawndale Drive, Pisgah Church Road, and Martinsville to reduce delay and improve safety	BGANY	ROW	\$144,000		
			L	ROW	\$ 36,000		
			BGANY	CST		\$ 600,000	
			L	CST		\$ 150,000	
Change	U-5812*	Improve intersection at Lawndale Drive, Pisgah Church Road, and Martinsville to reduce delay and improve safety	BGANY	ROW		<u>\$ 144,000</u>	
			L	ROW		<u>\$ 36,000</u>	
			BGANY	CST			<u>\$ 600,000</u>
			L	CST			<u>\$ 150,000</u>

Notes:

*Gray shading = prior listings, unshaded = revised listings, strikethrough = deletions, underlined = revisions, * = amendment*

Funding Sources Key:

***BGANY:** Surface Transportation Block Grant Program (Any Area)*

***L:** Local Funds*

**RESOLUTION AMENDING THE GREENSBORO URBAN AREA
FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:
MPO ROADWAY PROJECT**

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has reviewed the current 2020-2029 Metropolitan Transportation Improvement Program, adopted by the TAC on November 13, 2019 and has found that an amendment is needed; AND

WHEREAS, NCDOT proposes to delay the schedule for project U-5812 Lawndale, Pisgah Church, and Martinsville Intersection Improvement to allow more time for planning and design; AND

WHEREAS, the NCDOT requests the MPO amend project U-5812 in 2020-2029 MTIP to delay right of way from FY 2022 to FY 2023 and construction from FY 2023 to FY 2024; AND

WHEREAS, the NC Board of Transportation will follow-up to modify the STIP as appropriate on February 3, 2022; AND

WHEREAS, the Greensboro Urban Area conforms with the North Carolina State Implementation Plan for maintenance of the National Ambient Air Quality Standards; AND

WHEREAS, on April 21, 2021 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years;

NOW Therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to act on the Metropolitan Transportation Improvement Program for FY 2020-2029 to amend the MTIP for U-5812, on this day, February 9, 2022.

I, Marikay Abuzuaiter, TAC Chair,

(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, February 9, 2022.

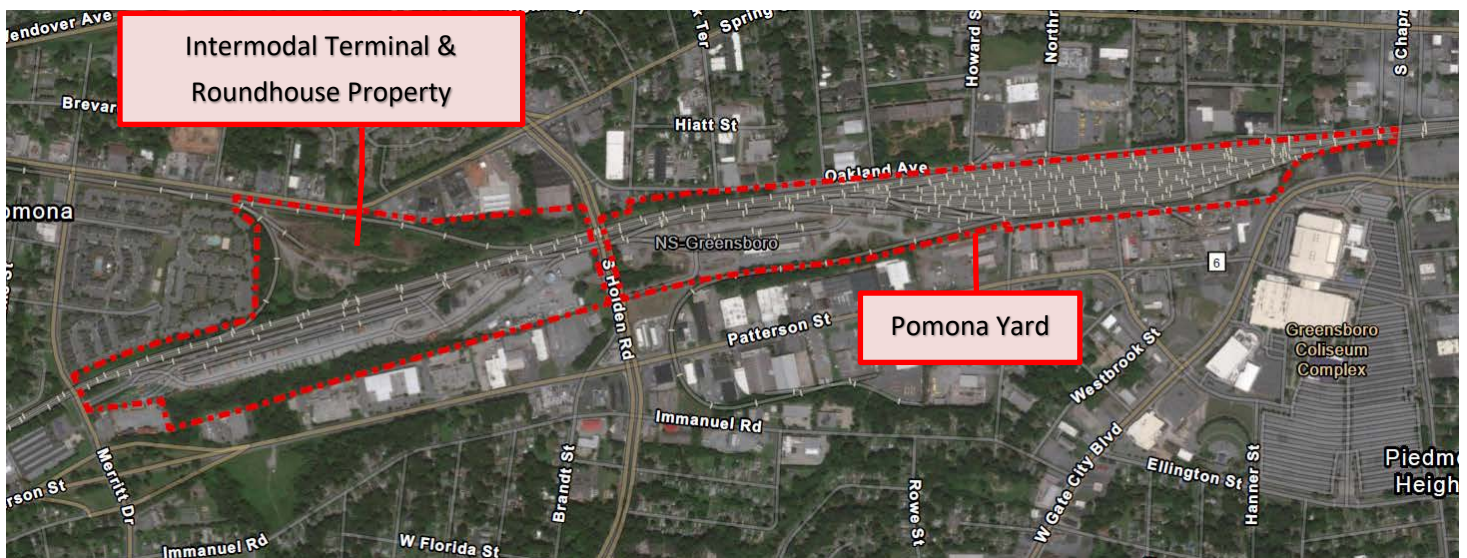
Notary Public

My commission expires _____

FY 2020-2029 MTIP Amendment & Modification: MPO Rail Projects

Background:

NCDOT requests the MPO modify the 2020-2029 MTIP for two existing STI funded projects sponsored by the Norfolk Southern Railroad and adds a new phase, RX-2007C, to existing NCDOT rail safety project RX-2007.



Project Details:

- **P-5700** will construct parking lot with space for international containers, including security fence, pole-mounted lightning, and paved entrance at the Norfolk Southern Mainline, Norfolk Southern “Roundhouse” property. *Delays construction from FY 2022 to 2023.*
- **P-5714** will extend auxiliary track and add power turns out at the NCRN Norfolk Southern, Pomona yard. *Delays construction from FY 2023 to FY 2024.*
- **RX-2007C** will install active warning devices at the railroad crossing on Hillcroft Road and Norfolk Southern railroad crossing. *Adds new project break at request of Rail Division.*

Recommended Action & Next Steps:

- TAC action to amend and modify the 2020-2029 MTIP.
- NCDOT to amend and modify the 2020-2029 STIP at the February 3, 2022 Board of Transportation meeting.

Lead Planning Agency: City of Greensboro Department of Transportation



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MTIP Amendment & Modification Details

STATUS	ID #	DESCRIPTION	FUNDS	PHASE	FY 2022	FY 2023	FY 2024
Current	P-5700	Construct parking lot with space for international containers, including security fence, pole mounted lighting, & paved entrance at Norfolk Southern Mainline, Norfolk Southern "Roundhouse" property.	T	CST	\$850,000		
			O	CST	\$850,000		
Change	P-5700	Construct parking lot with space for international containers, including security fence, pole mounted lighting, & paved entrance at Norfolk Southern Mainline, Norfolk Southern "Roundhouse" property.	T	CST		\$ 850,000	
			O	CST		\$ 850,000	
Current	P-5714	Extend auxiliary and add power turnouts to NCRR Norfolk Southern, Pomona Yard	T	CST		\$ 1,600,000	
			O	CST		\$ 1,500,000	
Change	P-5714	Extend auxiliary and add power turnouts to NCRR Norfolk Southern, Pomona Yard	T	CST			\$1,600,000
			O	CST			\$1,500,000
Add	RX-2007C*	Install active warning devices at Hillcroft Road, Norfolk Southern Railroad Crossing	RR	CST		\$ 800,000	

Notes:

Gray shading = prior listings, unshaded = revised listings, strikethrough = deletions, underlined = revisions, * = amendment

Funding Sources Key:

O: Other

RR: Rail – Highway Safety

T: State Highway Trust Fund

**RESOLUTION AMENDING & MODIFYING THE GREENSBORO URBAN AREA
FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:
MPO RAIL PROJECTS**

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has reviewed the current 2020-2029 Metropolitan Transportation Improvement Program, adopted by the TAC on November 13, 2019 and has found that an amendment is needed; AND

WHEREAS, NCDOT proposes a schedule adjustment for project P-5700 Norfolk Southern Roundhouse intermodal improvements and P-5714 Norfolk Southern Pomona Yard to provide more time to complete the planning and design process; AND

WHEREAS, NCDOT has requested the MPO modify P-5700 to shift construction from FY 2022 to FY 2023 and modify P-5714 to shift construction from FY 2023 to FY 2024; AND

WHEREAS, NCDOT has requested the MPO to amend the MTIP to add new project break for RX-2007C at Hillcroft Road and Norfolk Southern railroad crossing; AND

WHEREAS, the NC Board of Transportation is to amend and modify the STIP on February 3, 2022; AND

WHEREAS, the Greensboro Urban Area conforms with the North Carolina State Implementation Plan for maintenance of the National Ambient Air Quality Standards; AND

WHEREAS, on April 21, 2021 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years;

NOW Therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to modify P-5700 and P-5714, and to amend RX-2007C on this day, February 9, 2022.

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, February 9, 2022.

Notary Public

My commission expires _____

FY 2023 CMAQ Project Selection & FY 2020-2029 MTIP Amendment

Background:

NCDOT has made available \$1,763,123 in FY 2023 CMAQ funds for the MPO to direct / apply towards eligible priority project(s). CMAQ eligibility is restricted to projects with demonstrated air quality benefits such as transit oriented sidewalks, clean fuel buses, and roadway operational improvements that do not increase highway capacity. Per NCDOT requirements, these FY 2023 CMAQ funds must be obligated in the year programmed or they will be withdrawn and made available for reallocation under a statewide competitive grant allocation process open to all eligible MPOs, RPOs, and NCDOT divisions.

Project Selection Review & Recommendation:

After reviewing potential candidate projects, the following MPO priority projects were found to be able to meet both the eligibility and timing requirements for FY 2023 CMAQ funding:

- U-5532 transit-oriented sidewalks ready for FY 2023 construction. These projects already have MPO DA funding committed and so a CMAQ award is not recommended at this time.
- GTA replacement buses to replace four outdated buses that are an increasing burden on operation and maintenance costs. CMAQ is the primary available federal funding source for replacement buses. Without FY 2023 CMAQ funding these buses could not be replaced until FY 2023 or later. Based on these factors, GTA replacement buses are recommended for a FY 2023 CMAQ award.

Project Situation:

TA-4771 will replace four outdated 2009 Gillig buses with four new clean diesel buses. The 2009 Gilligs have exceeded their useful life resulting in decreased reliability and excessive maintenance costs. The new buses will reduce emissions and increase reliability on existing GTA routes. *Adds CMAQ funds for \$1,763,123 (Federal) and \$440,781 (Local) to FY 2023.*



2009 Gillig bus to be replaced by TA-4771

Recommended Action & Next Steps:

- Direct \$1,763,123 (Federal) in FY 2023 CMAQ funds to TA-4771 GTA Clean Diesel Replacement Buses and amend the MTIP accordingly.
- NCDOT plans to amend the STIP in May 2022 following approval of the analysis documenting air quality benefits of the project.

Lead Planning Agency: City of Greensboro Department of Transportation

MTIP Amendment Details

Gray shading indicates prior TIP listings. Unshaded cells reflect revised listings. Deletions are represented by strikethrough text, additions by underlined text.

STATUS	ID #	DESCRIPTION	FUNDS	PHASE	FY 2020	FY 2021	FY 2022	FY 2023
Current	TA-4771	Clean Diesel Replacement Buses	FBUS	CP	\$1,768,000			
			CMAQ	CP		\$1,900,000	\$1,763,123	
			L	CP	\$ 312,000	\$ 475,000	\$ 440,781	
Add	TA-4771	Clean Diesel Replacement Buses	<u>CMAQ</u>	<u>CP</u>				<u>\$1,763,123</u>
			<u>L</u>	<u>CP</u>				<u>\$440,781</u>

Funding Sources Key:

***CMAQ:** Congestion Mitigation and Air Quality*

***FBUS:** Bus and Bus Facilities*

***L:** Local funds*

**RESOLUTION AMENDING THE GREENSBORO URBAN AREA
FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:
FY 2023 CMAQ TRANSIT PROJECTS**

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has reviewed the current 2020-2029 Metropolitan Transportation Improvement Program, adopted by the TAC on November 13, 2019 and has found that an amendment is needed; AND

WHEREAS, CMAQ project eligibility is generally restricted to projects with demonstrated air quality benefits including clean fuel buses, transit oriented sidewalks, and roadway intersection or signalization operational improvements that do not significantly increase highway capacity; AND

WHEREAS, MPO staff has reviewed CMAQ eligible projects that could realistically meet the FY 2023 funding timeframes and selected the Clean Diesel Replacement Buses project to replace four old 2009 Gillig buses that have exceeded useful life and mileage standards by FY 2023; AND

WHEREAS, the amendment of the TA-4771 Clean Diesel Replacement Buses project adds the CMAQ funds in FY 2023; AND

WHEREAS, the NC Board of Transportation is to amend the STIP on May 6, 2021; AND

WHEREAS, the Greensboro Urban Area conforms with the North Carolina State Implementation Plan for maintenance of the National Ambient Air Quality Standards; AND

WHEREAS, on April 2, 2017 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years;

NOW Therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to act on the Metropolitan Transportation Improvement Program for FY 2020-2029 to amend projects TA-4771, on this day, January 26, 2022.

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, January 26, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, January 26, 2022.

Notary Public

My commission expires _____



To: TAC and TCC
 From: Tyler Meyer, AICP, Transportation Planning Manager & TCC Chair
 Subject: FY 2021-22 Unified Planning Work Program Amendment #2
 Date: February 9, 2022

Background

The Unified Planning Work Program (UPWP) guides MPO planning activities for the fiscal year and identifies a program of work for reimbursement under annual planning grants received under the FHWA and FTA programs. From time to time amendments are required to add or remove funding and/or shift resources between work task codes.

Amendment Needed for Piedmont Triad Household Transportation Survey

The UPWP provides for the MPO Lead Planning Agency the City of Greensboro to procure and oversee a contract to prepare a new Household Transportation Survey for the Piedmont Triad Regional Travel Demand Model. The City will oversee the work in collaboration with PART, NCDOT, and Triad area MPO partners. NCDOT has agreed to reimburse 80% of project costs with Federal planning funds and 10% with state funds, with the remaining 10% split between the local partners.

Amendment Adds Funding to Increase Project Budget

At this time, a budget increase for the project is needed based on cost negotiations with the selected consultant team. NCDOT has agreed to increase its participation to maintain an 80% federal share and a 10% state share as shown in the table below:

Funding Source	Federal SPR Funding	State Funds	Local Match	Total
Current budget	\$678,976	\$84,872	\$84,872	\$848,720
Funding increase	\$112,064	\$14,008	\$14,008	\$140,080
New Revised budget total	\$791,040	\$98,880	\$98,880	\$988,800

Recommended Action & Next Steps

- Amend UPWP and modify MTIP on February 9, 2022.
- NCDOT & FHWA approval will follow.

Lead Planning Agency: City of Greensboro Department of Transportation



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Enclosures

- UPWP Administrative Table*
- Priority Work Initiatives
- MTIP BGDA Table
- FTA Task Narrative
- Task Narrative
- Long Range Planning Calendar
- Anticipated DBE opportunities
- Prior Year Accomplishments Report
- Approval Resolution*

*Items with an * are modified by this action. Other parts of the UPWP are unchanged.*

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning - PL104			BGDA			SPR				Transit Planning - 5303				OVERALL TOTALS			
			Local 20%	Federal 80%	Total 100%	Local 20%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local (10%)	State (10%)	Federal (80%)	Total 100%	Local	State	Federal	Grand Total
II-A Data and Planning Support																				
44.24.00	II-A-1A	Networks and Support Systems	\$ 25,000	\$ 100,000	\$ 125,000	\$ 45,000	\$ 180,000	\$ 225,000					\$ 24,415	\$ 24,415	\$ 195,322	\$ 244,153	\$ 94,415	\$ 24,415	\$ 475,322	\$ 594,153
44.24.00	II-A-1B	Downtown Parking Plan				\$ 50,000	\$ 200,000	\$ 250,000									\$ 50,000	\$ -	\$ 200,000	\$ 250,000
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -	\$ -				\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800					\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800
44.23.02	II-A-3	Transportation Modeling	\$ 17,500	\$ 70,000	\$ 87,500												\$ 17,500	\$ -	\$ 70,000	\$ 87,500
II-B Planning Process																				
44.23.02	II-B-1	Target Planning	\$ 13,750	\$ 55,000	\$ 68,750												\$ 13,750	\$ -	\$ 55,000	\$ 68,750
44.23.01	II-B-2	Regional Planning	\$ 25,000	\$ 100,000	\$ 125,000												\$ 25,000	\$ -	\$ 100,000	\$ 125,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
III-A Planning Work Program																				
44.21.00	III-A-1	Planning Work Program	\$ 1,250	\$ 5,000	\$ 6,250												\$ 1,250	\$ -	\$ 5,000	\$ 6,250
44.24.00	III-A-2	Metrics and Performance Measures	\$ 2,500	\$ 10,000	\$ 12,500												\$ 2,500	\$ -	\$ 10,000	\$ 12,500
III-B Transp. Improvement Plan																				
44.25.00	III-B-1	Prioritization	\$ 10,000	\$ 40,000	\$ 50,000												\$ 10,000	\$ -	\$ 40,000	\$ 50,000
44.25.00	III-B-2	Metropolitan TIP	\$ 5,000	\$ 20,000	\$ 25,000												\$ 5,000	\$ -	\$ 20,000	\$ 25,000
44.25.00	III-B-3	Merger/Project Development	\$ 625	\$ 2,500	\$ 3,125												\$ 625	\$ -	\$ 2,500	\$ 3,125
III-C Cvl Rgts. Cmp./Otr .Reg. Reqs.																				
44.27.00	III-C-1	Title VI Compliance	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-2	Environmental Justice	\$ 375	\$ 1,500	\$ 1,875												\$ 375	\$ -	\$ 1,500	\$ 1,875
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-4	Planning for the Elderly	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-5	Safety/Drug Control Planning	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-6	Public Involvement	\$ 2,500	\$ 10,000	\$ 12,500												\$ 2,500	\$ -	\$ 10,000	\$ 12,500
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -
III-D Statewide & Extra-Regional Planning																				
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 1,250	\$ 5,000	\$ 6,250												\$ 1,250	\$ -	\$ 5,000	\$ 6,250
III-E Management Ops, Program Suppt Admin																				
44.27.00		Management Operations	\$ 13,232	\$ 52,928	\$ 66,160												\$ 13,232	\$ -	\$ 52,928	\$ 66,160
TOTALS:			\$ 117,982	\$ 471,928	\$ 589,910	\$ 95,000	\$ 380,000	\$ 475,000	\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800	\$ 24,415	\$ 24,415	\$ 195,322	\$ 244,153	\$ 336,277	\$ 123,295	\$ 1,838,290	\$ 2,297,863
			Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal	Total	Local	State	Federal	Grand Total
			PL 104			BGDA			SPR				5303				Totals			

Priority Work Initiatives

Data & Planning Support

Regional Model Work Plan (II-A-1)

- PTRM Household Travel Survey: select vendor, kick off project, and conduct year one work plan activities. MPO staff will administer the project in coordination with PART and NCDOT.
- Continue regional freight model development in coordination with PART and NCDOT.
- Conduct other model development and routine maintenance activities.

System Usage Data (II-A-1)

- Collect data on traffic counts and speeds and bicycle and pedestrian volume counts. Maintain permanent count stations, deploy temporary counters, and purchase equipment and software as needed.
- Assess options for improving count programs and data sources, including options for an expanded bicycle and pedestrian count program. Implement findings as appropriate.
- Collect, process, maintain, and analyze freight information, crash data, socioeconomic data, and environmental data.
- Purchase processed data including real time data services relating to motorized traffic counts, speeds, and origins and destinations; bicycle and pedestrian travel data, and freight data.
- Create, maintain, and update geodatabases to catalog and access multimodal usage data, crash data, and related data sets. Purchase specialized database and analysis software as needed for this task.

Transit Data & Planning Support (II-A-1)

- Restructure GTA's GTFS feed, bring it up to date, and implement protocols for managing it in future.
- Continue Phase 2 of the previously contracted ADA Paratransit Operational Analysis.
- Evaluate ridership and schedule adherence for GTA Fixed Routes and HEAT service.
- Use transit analysis software to evaluate service changes, identify productive route modifications, and plan new transit routes and services.
- Restructure the city's bus stop planning program in three phases to ensure adequate infrastructure for public transportation:
 - 1) planning and analysis – data cleanup and maintenance will enable GTA to accurately prioritize improvements, including ADA updates, shelter construction, and Mobility Hub construction;
 - 2) project management and implementation – to construct new infrastructure in a timely manner the project management process will improve coordination between the many stakeholders involved and elevate public transportation projects with higher priority; and
 - 3) maintenance – to ensure bus stop infrastructure remains adequate and stop level assets are maintained, GTA will procure asset management tools and contract a dedicated sign and stop crew.

Safety Data & Planning Support (II-A-1)

- Process crash data, maintain crash databases, and conduct crash analyses for all travel modes.
- Work with NC Vision Zero and the Vision Zero Greensboro Initiative to mine additional data sources.
- Develop a platform for data and information sharing among relevant agencies and/or public to facilitate further analysis and outreach.
- Conduct pedestrian studies as needed.

Infrastructure Data (II-A-1)

- Use sidewalk, greenway, and curb ramp condition data to prepare and update analyses of repair, reconstruction, and modernization needs.
 - Produce a sidewalk maintenance needs assessment based on City ADA Transition Plan data.
 - Update greenway maintenance needs assessment as needed.
- Maintain and update geodatabases for biped infrastructure including existing facility, planned projects, sidewalk and greenway condition, and curb ramps.
- Improve internal processes for regularly updating the bicycle and pedestrian network data.
- Collect other transportation infrastructure conditions data as needed.

Priority Work Initiatives

Central Area Parking Inventory (II-A-1)

Develop a City of Greensboro Downtown Parking Plan. The plan will focus on the City Center (within the Downtown Greenway Loop) but will address broader parking policies, practices, and issues as well. Goals include:

- Efficiently manage existing parking facilities & loading zones
- Update enforcement policies and programs & other curb management elements
- Update parking pricing policies
- Improve understanding of data and parking behavior
- Make parking convenient for residents, employees, and visitors.
- Use parking management approaches to support local businesses.
- Update strategies to manage employee and special event parking demand.
- Manage parking to minimize searching and reduce congestion.
- Use parking facilities to enhance multimodal connections & goals
- Highlight relationship of parking management to goals of the comprehensive plan
- Communicate role of parking pricing and enforcement in downtown vitality.
- Create an action with definitive steps for implementation.

Performance Measures (III-A-2)

- Collect, analyze, and publish data to support performance measures and meet federal performance measure establishment and reporting requirements.
- Report progress on performance targets for PM2 and PM3 as well as transit asset management and transit agency safety plans.
- Update highway and transit safety targets annually.
- Monitor the established CMP.

Planning Process

2045 Metropolitan Transportation Plan (II-B-2)

- Work to implement the 2045 MTP and support the goals it lays out, including goals in common with the Vision Zero Greensboro, the BiPed Plan, Mobility Greensboro 2040, and PLANIT GSO.
- Conduct feasibility, corridor, or area studies as needed.
- Assess infrastructure improvement needs to identify candidate projects for NCDOT Prioritization, High Impact/Low Cost program, MPO DA funding, and/or local funding.
- Assess freight issues and related transportation needs.
- Study emerging trends and their potential impact on the overall transportation system. Trends of interest include shared mobility, micromobility, online shopping impact on local roadways, post-pandemic mobility trends and more.

Mobility Greensboro 2040 Long Range Public Transportation Plan (II-B-2)

- Pursue strategic partnerships with businesses, institutions, and the community.
- Coordinate with traffic engineers and land-use planners about implementation of roadway design, and land-use policies to enact comprehensive improvements to GTA's system.
- Create presentation materials to facilitate conversations about tradeoffs and decision making.
- Support development of financial strategies to support operations, maintenance, and capital funding, including a long range financial plan in collaboration with GTA.

Bicycle, Pedestrian, Greenways and Trails Master Plan (II-B-2)

Priority Work Initiatives

- Continue to reevaluate pedestrian recommendations including for sidewalk construction, pedestrian crossing improvements, and maintenance issues.
- Continue to reevaluate bicycle facilities recommendations.
- Work with Parks & Recreation and stakeholder agencies to continue to prioritize and refine greenway recommendations.
- Prepare an amendment to the 2015 BiPed Plan/ 2018 BiPed Amendment as needed to keep project recommendations current and develop proposed scope and timing for the next BiPed Plan Update.
- Coordinate and support bicycle and pedestrian education and promotion, including Bike Month.
- Oversee the Shared Micromobility Services Program. Coordinate with operator, mobility data platform service, and stakeholders for program development, public education, rider safety and permit compliance.
- Oversee the NCDOT SRTS Non-Infrastructure Grant to design, develop, and implement education and encouragement programs for the City.
- Coordination on developing and maintaining greenways of regional significance.
- Provide technical assistance for bicycle and pedestrian planning issues, studies, and initiatives.

Vision Zero Greensboro Action Plan (II-B-2)

- Support implementation of MPO safety programs under the priorities of the Action Plan.
- Cultivate and maintain partnerships with public health, law enforcement, education, and others on data sharing and implementation. This includes establishment of ongoing consultative structures, such as topical working groups and/or advisory committees
- Implement and coordinate pedestrian and bicycle safety education and enforcement programs such as Watch for Me NC and Safe Route to School in conjunction with area law enforcement agencies.
- Identify and prioritize infrastructure improvement needs, policy changes, and other steps.
- Promote safety initiatives outside of the City of Greensboro in cooperation with Division 7 and area officials.

Metropolitan Transportation Improvement Program & Projects (III-B-2)

- Process amendments to FY 2020-2029 MTIP and ensure consistency with the STIP.
- Maintain and update “current MTIP as amended” / live MTIP posted online after every MPO meeting to keep it up to date
- Implement the MPO Ranking Process for Prioritization 6.0 including public involvement activities. (III-B-1)
- Issue a call for Transportation Alternatives DA projects and administer TAPDA program. (III-B-1)
- Work with NCDOT and GDOT traffic engineering to conduct detailed evaluation of transportation needs and identification of prioritization candidates. Conduct detailed work on scoping, refining, and documenting the need or likely scope and cost of such projects, including by coordinating with NCDOT on express designs and conducting the local equivalent where appropriate. (III-B-1)
- Manage the MPO’s locally administered federal and state project programs, including agreements and ensuring MTIP consistency. Participate in the NCDOT project development, environmental study, and permitting process for area projects.
- Administer FY 2020-2022 Transit Resource Allocation Plan and develop the FY 2023-2024 update.
- Update Program of Projects annually to administer transit projects.
- Oversee local government federal-aid project development activities for pedestrian and bicycle facilities, transit, and highway improvements.
- Increase public awareness of pending projects through means such as the online Roadway Project Locator tool and Project Update Newsletter.
- Coordinate review and involvement for local government feedback on NCDOT project designs.
- Coordinate with other agencies (NCDOT, PART) and city departments (Engineering, Engineering & Inspection, Parks & Rec) for project implementation, project planning, and travel modelling.

Priority Work Initiatives

Management & Operations (III-E)

- Administer the MPO planning process including TAC and TCC meeting logistics, agendas and correspondence.
- Administer public involvement activities, including public meetings, outreach efforts, and the BPAC.
- Update Public Participation Plan as needed.
- Conduct staff development and training activities to support MPO planning and administration functions. This includes webinars, classes, and conferences. Conferences will include NCAMPO, NCAPA, NCSITE, NC Bike Summit, NC Transportation Summit, and the Transportation Research Board Annual meeting and others.
- Participate in NCAMPO and maintain membership and involvement in AMPO.
- Participate in statewide and other NCDOT planning and prioritization activities, including STI Workgroup.

FY 2020-2029 MTIP Modification for BGDA Supplemental Funds

ID #	DESCRIPTION	FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
<u>U-6085/M-0433</u>	<u>Various, Supplemental Funding for Geensboro Urban Area MPO Unified Planning Work Program</u>	L	\$95,000	\$125,000	\$50,000	\$50,000	\$50,000	\$50,000
		BGDA	\$380,000	\$500,000	\$200,000	\$200,000	\$200,000	\$200,000

Notes:

Gray shading = prior listings, unshaded = revised listings, strikethrough = deletions, underlined = revisions,

Funding Sources Key:

BGDA: *Surface Transportation Block Grant, Direct Apportionment*

L: *local matching funds*

FTA Task Narrative

1-	MPO Name	Greensboro Urban Area MPO
2-	FTA Code	44.24.00
3-	Task Code	II-A-1
4-	Title of Planning Task	Networks & Support Systems
5-	Task Objective	MPO Staff & GTA will work to implement the Mobility Greensboro 2040 Master Plan including route modifications, on the ground infrastructure, strategic partnerships with businesses, institutions and the community, as well as data collection and management. This includes evaluating ridership and schedule adherence for GTA fixed routes and Heat routes. Also, continue phase 2 of the previously contracted ADA Paratransit Operational Analysis.
6-	Tangible Product Expected	Staff position executing work functions noted above excepting the ADA Operational Analysis. The ADA Operational Analysis of the City's paratransit service will produce summary information and a report.
7-	Expected Completion Date of Product(s)	Jun-22
8-	Previous Work	ADA Paratransit Operational Analysis Phase 1 and Transit Systems Planner staff work
9-	Prior FTA Funds	
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	GDOT - Public Transportation Division, MPO Transportation Planning Staff, and Consultants
12-	HPR - Highway - NCDOT 20%	
13-	HPR - Highway - FHWA 80%	
14-	Section 104 (f) PL Local 20%	
15-	Section 104 (f) PL FHWA 80%	
16-	Section 5303 Local 10%	\$24,415
17-	Section 5303 NCDOT 10%	\$24,415
18-	Section 5303 FTA 80%	\$195,322
19-	Section 5307 Transit - Local 10%	
20-	Section 5307 Transit - NCDOT 10%	
21-	Section 5307 Transit - FTA 80%	
22-	Additional Funds - Local 100%	

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

II-A Data and Planning Support

II-A-I Networks and Support Systems

Network and Support systems relates to data collection, analysis, and the processes used to support transportation planning related to transportation infrastructure and transit operations. *Work under Network and Support Systems will be conducted by MPO staff. This work will include purchase and use of data collection devices, data processing services, analytical software, and data packages as needed. Consultant services will be procured where noted or otherwise as needed.*

II-A-1 includes (but is not limited to):

Traffic Volume Counts

Collect data and purchase software, equipment, and services needed for counting motor vehicle, bicycle, and pedestrian trips.

- Collect data on traffic counts and speeds and bicycle and pedestrian volume counts. Maintain permanent count stations, deploy temporary counters, and purchase equipment and software as needed.
- Assess options for improving count programs and data sources, including options for an expanded bicycle and pedestrian count program. Implement findings as appropriate.
- Collect, process, maintain, and analyze freight information, crash data, socioeconomic data, and environmental data.
- Purchase processed data including real time data services relating to motorized traffic counts, speeds, and origins and destinations; bicycle and pedestrian travel data, and freight data.
- Create, maintain, and update geodatabases to catalog and access multimodal usage data, crash data, and related data sets. Purchase specialized database and analysis software as needed for this task.

Traffic Crashes

Collect data and analyze vehicular, bicycle and pedestrian crashes.

- Process crash data, maintain crash databases, and conduct crash analyses for all travel modes.
- Work with NC Vision Zero and the Vision Zero Greensboro Initiative to mine additional data sources.
- Develop a platform for data and information sharing among relevant agencies and/or public to facilitate further analysis and outreach.

Transit System Data

Support GTA short range planning and analysis needs.

- Restructure GTA's GTFS feed, bring it up to date, and implement protocols for managing it in future.
- Continue Phase 2 of the previously contracted ADA Paratransit Operational Analysis.
- Evaluate ridership and schedule adherence for GTA Fixed Routes and HEAT service.
- Use transit analysis software to evaluate service changes, identify productive route modifications, and plan new transit routes and services.
- Restructure the city's bus stop planning program in three phases to ensure adequate infrastructure for public transportation:
 - 1) planning and analysis – data cleanup and maintenance will enable GTA to accurately prioritize improvements, including ADA updates, shelter construction, and Mobility Hub construction;
 - 2) project management and implementation – to construct new infrastructure in a timely manner the project management process will improve coordination between the many stakeholders involved and elevate public transportation projects with higher priority; and
 - 3) maintenance – to ensure bus stop infrastructure remains adequate and stop level assets are maintained, GTA will procure asset management tools and contract a dedicated sign and stop crew.

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

Bicycle and Pedestrian Facilities Inventory

Collect data and conduct mapping work to maintain the MPO inventory of bicycle and pedestrian facilities. This work helps prioritize sidewalk and bicycle construction and maintenance needs, develop inputs to multi-modal performance measures and support; and guide pedestrian and bicycle improvement planning more generally. Work items include:

- Use sidewalk, greenway, and curb ramp condition data to prepare and update analyses of repair, reconstruction, and modernization needs.
- Maintain and update geodatabases for biped infrastructure including existing facility, planned projects, sidewalk and greenway condition, and curb ramps.
- Collect other transportation infrastructure conditions data as needed.

Central Area Parking Inventory

Develop a City of Greensboro Downtown Parking Plan. The plan will focus on the City Center (within the Downtown Greenway Loop) but will address broader parking policies, practices, and issues as well. Goals include:

- Efficiently manage existing parking facilities & loading zones
- Update enforcement policies and programs & other curb management elements
- Update parking pricing policies
- Improve understanding of data and parking behavior
- Make parking convenient for residents, employees, and visitors.
- Use parking management approaches to support local businesses.
- Update strategies to manage employee and special event parking demand.
- Manage parking to minimize searching and reduce congestion.
- Use parking facilities to enhance multimodal connections & goals
- Highlight relationship of parking management to goals of the comprehensive plan
- Communicate role of parking pricing and enforcement in downtown vitality.
- Create an action with definitive steps for implementation.

II-A-3 Transportation Modeling

Travel Model Updates

Collaborate with regional partners to implement the Regional Model Work Plan.

- PTRM Household Travel Survey: select vendor, kick off project, and conduct year one work plan activities. MPO staff will administer the project in coordination with PART and NCDOT.
- Continue regional freight model development in coordination with PART and NCDOT.
- Conduct other model development and routine maintenance activities.

II-B Planning Process

II-B-1 Targeted Planning

This section includes non-modal specific planning, and focuses on themes across modes. Work will be conducted by staff and will include as needed professional services, data packages, and/or analytical support software and devices as needed. It can include (but is not limited to):

Air Quality Planning/Conformity Analysis

Participate in the statewide interagency consultation process if the need arises.

Congestion Management Strategies

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

Conduct data collection and analysis for performance measures established in the Congestion Management Process. Devise additional performance measures, collect data, and take steps to lay groundwork on next CMP update. This will include staff work and professional services as necessary.

Freight Movement/Mobility Planning

Assess freight issues. Identify freight related transportation needs. Coordinate this needs identification process with the Prioritization 6.0 Process, CMP, and MTP update process.

Land Use

Work with the City Planning Department to implement and refine the *City of Greensboro Comprehensive Plan*. Support ongoing land-use and comprehensive planning activities of local governments and regional agencies throughout the MPO area including through coordinated land-use and transportation planning initiatives.

II-B-2 Regional Planning

This element includes development and administration of the Metropolitan Transportation Plan, the BiPed Plan, Transit Plans, and Transportation Safety Plans. This will include staff work and may include professional services.

Highway Element of the CTP/MTP

Assess roadway needs to identify revisions to the highway element for the 2045 Metropolitan Transportation Plan and Comprehensive Transportation Plan, as well as to identify future candidate projects for NCDOT Prioritization. This may include planning for “Smart Cities” projects and initiatives, including competing for related Federal, State, or private grants. Conduct corridor or spot evaluations or studies as needed.

- Work to implement the 2045 MTP and support the goals it lays out, including goals in common with the Vision Zero Greensboro, the BiPed Plan, Mobility Greensboro 2040, and PLANIT GSO.
- Conduct feasibility, corridor, or area studies as needed.
- Assess infrastructure improvement needs to identify candidate projects for NCDOT Prioritization, High Impact/Low Cost program, MPO DA funding, and/or local funding.
- Assess freight issues and related transportation needs.
- Study emerging trends and their potential impact on the overall transportation system. Trends of interest include shared mobility, micromobility, online shopping impact on local roadways, post-pandemic mobility trends and more.
- Support implementation of MPO safety programs under the priorities of the **Vision Zero Action Plan**.
- Cultivate and maintain partnerships with public health, law enforcement, education, and others on data sharing and implementation. This includes establishment of ongoing consultative structures, such as topical working groups and/or advisory committees
- Implement and coordinate pedestrian and bicycle safety education and enforcement programs such as Watch for Me NC and Safe Route to School in conjunction with area law enforcement agencies.
- Identify and prioritize infrastructure improvement needs, policy changes, and other steps.
- Promote safety initiatives outside of the City of Greensboro in cooperation with Division 7 and area officials.

Transit Element of the CTP/MTP

Work on *Mobility Greensboro 2040 Long Range Public Transportation Plan* implementation. Reassess long range strategies as needed.

- Pursue strategic partnerships with businesses, institutions, and the community.
- Coordinate with traffic engineers and land-use planners about implementation of roadway design, and land-use policies to enact comprehensive improvements to GTA’s system.
- Create presentation materials to facilitate conversations about tradeoffs and decision making.
- Support development of financial strategies to support operations, maintenance, and capital funding, including a long range financial plan in collaboration with GTA.

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

Bicycle and Pedestrian Element of CTP/MTP

Work on BiPed Plan implementation:

- Continue to reevaluate pedestrian recommendations including for sidewalk construction, pedestrian crossing improvements, and maintenance issues.
- Continue to reevaluate bicycle facilities recommendations.
- Work with Parks & Recreation and stakeholder agencies to continue to prioritize and refine greenway recommendations.
- Prepare an amendment to the 2015 BiPed Plan/ 2018 BiPed Amendment as needed to keep project recommendations current and develop proposed scope and timing for the next BiPed Plan Update.
- Coordinate and support bicycle and pedestrian education and promotion, including Bike Month.
- Oversee the Shared Micromobility Services Program. Coordinate with operator, mobility data platform service, and stakeholders for program development, public education, rider safety and permit compliance.
- Oversee the NCDOT SRTS Non-Infrastructure Grant to design, develop, and implement education and encouragement programs for the City.
- Coordination on developing and maintaining greenways of regional significance.
- Provide technical assistance for bicycle and pedestrian planning issues, studies, and initiatives.

II-B-3 Special Studies

Special studies include staff time as well as consultant services. No special studies are anticipated in FY 2021-2022 under II-B-3. Instead, professional services may be retained under other work codes as noted elsewhere in this document.

III-A Unified Planning Work Program

III-A-1: Unified Planning Work Program

Administer the FY 2021-22 UPWP and prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2022-2023 UPWP.

III-A-2: Metrics and Performance Measures

Staff will refine the framework for collecting, analyzing, and publishing data to support performance measures and meet federal performance measure establishment and reporting requirements. Goals include strengthening the data-driven analytical components of the planning process and enhancing understanding of transportation issues in the MPO area. This will overlap with work conducted under item II-A-1 Networks and Support Systems and II-B-1 Target Planning.

- Collect, analyze, and publish data to support performance measures and meet federal performance measure establishment and reporting requirements.
- Report progress on performance targets for PM2 and PM3 as well as transit asset management and transit agency safety plans.
- Update highway and transit safety targets annually.
- Monitor the established CMP.

III-B Transportation Improvement Program

III-B-1 Prioritization

Prioritization process will include staff work and professional services as necessary.

- Implement the MPO Ranking Process for Prioritization 6.0 including public involvement activities. Refine methodology as needed.
- Issue a call for Transportation Alternatives DA projects for FY 21+ and administer TAPDA program including project development activities.

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

- Work with NCDOT and GDOT traffic engineering to conduct detailed evaluation of transportation needs and identification of prioritization candidates. Conduct detailed work on scoping, refining, and documenting the need or likely scope and cost of such projects, including by coordinating with NCDOT on express designs and conducting the local equivalent where appropriate.

III-B-2 Metropolitan TIP (TIP)

- Process amendments to FY 2020-2029 MTIP and ensure consistency with the STIP.
- Maintain and update “current MTIP as amended” / live MTIP posted online after every MPO meeting to keep it up to date
- Manage the MPO’s locally administered federal and state project programs, including agreements and ensuring MTIP consistency. Participate in the NCDOT project development, environmental study, and permitting process for area projects.
- Administer FY 2020-2022 Transit Resource Allocation Plan and develop the FY 2023-2024 update.
- Update Program of Projects annually to administer transit projects.
- Oversee local government federal-aid project development activities for pedestrian and bicycle facilities, transit, and highway improvements.
- Increase public awareness of pending projects through means such as the online Roadway Project Locator tool and Project Update Newsletter.
- Coordinate review and involvement for local government feedback on NCDOT project designs.
- Coordinate with other agencies (NCDOT, PART) and city departments (Engineering, Engineering & Inspection, Parks & Rec) for project implementation, project planning, and travel modelling.

III-B-3 Merger and Project Development

The proposed Metropolitan Transportation Plan (MTP) and selected alternative plans will be evaluated based on criteria established by the goals and objectives reevaluation study and impact on the environment. Staff will also be responsible for coordinating the review and involvement of local government with feedback on NCDOT project designs, project development activities, and federal funding timelines. MPO representatives will participate in NCDOT project development, environmental, and permitting processes as needed.

III-C Civil Rights Compliance/Other Regulatory Requirements

III-C-1 Environmental Justice

Conduct ongoing Environmental Justice analysis and public involvement strategies.

III-C-2 Public Involvement

Continue to provide for an open exchange of information and ideas between the public and transportation policy makers and staff. Conduct public involvement activities for MPO documents and processes (such activities may also be accounted for under their specific task codes). Provide additional support for public education and information campaigns for transportation project information as well as bicycle and pedestrian safety education initiatives (such activities may also be conducted under task code II-B-2). Increase public awareness of pending projects, such as the use of the online Roadway Project Locator tool and the Project Update Newsletter. Reassess and refine the Public Participation Plan as appropriate.

III-D Statewide and Extra-Regional Planning

Regional planning involves cooperation with the other three Triad MPOs, the Piedmont Authority for Regional Transportation, NCDOT, and the Rural Planning Organization. This includes participation in PART and RPO Board Meetings and regional transportation planning working groups and committees. Examples include the Model Team, the Executive Committee, and the Regional Transit Development plan. Statewide planning includes participation in various statewide planning initiatives including the SPOT 6.0 / 7.0 Committee and the activities of the North Carolina Association of Metropolitan Planning Organizations.

FY 2021-2022 UPWP Amendment: Task Descriptions Narrative

III-E Management, Operations, and Program Support Administration

Management and operations includes items such as:

- Administer the MPO planning process including TAC and TCC meeting logistics, agendas and correspondence.
- Administer public involvement activities, including public meetings, outreach efforts, and the BPAC.
- Update Public Participation Plan as needed.
- Conduct staff development and training activities to support MPO planning and administration functions. This includes webinars, classes, and conferences. Conferences will include NCAMPO, NCAPA, NCSITE, NC Bike Summit, NC Transportation Summit, and the Transportation Research Board Annual meeting and others.
- Participate in NCAMPO and maintain membership and involvement in AMPO.
- Participate in statewide and other NCDOT planning and prioritization activities, including STI Workgroup.

Long Range Planning Calendar

	21-22	22-23	24-25	25-26	26-27
<u>Surveillance of Change</u>					
ongoing data collection					
<u>Metropolitan Transp. Plan</u>					
Implement New Regional Travel Demand Model designed for ongoing enhancement & data collection					
Travel Demand Model freight enhancements					
PTRM Household Travel Survey					
Update Bicycle & Pedestrian Plan					
Update CTP, Thoroughfare & Collector Plans					
Develop MTP Update					
Congestion Management Process Update					
Conformity Actions					
<u>Planning Work Program</u>					
ongoing activities					
<u>Update Coordinated Human Services Transportation Plan</u>					
Transp. Improvement Program					
ongoing TIP administration					
administer 2020-2029 TIP					
develop 2024-2033 TIP					
develop 2026-2033 TIP					
<u>Cvl Rgts. Cmp./Otr .Reg. Reqs.</u>					
Environmental Justice analysis & outreach efforts - ongoing					
<u>Incidental Plng./Project Dev.</u>					
ongoing activities					
<u>Management & Operations</u>					
ongoing activities					

Anticipated DBE Contracting Opportunities for 2021-2022

Name of MPO: Greensboro Urban Area MPO _____ Check here if no anticipated DBE opportunities

Person Completing Form: _____

Telephone Number: _____

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
44.24.00	ADA Paratransit Operational Analysis Phase 2	City of Greensboro/Greensboro Transit Agency	Consultant	\$150,000	\$150,000

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
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Note: This form must be submitted to NCDOT-IMD even if no DBE Contracting Opportunities are anticipated. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

Prior Year Accomplishments Report

FROM FY 2020-2021 UNIFIED PLANNING WORK PROGRAM

- Worked on sidewalk condition data processing. Analyzed sidewalk condition index and developed method to prioritize locations for sidewalk repairs.
- Maintained and updated the status of the sidewalk condition index layer and prioritized locations for sidewalk repairs.
- Updated the Atlas Points of Interest database and submitted to NCDOT.
- Updated the Pedestrian and Bicycle Infrastructure Network geodatabase and submitted to NCDOT.
- Ongoing traffic counting and data analysis.
- Ongoing traffic counting and data analysis for motorized and nonmotorized traffic (includes using Streetlight platform).
- Continued to work with Traffic Engineering to maintain the bicycle and pedestrian counting equipment (Eco Counter) in short-term stations.
- Coordinated with ITRE and NCDOT for guidance and support on maintenance of Eco counters.
- Reviewed other counting options.
- Purchase of Streetlight Data.
- Purchase of ArcGIS Insights.
- Vision Zero Greensboro multimodal safety analysis, and coordination with NCDOT and GPD on crash data delivery process updates.
- Crash data analysis to support project identification for roadway, bicycle, pedestrian, and transit.
- Entered data for GIS-based crash analysis database (including bicycle and pedestrian crashes).
- Coordinated with Greensboro Police Department, ITRE and NCDOT to improve crash data integrity.
- Ongoing model team discussions for the Piedmont Triad Regional Model (PTRM), coordinating with model team on PTRM v 5.1 update. Work included model data collection and management for freight and GIS / parcel data as well as model updating for traffic conditions and networks reflecting the updated MTIP projects. Coordinated with model team on PTRM v 5.2 update and release. Work included model data collection and model updating for traffic conditions and networks reflecting the updated MTIP projects.
- Calculated future volumes for requested intersections or corridors.
- PTRM Socioeconomic summary development for TAC review and endorsement.
- PTRM Freight model development and including assisting in getting freight (large and small) to participate in survey.
- Coordinated with PART as well as partner agencies and departments on Piedmont Triad Regional CommunityViz Model preparation. Participated the CommunityViz steering committee and user group meetings to support the development of the model process.
- Coordinate with NCDOT, PART and City Procurement department on PTRM Household Survey project 2022 SPR fund application and RFQ release preparation.
- Attended PART Executive Model Team, model team Meetings and CommunityViz meetings.
- Coordinated GTA's full-service implementation, post-COVID reductions, including a new Route 17 (Lawndale) service. Focused on updating live-tracking and trip planning software by updating the GTFS feed.
- Started developing a transit data cleanup and data maintenance program, beginning with GTA's GTFS.
- Researched and sought a centralized GTFS management tool to improve GTA's data and interface with its numerous applications.
- Re-contracted Transit Boardings Estimation and Simulation Tool (TBEST) Hosting Service and continued using it to collect estimates to inform Prioritization 6.0 scores and to inform budget decisions.
- Planned a new bus stop inventory monitoring stop assets, ADA accessibility and infrastructure condition.
- Began an automated passenger counter (APC) data visualization software pilot with the company HopThru.
- Began planning process for the Piedmont Triad Transportation Demand Management (TDM) team meetings led by PART with Winston-Salem, High Point and Burlington MPOs.

- Outlined updating the Bus Stop Planning Program to include data analysis/planning, project management, and maintenance.

Planning Process

- Completed 2045 MTP update. Approved 2045 Metropolitan Transportation and Comprehensive Transportation Plans
- Initiate 2045 MTP update chapters and analysis.
- Public outreach for 2045 MTP and CTP update including uploading documents to ArcGIS Hub
- Utilizing TBEST ridership estimations to prioritize sequential order of future enhancements for MTP.
- Acquired license for Urbineris, a centralized GTFS management tool to improve GTA's data and interface with numerous applications. Used this tool to create a clean GTFS to support Mobility GSO 2040 priority assessment and a range of other applications.
- Modified 2045 MTP update by making minor document corrections, partly in response to public comments received.
- CMP Update finalize
- Approved 2020 Congestion Management Process Modification putting document in new online story map format and adding additional measures of congestion.
- CTP data preparation, staff coordination, and NCDOT input.
- Vision Zero Greensboro safety analysis and coordination with NCDOT.
- Worked with other departments to update the ADA Transition Plan for the City of Greensboro.
- Continued CTP update to address comments from Transportation Planning Branch.
- Ongoing evaluation of GTA's Mobility Greensboro 2040 plan implementation priorities.
- Began GTA's Business Plan 2021 update, aligning it with Mobility Greensboro 2040 and the MTP.
- Supporting the City's new Comprehensive Plan update effort: working with Planning department and data team to update Comprehensive Plan.
- Participated in first comprehensive Area Planning existing conditions study since the GSO2040 Comp Plan's adoption with Planning, Neighborhood Development, Libraries, Parks and Recreation, and Transportation along the E Gate City corridor.

Administration

- Amendment of FY 2019-2020 and FY 2020-2021 Unified Planning Work Programs.
- Filed fourth quarter invoice and administered the 2019-2020 Unified Planning Work Program.
- Annual MPO self-certification at the May meeting.
- FY 2022 UPWP adoption at the May meeting.
- Launched Vision Zero Greensboro outreach program *What's Your Safe* to the public.
- Worked with UNCG and Greensboro Police on Watch For Me NC.
- Initiated a new permit application period for the shared micromobility service program and coordinated a three-phased review of the permit applications with UNC-Greensboro.
- Proposed ordinance changes related to the operation of electric scooters (e-scooters) and the permit process for the Standup E-Scooter Share pilot program, resulting in a new classification of micromobility vehicles and a Shared micromobility services program.
- Finalized selection of the new operator for the updated shared micromobility services and entered contract to start operations on April 1.
- Deadline for call for Section 5310 projects. Staff reviewed and scored applications for funding, and prepared funding recommendations to TAC. TAC approved project awards at the June Meeting.
- Prepared FY 2021 Program of Projects, conducted public involvement, and adopted at the June Meeting.
- Maintained "Current MTIP" database and MPO webpage reports. With regular updates after each TAC meeting, these provide the reader a current, up to date version of the MTIP.
- Analyzed and finalized allocations of FTA 5307 and 5339 funds to area transit agencies per the Transit Resource Allocation Plan
- 2020-2029 MTIP development, public review, and TAC adoption.
- Maintained "Current MTIP" database and MPO webpage reports. With regular updates after each TAC meeting, these provide the reader a current, up to date version of the MTIP.

- Prepared thirteen sets of MTIP/STIP amendments / administrative modifications.
- Approved 2020 Memorandum of Agreement for Air Quality Conformity.
- Set 2021 Safety Performance Measure Targets.
- Set 2021 Transit Performance Measure Safety Targets.
- Updated the City's Capital Improvement Program with updated transportation projects.
- Actively participating in the design reviews of federally funded sidewalk and roadway projects. Worked with local government to ensure proper progression of project timelines. Evaluated sidewalk requests and timelines for additional pedestrian enhancement projects.
- Conduct monthly meetings with City departments for updates and to coordinate on STBG, STBG-DA, CMAQ, and TAP funded projects
- Held monthly meetings with local staff and NCDOT Division 7 to review status of projects covered by Municipal Agreements.
- Coordinated with City Engineering & Inspections on a new City funded professional services agreement for support in preparation of PCEs and associated documents.
- Coordination on HSIP eligible projects with Regional Traffic Safety Engineer.
- Evaluated and analyzed projects for P6.0; coordination with NCDOT and local jurisdictions.
- Participated in ten general NCDOT project meetings. Also prepared and conducted ten projects coordination meetings with Division 7.
- Worked on PCE documents and consultation forms for U-5532K, U-5532I, U-5532H, U-5532G, EB-5878, EB-5877, EB-6037C, EB-5985, and C-5555E ; coordinated with City Engineering & Inspections on a new City funded professional services agreement for support in preparation of PCEs and associated documents.
- Worked with NCDOT towards approval of contract awards for the STP-DA, CMAQ, TAP & Enhancement funded sidewalks, and on establishing needed supplemental agreements to existing projects. Agreements were modified and/or processed for the following projects: EL-5101DJ, EL-5101DL, C-5555E, EB-5883, EB-5987, U-5883, U-5532E, U-5532F, U-5532G, U-5532I, WBS 49227, EB-5518, EL-5101DM, U-5326, M-0533CE.
- Participating in E Gate City Corridor/Subarea a planning process alongside Planning, Neighborhood Development, Libraries, Parks and Rec and Transportation.
- Participated in Piedmont Legacy Trails Steering Committee to coordinate efforts around regional trail and greenway projects in the Piedmont Triad.
- Helped GTA finalize STI funding arrangements for TD-5279 Depot Renovations agreement.
- Developed project timeline and drafted a RFP for the Digital Divide and Broadband Equity project funded under the HOPE Grant.
- Awarded HOPE Grant funding for Digital Divide and Broadband Equity project to begin in summer of 2021
- CMAQ Analysis for GTA FFY22 Bus Replacement.
- Attended monthly meeting with Park & Rec to review status of greenway and trail projects and program.
- Coordinated with Parks and Recreation to prioritize segments of greenway recommendations from the 2015 Bicycle, Pedestrian, and Greenways Master Plan based on the completion of and connections to the proposed Outer Loop Greenway.
- Actively participated in the review of resurfacing projects to implement new bicycle facilities as part of the Downtown Streetscape Master Plan.
- Evaluated bicycle network improvements as recommended for in the BiPed Plan Update and continued developing implementation plans for short-range network expansion.
- Drafted P6.0 purpose statements.
- Prepared and submitted Identified Needs and Complete Streets for BiPed, Roadway, and other projects for P6.
- Updated Public Participation Plan and sent to public for review.
- Completed public review and adopted 2020 Public Participation Plan.
- Launched Vision Zero Greensboro outreach program *What's Your Safe* to the public.
- Supported preparation and implementation of bike month activities in the MPO area.

Management & Operations

- Prepared for and conducted eight sets of TAC/TCC meeting.

- Prepared, coordinated, and participated in Federal Certification review with FHWA and FTA.
- Prepared MTIP/STIP amendments / administrative modifications.
- All TAC members completed annual filings to the North Carolina State Ethics Committee.
- Limited English Proficiency Plan update.
- Prepared for and conducted three Bicycle and Pedestrian Advisory meetings.
- Redesigned MPO website to improve functionality and accessibility.
- Staff conducted orientation of one new TAC member.
- Interviewing and hiring of roster employees to support MPO Planning work.
- MPO staff attended Triad RPO TCC/TAC meetings.
- Staff development & training.

**RESOLUTION AMENDING THE FY 2021-2022 UNIFIED PLANNING WORK PROGRAM
FOR THE GREENSBORO URBAN AREA**

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution, which upon being put to a vote was duly adopted.

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Greensboro Urban Area Metropolitan Planning Organization; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has been designated as the recipient of USDOT FHWA and FTA Metropolitan Planning Program funds; AND

WHEREAS, the MPO has determined to amend the FY 2021-2022 UPWP as approved on May 12, 2021 to increase funding for the Household Transportation Survey for the Piedmont Triad Regional Travel Demand Model; AND

WHEREAS, the funding increase has been agreed to by NCDOT and is provided for in existing agreements with PART for local matching funds; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has a current self- certification finding and complies with federal requirements; AND

WHEREAS, the Transportation Advisory Committee agrees that the Unified Planning Work Program as amended will effectively advance transportation planning for Fiscal Year 2021-2022;

NOW THEREFORE be it resolved that the Greensboro Urban Area Transportation Advisory Committee hereby amends the Fiscal Year 2021-2022 Unified Planning Work Program and modifies the Fiscal Year 2020-2029 Metropolitan Transportation Improvement Program for the Greensboro Urban Area on this day February 9, 2022

I, Marikay Abuzuaiter, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, February 9, 2022.

Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, February 9, 2022.

Notary Public

My commission expires _____



To: TAC and TCC
From: Tyler Meyer, AICP, Transportation Planning Manager & TCC Chair
Subject: Draft FY 2021-22 Unified Planning Work Program
Date: February 9, 2022

The Unified Planning Work Program (UPWP) will guide MPO planning activities for FY 2022-2023. The UPWP lists the projects, priorities and works tasks the GUAMPO will undertake during the fiscal year using funding provided from Federal, State, and local sources. It reflects the MPO's short-range planning needs and provides details on funding sources, agencies responsible for completing the described work, and the expected products of that work.


The UPWP provides the basis for coordinating metropolitan planning activities in the MPO planning area. The primary objective is to develop an integrated planning program which considers the planning activities of each transportation mode and coordinates these activities to produce a plan that serves the needs of the area. The UPWP is developed using the Metropolitan Transportation Plan (MTP) as the planning guidance document.

Many of the tasks outlined in the UPWP are required by either State or Federal law and are ongoing. At the Federal level, these include the development of the fiscally-constrained MTP, the Transportation Improvement Program (TIP), and implementation of the Congestion Management Process (CMP) and performance-based planning requirements. At the State level, NC General Statute 136-66.2 requires that each MPO develop a Comprehensive Transportation Plan (CTP). The Strategic Transportation Investments Law (Chapter 136 Article 14B) requires each MPO to fulfill a range of important functions in the identification, prioritization, and programming of transportation projects and development of the Transportation Improvement Program.

Funding for transportation planning includes product of Federal, State and local funding sources with the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) providing 80 percent of the funding for local planning. For FHWA funds, the remaining 20 percent is the required match for Federal funds and is provided by local jurisdictions. For FTA funds, the remaining 20 percent is split between local funds and state funds. Local funds are provided by the Lead Planning Agency, the City of Greensboro, except where otherwise noted.

Lead Planning Agency: City of Greensboro Department of Transportation

 PO BOX 3136
GREENSBORO NC 27402-3136

 P 336 373-4368
F 336 412-6171

 WWW.GUAMPO.ORG

FY 2023 UPWP Funding Totals

Funding Source	Federal Funding	Local Match	State Match	Total
FY 23 Funds				
FHWA PL	\$455,900	\$113,975	N/A	\$569,875
FHWA BGDA	\$200,000	\$50,000	N/A	\$250,000
FTA 5303	\$399,081	\$49,885	\$49,885	\$498,851
FY 23 Totals	\$1,054,981	\$213,860	\$49,885	\$1,318,726
FY 22 Carryover Funds				
FHWA BGDA: Downtown Parking Study	\$200,000	\$50,000	N/A	\$250,000
FHWA SPR: Triad Household Travel Survey	\$659,200	\$82,400	\$82,400	\$824,000
Carryover Totals	\$859,200	\$132,400	\$82,400	\$1,074,000
Grand Total	\$1,914,181	\$346,260	\$132,285	\$2,392,726

Amendments

It is anticipated that future amendments to the FY 2023 UPWP may be needed during the course of the year. Amendments may be processed to adjust level of effort between tasks, to respond to emerging priorities, and to adjust overall funding levels when needed.

Agency to Perform Work

Except where otherwise noted, all work will be completed by the Lead Planning Agency, the City of Greensboro Department of Transportation, either in whole or in coordination with MPO member agencies or regional partners.

Recommended Action & Next Steps

- Review the Draft FY 2023 UPWP and provide any comments in February 2022.
- Approve UPWP on March 16, 2022 following annual MPO self-certification.
- NCDOT & FHWA approval will follow.

Enclosures

- Draft FY 23 Work Narrative
- Draft UPWP Administrative Table
- Draft FTA Task Narrative
- MTIP Table for BGDA

Additional Items to be Included in Final UPWP

- Long Range Planning Calendar
- Anticipated DBE opportunities
- Prior Year Accomplishments Report
- Approval Resolution

Draft GUAMPO FY 2022-2023 UPWP Task Narrative

II-A-1 Networks and Support Systems

System Usage Data

- Collect or obtain traffic volumes and speed and bicycle and pedestrian volume data. Maintain permanent count stations, deploy temporary counters, and purchase equipment and software as needed.
- Assess options for improving count programs and data sources, including options for an expanded bicycle and pedestrian count program. Implement findings as appropriate.
- Collect, process, maintain, and analyze freight information, crash data, socioeconomic data, and environmental data.
- Purchase software subscriptions and/or processed data including real time data services relating to motorized traffic counts, speeds, and origins and destinations; bicycle and pedestrian travel; micromobility travel and deployments; and freight data.
- Create, maintain, and update geodatabases to catalog and access multimodal usage data, crash data, and related data sets. Purchase specialized database and analysis software as needed for this task.

Transit Data & Planning Support

- Maintain GTA's GTFS feed, keep it up to date, and implement protocols for managing it effectively.
- Collaborate with GTA to implement its new CAD/AVL software and hardware, aligning the GTFS with the new system.
- Evaluate ridership and schedule adherence for GTA Fixed Routes and HEAT service.
- Use transit analysis software to evaluate service changes, identify productive route modifications, and plan new transit routes and services.
- Restructure the city's bus stop planning program in three phases to ensure adequate infrastructure for public transportation:
 - 1) planning and analysis – data cleanup and maintenance will enable GTA to accurately prioritize improvements, including ADA updates, shelter construction, and Mobility Hub construction. GTA/MPO/Engineering will complete a stop consolidation process to improve stop placement for safety and efficiency
 - 2) project management and implementation – to construct new infrastructure in a timely manner the project management process will improve coordination between the many stakeholders involved and elevate public transportation projects with higher priority; and
 - 3) maintenance – to ensure bus stop infrastructure remains adequate and stop level assets are maintained, GTA will connect its stop assets into the City's EAM system to create work orders and will contract a dedicated sign and stop crew.

Safety Data & Planning Support

- Process crash data, maintain crash databases, and conduct crash analyses for all travel modes.
- Work with NC Vision Zero and the Vision Zero Greensboro Initiative to mine additional data sources.
- Develop a platform for data and information sharing among relevant agencies and/or public to facilitate further analysis and outreach.
- Conduct pedestrian studies as needed.

Infrastructure Data

- Use sidewalk, greenway, and curb ramp condition data to prepare and update analyses of repair, reconstruction, and modernization needs.
 - Produce a sidewalk maintenance needs assessment based on City ADA Transition Plan data.
 - Update greenway maintenance needs assessment as needed.
- Maintain and update geodatabases for biped infrastructure including existing facility, planned projects, sidewalk and greenway condition, and curb ramps.
- Improve internal processes for regularly updating the bicycle and pedestrian network data.
- Collect other transportation infrastructure conditions data as needed.

Draft GUAMPO FY 2022-2023 UPWP Task Narrative

Central Area Parking Inventory

- Continue work begun in FY 2022 to develop a Greensboro Downtown Parking Plan. The plan will focus on the City Center (within the Downtown Greenway Loop) but will address broader parking policies, practices, and issues as well. The plan will facilitate a current understanding of downtown parking demand, stakeholder preference, and options for the future. The plan will support updating policies for parking costs, curb management, enforcement, electrification, multi-modal elements and supply management, including where new parking structures may be needed and where current surface lots may be strategic candidates for conversion to other land uses.

II-A-2 Travelers and Behavior

- PTRM Household Travel Survey: continue work begun in FY 2022 to administer the Household Travel Survey. MPO staff are administering the project in coordination with PART and NCDOT.

II-A-3 Transportation Modeling

- Conduct model development and routine maintenance activities per the *FY 2023 Regional Model Work Plan*.
- Use the model to analyze travel patterns and activity and to prepare traffic forecasts as needed.
- Integrate regional freight model into the workflow in coordination with PART and NCDOT.

II-B-1 Target Planning

- Collect, obtain, and monitor system performance data for the Congestion Management Process.
- Develop FTA mandated plan to guide transition of GTAs fleet to electric vehicles over time.
- Study emerging electric vehicle charging infrastructure needs and facilitate efforts to prepare for and support implementation.
- Assess freight issues and related transportation needs.
- Plan for climate change, resiliency, and natural disaster preparedness. Coordinate with appropriate public safety officials as needed.

II-B-2 Regional Planning

2045 Metropolitan Transportation Plan

- Work to implement the 2045 MTP and support the goals it lays out, including goals in common with the Vision Zero Greensboro, the BiPed Plan, Mobility Greensboro 2040, and PLANIT GSO.
- Study emerging trends and their potential impact on the overall transportation system. Trends of interest include shared mobility, micromobility, online shopping impact on local roadways, post-pandemic mobility trends and more.

Mobility Greensboro 2040 Long Range Public Transportation Plan

- GTA will retain a consultant and initiate work on the Mobility Greensboro 2045 Transit Master Plan. The work will include updating the plans goals and objectives, existing conditions, user and public preferences, route design and redesign options, new service priorities, options for enhancing revenues and funding for transit, and the potential role for mobility hubs, microtransit, and technology to improve transit service delivery and user experience.
- Pursue strategic partnerships with businesses, institutions, and the community.

Draft GUAMPO FY 2022-2023 UPWP Task Narrative

- Coordinate with traffic engineers and land-use planners about implementation of roadway design, and land-use policies to enact comprehensive improvements to GTA's system.
- Create presentation materials to facilitate conversations about tradeoffs and decision making.
- Support development of financial strategies to support operations, maintenance, and capital funding.

Bicycle, Pedestrian, Greenways and Trails Master Plan

- Continue to reevaluate pedestrian recommendations including for sidewalk construction, pedestrian crossing improvements, and maintenance issues.
- Continue to reevaluate bicycle facilities recommendations.
- Work with Parks & Recreation and stakeholder agencies to continue to prioritize and refine greenway recommendations.
- Prepare an amendment to the 2015 BiPed Plan/ 2018 BiPed Amendment as needed to keep project recommendations current.
- Coordinate and support bicycle and pedestrian education and promotion, including Bike Month.
- Oversee the Shared Micromobility Services Program. Coordinate with operator, mobility data platform service, and stakeholders for program development, public education, rider safety and permit compliance.
- Coordination on developing and maintaining greenways of regional significance.
- Provide technical assistance for bicycle and pedestrian planning issues, studies, and initiatives.

Vision Zero Greensboro Action Plan

- Complete an update to the Vision Zero Greensboro Action Plan and incorporate elements to assess crash trends, hot spots, and needs outside the City of Greensboro to the extent the data allows. Include an assessment of options for developing a cleaned and accurate data set for analyzing crashes outside the City.
- Support implementation of MPO safety programs under the priorities of the Action Plan.
- Cultivate and maintain partnerships with public health, law enforcement, education, and others on data sharing and implementation. This includes establishment of ongoing consultative structures, such as topical working groups and/or advisory committees
- Implement and coordinate pedestrian and bicycle safety education and enforcement programs such as Watch for Me NC and Safe Route to School in conjunction with area law enforcement agencies.
- Identify and prioritize infrastructure improvement needs, policy changes, and other steps.
- Promote safety initiatives outside of the City of Greensboro in cooperation with Division 7 and area officials.

III-A-1 Planning Work Program

- Administer the FY 2022-23 UPWP. Prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2023-2024 UPWP.

III-A-2 Metrics and Performance Measures

- Collect, analyze, and publish data to support performance measures and meet federal performance measure establishment and reporting requirements.
- Report progress on performance targets for PM2 and PM3 as well as transit asset management and transit agency safety plans.
- Update highway and transit safety targets annually.
- Monitor the established CMP.

III-B-1 Prioritization

Draft GUAMPO FY 2022-2023 UPWP Task Narrative

- Implementation of the MPO Ranking Process for Prioritization 6.0 was suspended due to TIP cost increases not leaving enough funding for new projects. Instead, NCDOT will implement a process to identify which current STIP projects to retain and which to deprogram to bring the STIP into balance. The MPO will coordinate with NCDOT if project substitution proposals appear warranted and consistent with NCDOT guidelines on the substitution process.
- Work with NCDOT and GDOT traffic engineering to conduct detailed evaluation of transportation needs and identification of prioritization candidates. Conduct detailed work on scoping, refining, and documenting the need or likely scope and cost of such projects, including by coordinating with NCDOT on express designs and conducting the local equivalent where appropriate.
- Assess infrastructure improvement needs to identify candidate projects for NCDOT Prioritization, High Impact/Low Cost program, MPO DA funding, and/or local funding.
- Issue a call for Transportation Alternatives DA projects.

III-B-2 Metropolitan TIP

- Process amendments to FY 2020-2029 MTIP and ensure consistency with the STIP.
- Maintain and update “current MTIP as amended” / live MTIP posted online after every MPO meeting to keep it up to date
- Administer TAPDA program.
- Manage the MPO’s locally administered federal and state project programs, including agreements and ensuring MTIP consistency. Participate in the NCDOT project development, environmental study, and permitting process for area projects.
- Administer FY 2020-2022 Transit Resource Allocation Plan and develop the FY 2023-2024 update.
- Update annual Program of Projects to administer transit projects.
- Oversee local government federal-aid project development activities for pedestrian and bicycle facilities, transit, and highway improvements.
- Coordinate review and involvement for local government feedback on NCDOT project designs.
- Coordinate with other agencies (NCDOT, PART) and city departments (Engineering, Engineering & Inspection, Parks & Rec) for project implementation, project planning, and travel modelling.

III-B-3 Merger/Project Development

- Coordinate the review and involvement of local governments with to provide feedback on NCDOT project designs, project development activities, and federal funding timelines.
- MPO representatives will participate in NCDOT project development, environmental, and permitting processes.

III-C-6 Public Involvement

- Provide for an open exchange of information and ideas between the public and transportation policy makers and staff.
- Conduct public involvement activities for MPO documents and processes.
- Provide support for public education and information campaigns for transportation project information as well as bicycle and pedestrian safety education initiatives.
- Increase public awareness of pending projects, such as the use of the online Roadway Project Locator tool, the Project Update Newsletter, and social media.
- Reassess and refine the Public Participation Plan as appropriate.

Draft GUAMPO FY 2022-2023 UPWP Task Narrative

III-D-1 Statewide & Extra-Regional Planning

- Actively participate in NCAMPO. Attend board meetings, participate in annual conference development session development committee, participate on transit working group, and contribute to development of organizational priorities as well as official requests or comments on behalf of the group.
- Participate in statewide and other NCDOT planning and prioritization activities, including STI Workgroup.

III-E Management, Operations & Program Support

- Administer the MPO planning process including TAC and TCC meeting logistics, agendas and correspondence.
- Administer public involvement activities, including public meetings, outreach efforts, and the BPAC.
- Update Public Participation Plan as needed.
- Conduct staff development and training activities to support MPO planning and administration functions. This includes webinars, classes, and conferences. Conferences will include AMPO, NCAMPO, NCSITE, NC Bike Summit, NC Transportation Summit, Women in Engineering, and the Transportation Research Board Annual meeting and others.
- Maintain membership and involvement in AMPO.
- Participate in statewide and other NCDOT planning and prioritization activities, including STI Workgroup.

DRAFT GUAMPO UPWP FY 2022-2023: Administrative Table 2-9-2022

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning - PL104			BGDA			SPR				Transit Planning - 5303				OVERALL TOTALS				
			Local 20%	Federal 80%	Total 100%	Local 20%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local	State	Federal	Grand Total	
II-A Data and Planning Support																					
44.24.00	II-A-1	Networks and Support Systems	\$ 25,000	\$ 100,000	\$ 125,000									\$ 9,977	\$ 9,977	\$ 99,081	\$ 119,035	\$ 84,977	\$ 9,977	\$ 399,081	\$ 494,035
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.23.02	II-A-3	Transportation Modeling	\$ 17,500	\$ 70,000	\$ 87,500													\$ 17,500	\$ -	\$ 70,000	\$ 87,500
II-B Planning Process																					
44.23.02	II-B-1	Target Planning	\$ 10,000	\$ 40,000	\$ 50,000													\$ 10,000	\$ -	\$ 40,000	\$ 50,000
44.23.01	II-B-2	Regional Planning	\$ 25,000	\$ 100,000	\$ 125,000									\$ 39,908	\$ 39,908	\$ 300,000	\$ 379,816	\$ 64,908	\$ 39,908	\$ 400,000	\$ 504,816
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
III-A Planning Work Program																					
44.21.00	III-A-1	Planning Work Program	\$ 1,250	\$ 5,000	\$ 6,250													\$ 1,250	\$ -	\$ 5,000	\$ 6,250
44.24.00	III-A-2	Metrics and Performance Measures	\$ 2,500	\$ 10,000	\$ 12,500													\$ 2,500	\$ -	\$ 10,000	\$ 12,500
III-B Transp. Improvement Plan																					
44.25.00	III-B-1	Prioritization	\$ 9,750	\$ 39,000	\$ 48,750													\$ 9,750	\$ -	\$ 39,000	\$ 48,750
44.25.00	III-B-2	Metropolitan TIP	\$ 5,000	\$ 20,000	\$ 25,000													\$ 5,000	\$ -	\$ 20,000	\$ 25,000
44.25.00	III-B-3	Merger/Project Development	\$ 1,000	\$ 4,000	\$ 5,000													\$ 1,000	\$ -	\$ 4,000	\$ 5,000
III-C Cvl Rgts. Cmp./Otr .Reg. Reqs.																					
44.27.00	III-C-1	Title VI Compliance	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-2	Environmental Justice	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-4	Planning for the Elderly	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-5	Safety/Drug Control Planning	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
44.27.00	III-C-6	Public Involvement	\$ 2,500	\$ 10,000	\$ 12,500													\$ 2,500	\$ -	\$ 10,000	\$ 12,500
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -	\$ -													\$ -	\$ -	\$ -	\$ -
III-D Statewide & Extra-Regional Planning																					
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 1,250	\$ 5,000	\$ 6,250													\$ 1,250	\$ -	\$ 5,000	\$ 6,250
III-E Management Ops, Program Suppt Admin																					
44.27.00		Management Operations	\$ 13,225	\$ 52,900	\$ 66,125													\$ 13,225	\$ -	\$ 52,900	\$ 66,125
TOTALS:			\$ 113,975	\$ 455,900	\$ 569,875	\$ 50,000	\$ 200,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,885	\$ 49,885	\$ 399,081	\$ 498,851	\$ 213,860	\$ 49,885	\$ 1,054,981	\$ 1,318,726
			Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal		Local	State	Federal	Grand Total	
			PL 104			BGDA			SPR				5303					Totals			

FY22-funded special studies continuing in FY23 (FY22 funds)											
Task Code	Task Description	Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total
II-A-1B	Downtown Parking Plan				\$50,000	\$200,000	\$250,000				
II-A-2	PTRM Household Survey							\$82,400	\$82,400	\$659,200	\$824,000
Totals- FY22-funded studies that will be completed in FY 23					\$50,000	\$200,000	\$250,000	\$0	\$0	\$0	\$0

FTA Task Narrative

1-	MPO Name	Greensboro Urban Area MPO
2-	FTA Code	44.24.00
3-	Task Code	II-A-1
4-	Title of Planning Task	Networks & Support Systems
5-	Task Objective	MPO Staff & GTA will manage and analyze data and study ridership trends on fixed route as well as boardings and alightings by stop to support short term service needs and the bus stop consolidation and improvement program. Work will also include forecasting paratransit ridership.
6-	Tangible Product Expected	Staff positions executing work functions noted above. Software and data purchases as needed to support said work.
7-	Expected Completion Date of Product(s)	Jun-22
8-	Previous Work	MPO Transit Planner and Transit Systems Planner staff work
9-	Prior FTA Funds	
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	GDOT - Public Transportation Division, MPO Transportation Planning Staff, and Consultants
12-	HPR - Highway - NCDOT 20%	
13-	HPR - Highway - FHWA 80%	
14-	Section 104 (f) PL Local 20%	
15-	Section 104 (f) PL FHWA 80%	
16-	Section 5303 Local 10%	\$9,977
17-	Section 5303 NCDOT 10%	\$9,977
18-	Section 5303 FTA 80%	\$99,081
19-	Section 5307 Transit - Local 10%	
20-	Section 5307 Transit - NCDOT 10%	
21-	Section 5307 Transit - FTA 80%	
22-	Additional Funds - Local 100%	

MPO Name	Greensboro Urban Area MPO
FTA Code	44.23.01
Task Code	II-B-2
Title of Planning Task	Regional Planning
Task Objective	GTA will retain a consultant and initiate work on the Mobility Greensboro 2045 Transit Master Plan. The work will include updating the plans goals and objectives, existing conditions, user and public preferences, route design and redesign options, new service priorities, options for enhancing revenues and funding for transit, and the potential role for mobility hubs, microtransit, and technology to improve transit service delivery and user experience.
Tangible Product Expected	Technical memoranda on existing conditions, route design, new service prioritization, revenue enhancement strategy, and public involvement documentation. Final report will be completed in FY 24.
Expected Completion Date of Product(s)	Jun-22
Previous Work	Mobility Greensboro 2040 implementation including service enhancements, GTFS & other data clean up, and development of a new bus shelter implementation work
Prior FTA Funds	
Relationship To Other Activities	
Agency Responsible for Task Completion	GDOT - Public Transportation Division, MPO Transportation Planning Staff, and Consultants
HPR - Highway - NCDOT 20%	
HPR - Highway - FHWA 80%	
Section 104 (f) PL Local 20%	
Section 104 (f) PL FHWA 80%	
Section 5303 Local 10%	\$39,908
Section 5303 NCDOT 10%	\$39,908
Section 5303 FTA 80%	\$300,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

FY 2020-2029 MTIP Listing for BGDA Supplemental Funds

U- 6085/M- 0433	Various, Supplemental Funding for Geensboro Urban Area MPO Unified Planning Work Program	L	\$95,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
		BGDA	\$380,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Notes:

Gray shading = prior listings, unshaded = revised listings, strikethrough = deletions, underlined = revisions,

Funding Sources Key:

BGDA: *Surface Transportation Block Grant, Direct Apportionment*

L: *local matching funds*



NC CLEAN ENERGY TECHNOLOGY CENTER

Advancing Clean Energy for a Sustainable Economy

NC Clean Energy Technology Center is Exploring Creating a Clean Cities Coalition for Unrepresented Regions of North Carolina



What are Clean Cities Coalitions?

The Clean Cities Coalitions were originally created by the U.S. Department of Energy in order to reduce reliance on petroleum products and improve air quality. Clean Cities coalitions do this by convening partnerships of public and private stakeholders to share information and resources regarding alternative fuels and advanced vehicle technologies that reduce fuel use and related air pollution.

Why is there a need for a fourth Clean Cities Coalition in North Carolina?

Large swaths of North Carolina are currently unrepresented by Clean Cities Coalitions. These areas have less access to the support services offered by Clean Cities Coalitions. North Carolina (NC) has three Clean Cities Coalitions, represented by three Regional Councils of Governments, representing 44% of NC's population, around the Asheville, Charlotte, and Raleigh-Durham metro areas. The North Carolina Clean Energy Technology Center (NCCETC) is seeking partners to form an additional Clean Cities Coalition to provide alternative fuel initiatives to rural and underserved communities in the Eastern, Northeastern, and Central regions and will reach an additional 45% of North Carolina's population.

Background on the NC Clean Energy Technology Center

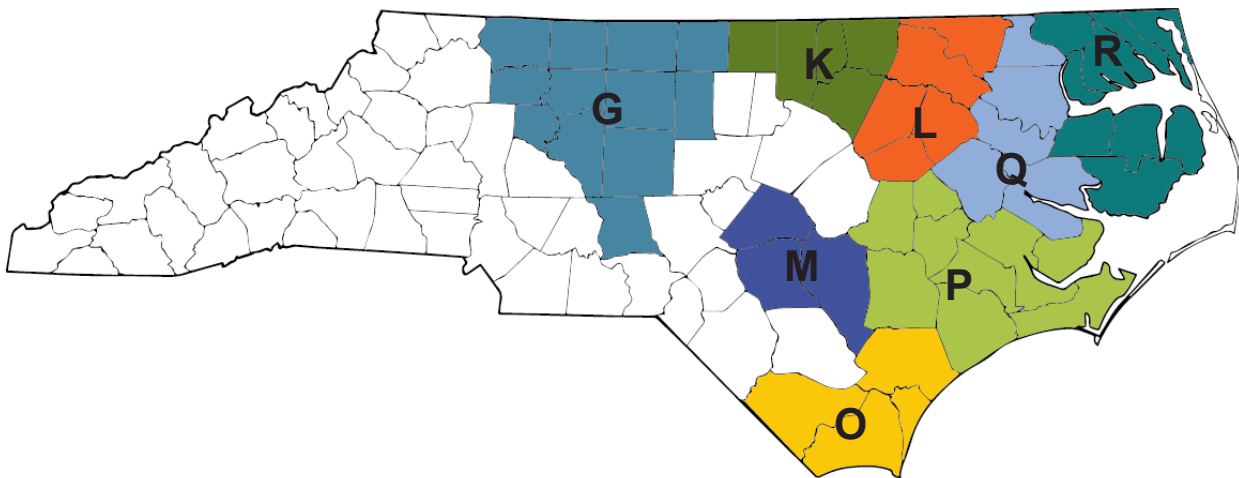
The NC Clean Energy Technology Center is located on North Carolina State University's (NCSU) campus in the College of Engineering, and is one of two land-grant universities in North Carolina. NCSU's Cooperative Extension offices operate in all 100 counties in North Carolina, providing resources and training to the public on topics such as agriculture and natural resource management. NCCETC's mission is to advance a sustainable energy economy by educating, demonstrating, and providing support for clean energy technologies, practices, and policies. NCCETC has over 30 years of experience in forming partnerships and providing technical assistance with industries, academia, governments, profit, and nonprofit organizations. NCCETC already manages education and outreach activities related to clean transportation, such as the annual Sustainable Fleet Technology Conference & Expo, alternative fuel vehicle demonstrations and ride and drives, and online webinars on topics related to sustainable fleet management.



How can my organization be involved?

By joining our coalition as a stakeholder, you will be supporting the clean fleets, alternative fuels, and sustainable transportation across North Carolina. As a fleet, you have access to resources that will provide guidance on ways that you can improve the efficiency and sustainability of your vehicles. As a manufacturer or trade organization, you will have access to a network of partners and organizations that are expanding their infrastructure and fleets. Our staff can also provide assistance by providing advice on available technologies and available grant funds that can be applied for to help offset the costs of installing new technologies. There will be quarterly stakeholder meetings that you can attend in person or virtually to learn more about these technologies and network with others in your region who are also working to improve the sustainability of their vehicle fleets.

Eastern and Central Clean Fuels Coalition Coverage Areas



REGION G
Alamance, Caswell, Davidson, Guilford, Montgomery, Randolph, Rockingham, Davie, Forsyth, Stokes, Surry and Yadkin

REGION K
Franklin, Granville, Person, Vance and Warren

REGION L
Edgecombe, Halifax, Nash, Northampton and Wilson

REGION M
Cumberland, Harnett and Sampson

REGION O
Brunswick, Columbus, New Hanover and Pender

REGION P
Carteret, Craven, Duplin, Greene, Jones, Lenoir, Onslow, Pamlico and Wayne

REGION Q
Beaufort, Bertie, Hertford, Martin and Pitt

REGION R
Camden, Chowan, Currituck, Dare, Gates, Hyde, Pasquotank, Perquimans, Tyrrell and Washington



February 9, 2022

North Carolina State University
North Carolina Clean Energy Technology
Center Campus Box 7409
Raleigh, NC 27695

RE: Support for a new Eastern and Central NC Clean Fuels Coalition

To whom it may concern:

We, the undersigned, are writing in support of the formation of an additional Clean Cities Coalitions in North Carolina, serving currently unserved regions in eastern, northeastern and central North Carolina. Our organizations are joining as stakeholders of the Eastern and Central North Carolina Clean Fuels Coalition, led by the NC Clean Energy Technology Center (NCCETC), part of the College of Engineering at NC State University.

The NC Clean Energy Technology Center is uniquely situated to lead a new Clean Cities coalition. NCCETC is recognized as one of the premier providers of technical assistance and education on the topic of clean transportation technologies in the Southeast. The Sustainable Fleet Technology conference and webinar series has provided in-depth information on topics related to sustainable transportation and convened industry experts, fleet managers, and other decision-makers to share information on best practices in sustainable fleet management. As part of NC State University, NCCETC is also able to leverage the resources of the university, including the extension offices located in every North Carolina county.

The NC Clean Energy Technology Center has administered the Clean Fuels Advanced Technology (CFAT) grant since 2006. The purpose of the project is to reduce transportation related emissions in NC that cause air quality concerns. Using these funds, NCCETC has organized trainings and other educational efforts around alternative fuels, as well as providing grants for the purchase of clean transportation technologies. As of 2020, this project has awarded over \$11.9 M in federal funding to private and public fleets throughout the state, and helped them purchase technologies to improve NC air quality. NCCETC has partnered with the Piedmont Triad Regional Council, Kerr Tar Council of Governments, and the Upper Coastal Plains Council of Governments to provide trainings in their regions on alternative fuels and clean transportation technologies.

North Carolina currently has three Clean Cities Coalitions, representing 44% of NC's population, around the Asheville, Charlotte, and Raleigh-Durham metropolitan areas. The creation of a fourth coalition, representing the eastern and northeastern counties of the state and the central Piedmont Triad region, would greatly increase the percentage of the population represented by a Clean Cities coalition and increase the number of rural and historically underrepresented counties served by a Clean Cities coalition. Currently 79 of North Carolina's 100 counties are not represented. Representation through a Clean Cities coalition is imperative for applying for certain federal funds. Clean Cities coalitions also provide valuable educational opportunities to certain federal funds.

Lead Planning Agency: City of Greensboro Department of Transportation

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Clean Cities coalitions also provide valuable educational opportunities to stakeholders in their regions through technical assistance, trainings, and workshops. Expanding the geographic areas represented by a Clean Cities coalition in North Carolina will help to reduce the state's dependence on foreign oil, reduce transportation related emissions, and improve public health.

Therefore, we believe the Eastern and Central North Carolina Clean Fuels Coalition will benefit rural and underserved communities within the central, eastern, and northeastern regions of North Carolina and we look forward to working together with the NC Clean Energy Technology Center as a stakeholder in a new coalition to reduce transportation emissions, improve resilience in the face of climate change, and improve the sustainability of our transportation system.

Sincerely,

Chair, Transportation Advisory Committee

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907CE 47938.1.1 47938.3.1	Install severe duty impact attenuators at four locations on multiple routes in Guilford County: I-73 NB at Exit 2 (Friendly Avenue), I-73 SB at Exit 1 (I-40 WB), I-73 SB at Exit 97A (US 29/US 70), I-85 SB at Exit 121 (I-73 NB) in Greensboro	4/19/21	Feb. 2022	\$145,000	Construction underway	Bobby Norris
SS-4907CO 48784.3.1	Install severe duty impact attenuator on I-85 North at Exit 126 A-B collector ramp to US 421 South in Greensboro	4/20/21	Feb. 2022	\$35,000	Construction underway	Bobby Norris
I-5964 45914.1.1 45914.2.1 45914.3.1	Interchange improvements at I-40/Business 85/US29/US70/US220 and Elm-Eugene Street in Greensboro	5/6/22	FY 2024	\$600,000	Final plans complete, ROW certified 1/17/19, Re-Let 11/4/21 - Bids rejected from the 11/4/21 letting - Re-advertisement being considered for a future let date	Brian Ketner
SS-6007S 49558.1.1 49558.3.1	Warning sign revisions, pavement marking and delineator installations, directional signing upgrades and sign distance improvements at SR 2254 (Wendover Avenue) from 1591 feet southwest of Market Street to 858 feet northeast of Market Street in Greensboro.	6/13/21	12/31/21	\$49,950	Planning activities underway. Construction pending material arrivals. City to coordinate press release. Sign work only remaining.	Dawn McPherson
SS-4907CL 48630.3.1	Traffic Signal revisions at the following locations: US 70 (Wendover Avenue) at Gatewood Avenue; SR 3163 (Market Street) at English Street; SR 4240 (Gate City Boulevard) at Willow Road; SR 1007 (Randleman Rd) at W Elmsley Dr/Nestleway Drive; SR 1007 (Randleman Rd) at Glendale Drive; SR 1007 (Randleman Rd) at Vandalia Road; US 220 (Battleground Avenue) at Cornwallis Drive; and SR 1008 (Market Street) at Holden Road in Greensboro	7/1/21	Apr. 2022	\$67,500	Funds approved 3/7/19 and released, Agreement executed for construction by City of Greensboro. Construction underway.	Dawn McPherson
SS-4907CM 48631.3.1	Traffic Signal revisions at the following locations: US 220 (Battleground Avenue) at Green Valley Road/Pembroke Road; US 70 (Wendover Avenue) at Elwell Avenue; SR 2526 (Summit Avenue) at Sixteenth Street; SR 3841 (Market Street) at Edgeworth Street; US 220 (Battleground Avenue) at Edney Ridge Road; US 220 (Battleground Avenue) at Markland Drive; and US 29 at E. Cone Boulevard in Greensboro	7/1/21	Apr. 2022	\$200,700	Funds approved 3/7/19 and released, Agreement executed for construction by City of Greensboro. Construction underway.	Dawn McPherson

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-6007AB 49703.3.1 49703.1.1	Installation of guardrail on US 70/US 220 (Wendover Avenue) between SR 2523 (Yanceyville Street) and Cypress Street.	12/31/21	3/31/22	\$90,000	Construction schedule pending	Bobby Norris
Y-4807B 40325.2.59 40325.3.59	Pine Street RR crossing closure and Lowdermilk St./ Sykes Ave. realignment in Greensboro	9/15/22	FY2025	\$2,550,000	Planning and design activities underway, COG acquiring ROW - complete	Kumar Trivedi
U-5754 54034.1.1 54034.3.1	US 29 / US 70 / US 220 (O'Henry Blvd.) from I-40 / Business 85 to south of Florida St in Greensboro. Add lane on I-40/Business 85 EB Ramp onto NB US 29/US 70/US 220 and extend US 29/US 70/US 220 SB Ramp onto SR 3762 (Martin Luther King, Jr. Drive) in Greensboro	11/16/21	FY2023	\$3,650,000	Project awarded, contract execution in progress	Laura Sutton
SS-6007X 49707.1.1 49707.3.1	All-way stop and overhead flashers to be installed on NC 62 at SR 1005 (Alamance Church Road) and on SR 1113 (Kivett Drive) at SR 1129 (Groometown Road).	1/3/22	6/30/22	\$60,300	Planning and design activities underway - Final Inspection Completed 11/23/21	Dawn McPherson
SM-5707G 48907.1.1 48907.2.1 48907.3.1	Installation of left and right turn lanes on SR 2526 (Summit Avenue) at SR 2565 (Hicone Road) in Greensboro	5/4/23 Apr. 2022	Nov. 2023 Oct. 2022	\$385,000	Funds approved 9/5/19 and released 6/23/20 - Design work to begin pending approval	Chad Reimakoski
SS-4907CI 48304.1.1 48304.3.1	Directional crossover construction on US 29 at Lakeview Memorial Park Cemetery Entrance in Greensboro	8/4/22 Apr. 2022	July 2023 Oct. 2022	\$300,000	Funds approved and released 12/6/18 - Design underway	Chad Reimakoski
48919	Realign lanes on eastbound SR 2254 (West Wendover Ave) at Holden Rd (non-system) to create an acceleration lane in Greensboro	5/2/22 Jan. 2022	Dec. 2022 Jun. 2022	\$150,000	Funds approved 9/5/19 and released 6/23/20 - Planning and design activities underway	Dawn McPherson
48916	Realign intersection to improve turning radius on the north side of NC-61 / NC-100 (Main St) and NC-61 (N Wharton Ave) in Gibsonville	6/15/2023 6/16/2022	Jan. 2024 Jan. 2023	\$610,000	Funds approved 9/5/19 and released 6/23/20 - Design underway	Chad Reimakoski
U-6019 47164.1.1 47164.2.1 47164.3.1	Construct turn lanes and sidewalks at the intersection of SR 2334 (Air Harbor Road) and SR 2347 (Lake Brandt Road) in Greensboro	3/17/22	FY2024	\$875,000	Final design underway, ROW acquisition is complete	Rob Weisz

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
49598	Reconfigure SR 2254 (Wendover Ave.) on/off ramp intersection at Westover Terrace (non-system) and add traffic signal	8/9/21	12/31/21	\$450,000	Construction Completed	Chad Reimakoski
B-5717 45673.1.1 45673.2.1 45673.3.1	Replace bridges #109 and #121 over South Buffalo Creek in Greensboro on SR 4240 (East Lee Street)	6/21/22	FY 2025	\$7,100,000	Planning and Design activities underway; ROW underway	Kevin Fischer
SS-6007I 49119.1.1 49119.3.1	Traffic signal revisions at the intersection of SR 1115 (Rehobeth Church Road) and West Vandalia Road in Greensboro	7/29/22	FY2023	\$4,500	Funds approved 3/5/20 and released 6/23/20, Agreement pending for construction by City of Greensboro	Dawn McPherson
SS-6007K 49263.1.1 49263.3.1	Traffic signal revisions at intersection of SR 4121 (Gate City Boulevard) and Patterson Street in Greensboro . Install FYA heads on both approaches of SR 4121 and for the southbound Patterson Avenue approach to the intersection. Lengthen mast arm #17 for improved lateral positioning for the recommended FYA for the southbound Patterson Avenue approach.	7/29/22	FY2023	\$9,900	Funds approved 3/5/20 and released 6/23/20, Agreement pending for construction by City of Greensboro	Dawn McPherson
SS-6007L 49829.2.1 49829.3.1	Traffic signal installation and pedestrian accommodations at the intersection of SR 4240 (W Gate City Boulevard) at Fulton Street in Greensboro	10/28/22 Jun. 2022	FY2024 FY2023	\$81,000	Funds approved 6/4/20 but not released. Agreement pending for construction by City of Greensboro	Dawn McPherson
U-5841 50232.1.1 50232.2.1 50232.3.1	Widen Lindell Road (SR 2254 Wendover Ave. Off Ramp) and Friendly Avenue to accept dual left turn lanes in Greensboro	3/17/22	FY2024	\$1,500,000	Final design underway, ROW certified 2/4/20, advertised, bids rejected, additional let pending	Brian Ketner
R-5725 50474.1.1 50474.2.1 50474.3.1	Intersection improvements on NC68 from NC150 to SR 2129 (Fogelman Rd.) in Oak Ridge . Improvements consist of access management and safety enhancements.	9/20/22	FY2025	\$6,000,000	Planning and design activities underway, Public meeting held 3/5/19 - ROW underway	Brian Ketner

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
W-5807A 48952.1.2 48952.2.2 48952.3.2	Intersection improvements at SR 2526 (Summit Ave.) and Eastbound US 220 (Wendover Ave.) ramps in Greensboro .	Jul. 2023 10/22/2022	FY2025 FY2024	\$280,000	Funding approved, design underway	Chad Reimakoski
U-6016 47161.1.1 47161.2.1 47161.3.1	Intersection improvements at SR 2124 (Lewiston Road) and SR2136 (Fleming Road) in Greensboro	11/17/22	FY 2024	\$1,300,000	Planning and design activities underway	Chad Reimakoski
P-5709 46920.1.1 46920.2.1 46920.3.1	Construct grade separation at Franklin Boulevard and NSRR H line in Greensboro	4/16/24	FY2026	\$12,375,000	Planning and design activities underway	Brad Smythe
U-5812 54040.1.1 54040.2.1 54040.3.1	Intersection improvements at Pisgah Church Rd. and Lawndale Ave., at Lawndale Ave. and Martinsville Rd., and at Martinsville Rd. and Pisgah Church Road in Greensboro	3/30/24 3/30/23	FY2026 FY2025	\$750,000	Planning and design activities underway, Project transferred to City of Greensboro (LAP), PE move forward list 11/24/20	Donnie Huffines
I-5955 45908.1.1 45908.3.1	Pavement Rehabilitation on I-40 from east of Freeman Mill Rd to east of SR 3037/ SR 4240 (Gate City Boulevard) in Greensboro	8/16/22	FY2025	\$12,855,000	PE funding approved 10/10/17, Planning and design activities underway	Chad Reimakoski
U-4015A 35013.1.4 35013.2.4 35013.3.4	Widen SR 1556 (Gallimore Dairy Road) to multilanes from NC 68 to Airpark East in Greensboro	5/16/23	FY2025	\$6,600,000	Planning and design activities underway, Coordinate with U-5974, ROW underway	Brian Ketner
U-6008 47143.1.1 47143.2.1 47143.3.1	Interchange improvements at SR 2085 (Bryan Boulevard) and New Garden Road in Greensboro . Improvements include new ramp from Westbound New Garden Road to Westbound SR 2085 (Bryan Boulevard)	2/1/29	FY2032	\$2,250,000	Planning and design activities underway, Public meeting held 6/6/19 - The City of Greensboro and the Division have agreed on delaying the project until further analysis is completed	Rob Weisz
U-4758 40251.2.1 40251.3.1	Improvements to Johnson Street/Sandy Ridge Road from SR 1820 (Skeet Club Road) to south of I-40 in High Point	12/19/23	FY2026	\$45,700,000	Planning and Design activities underway, Public meeting 8/14/18 - Preliminary ROW work underway	Laura Sutton

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
BR-0078 67078.1.1 67078.2.1 67078.3.1	Replace bridges #292 and #467 on Wendover Avenue over Battleground Avenue	1/16/24	FY2026	\$21,500,000	Planning and Design activities underway	Kevin Fischer
U-5852 50241.1.1 50241.2.1 50241.3.1	Widening on SR 2085 (Benjamin Parkway/Bryan Boulevard) from SR 2254 (Wendover Ave.) to Holden Road in Greensboro .	1/16/24	FY2026	\$12,458,000	Planning and design activities underway	Laura Sutton
U-5842 54042.1.1 54042.2.1 54042.3.FD1	Intersection improvements at Pisgah Church Rd. and North Elm Street in Greensboro	3/30/24	FY2026	\$750,000	Planning and design activities underway, Project transferred to City of Greensboro (LAP)	Donnie Huffines
R-5823 47095.1.1 47095.2.1 47098.3.1	Widening of NC 65/NC 68 from NC65 in Stokesdale (Southernmost intersection) to US 220/ Future I-73 in Guilford/ Rockingham Co.	5/21/24	FY2026	\$17,000,000	Planning and design activities underway, Coordinate with R-2577C	Brian Ketner
U-5850 50239.1.1 50239.2.1 50239.3.1	Widen SR 1007 (Randleman Road) to multilanes from Glendale Drive to Elmsley Drive in Greensboro	7/16/24	FY2026	\$2,400,000	Planning and design activities underway	Brian Ketner
U-5892 44673.1.1 44673.2.1 44673.3.1	Add lanes on US 220 (Battleground Ave.) from Westridge Road to Cotswold Avenue in Greensboro	12/16/25	FY2028	\$18,173,000	Planning and design activities underway	Brian Ketner
B-5713 45669.1.1 45669.2.1 45669.3.1	Replace Bridge 352 over I-40/I-85 Business on Willow Road (Non-System) in Greensboro	1/20/26	FY2027	\$3,318,000	Planning and design activities underway, Coordinate with B-5718	Kevin Fisher
I-5712 50126.1.FS1 50126.2.1 50126.3.1	I-40/US 421 at the intersection of SR 1850 (Sandy Ridge Road) interchange in Greensboro Raleigh Eastbound and Westbound Ramps, Construct Loop Ramps in Northeast and Southwest Quadrants, and Widen SR 1850 through Interchange	12/15/26	FY 2027	\$14,500,000	Planning and design activities underway, Coordinate with U-4758 and U-6045	Laura Sutton

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
B-5356 46070.3.FS1	Replace Bridge #299 over South Buffalo Creek on I-40 in Greensboro	10/19/27	FY2030	\$11,700,000	Planning and design activities underway, Coordinate with I-5965	Kevin Fisher
B-5718 45674.1.1 45674.2.1 45674.3.1	Replace Bridge #329 over I-40/I-85 Business/US 29/US 70 US 220 on Patton Avenue (Non-System) in Greensboro	10/19/27	FY2030	\$3,350,000	Planning and design activities underway, Coordinate with B-5713	Kevin Fisher
U-5974 45962.1.1 45962.2.1 45962.3.1	Upgrade NC 68 to Superstreet from SR 1523 (Hickwood Road) to SR 1556 (Gallimore Dairy Road) in High Point	7/18/28	FY2030	\$48,100,000	Planning and design activities underway, Coordinate with U-4015A	Brian Ketner
R-5889 48394.1.1 48394.2.1 48394.3.1	US 29 (Future I-785) from SR 2565 (Hicone Rd) in Greensboro to US 158 / NC 14 in Reidsville . Upgrade corridor to Interstate Standards	8/15/28	FY2032	\$190,700,000	PE funds approved 11/13/18, NTP scheduled 9/20/21, Includes U-5898 (NC 150 Interchange)	Laura Sutton
I-5735 52017.1.1 52017.3.1	Pavement Rehabilitation on I-73 from Randolph county line to I-85 US 421 in Greensboro	9/19/28	FY2030	\$5,316,000	PE funds approved 10/10/17	Chad Reimakoski
U-5851 50240.1.1 50240.2.1 50240.3.1	Widening of SR 1001 (Church Street) from US 220 (Wendover Avenue) to East Cone Boulevard in Greensboro	1/1/40	Post Years	\$12,312,000	Planning and design activities underway	Laura Sutton
I-6004 47958.1.1 47958.2.1 47958.3.1	Upgrade interchange at I-40/I-85 and SR 3056 (Rock Creek Dairy Road) in Guilford Co.	1/1/40	Post years	\$10,900,000	PE funds approved 6/5/18, NTP scheduled 3/21/23	Chad Reimakoski
I-5965 45195.1.1 45195.2.1 45195.3.1	Improvements to I-40 / Business 85 / US29 / US70 / US220 from SR 1398 (Freeman Mill Road) to US29 / US70 / US220 in Greensboro . Add lanes, improve SR 1007(Randleman Road) and Elm-Eugene Street interchanges and replace Norfolk-Southern Railroad Bridge overpass east of Elm-Eugene Street	1/1/40	Post years	\$103,437,000	Planning and design activities underway	Laura Sutton
U-6045 54040.1.1 54040.2.1 54040.3.1	Roadway improvements (widen to multi-lanes)on SR 1850 (Sandy Ridge Rd.) from I-40 to SR 1008 (West Market Street) in Greensboro	1/1/40	Post years	\$13,661,000	Planning and design activities underway, Coordinate with I-5712 (Public meeting 5/21/19)	Laura Sutton

NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
U-6100 48133.11 48133.2.1 48133.3.1	Access management improvements and safety enhancements, including ramp closures and consolidations on US 29 / US 70 / US 220 from SR 4240 (Gate City Boulevard) to south of I-785 in Greensboro	1/1/40	Post years	\$102,500,000	PE funds approved 6/5/18, State EA/FONSI scheduled 8/18/27	Brian Ketner
R-2577C 37405.1.1	US158 from North of SR2034 (Anthony Road) to US220 in Stokesdale	Post years	Post years	\$30,200,000	Planning and environmental studies underway, Coordinate with R-5823	Laura Sutton

North Carolina Department of Transportation
Active Projects Under Construction - Guilford Co.

1/24/2022

Contract Number	TIP Number	Location Description	Contractor Name	Resident Engineer	Contract Bid Amount	Availability Date	Completion Date	Work Start Date	Estimated Completion Date	Progress Schedule Percent	Completion Percent
C203256	U-3615B	SR-1820 (SKEET CLUB RD) FROM EAST OF SR-1818 (JOHNSON ST) TO WEST OF NC-68 (EASTCHESTER DR) IN HIGH POINT.	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Hayes, PE, Meredith	\$30,898,017.15	3/2/2015	3/29/2019	5/20/2015	4/30/2022	99.8	99.8
C203433	I-5110 I-5110A R-2413A	FUTURE I-73 FROM EXISTING SR-2085 (JOSEPH M BRYAN BLVD) / AIRPORT PKWY INTERCHANGE TO SOUTH OF US-220 NEAR HAW RIVER.	FLATIRON CONSTRUCTORS INC - BLYTHE DEVELOPMENT CO JOINT VENT	Smith, Brian V	\$176,550,000.00	5/7/2014	4/25/2017	5/7/2014	4/30/2022	100	99.8
C204071	U-5169	I-74/US-311 AND NC-68 (EASTCHESTER DR) INTERCHANGE IMPROVEMENTS.	BRANCH CIVIL INC	Snell, PE, William H	\$22,481,354.65	7/30/2018	1/28/2021	9/14/2018	1/31/2022	100	92.27
C204096	U-2525C	GREENSBORO EASTERN LOOP FROM US-29 NORTH OF GREENSBORO TO SR-2303 (LAWNDALE DR).	ES WAGNER COMPANY LLC/SMITH-ROWE LL	Julian, Jason R	\$120,471,182.82	4/30/2018	11/20/2022	5/7/2018	7/14/2023	78.82	78.43
C204100	B-5351	REPLACE BRIDGE #237 AND #242 OVER DEEP RIVER ON US-29/US-70/I-85 BUS IN HIGH POINT.	SMITH-ROWE, LLC	Snell, PE, William H	\$8,026,687.83	7/30/2018	3/14/2021	8/1/2018	2/28/2022	100	98.05
C204103	U-2412A	SR-1486/SR-4121 (GREENSBORO/HIGH POINT RD) FROM US-311 BYPASS TO WEST OF SR-1480 (VICKREY CHAPEL RD).	BRANCH CIVIL INC	Lorenz, PE, Kris	\$55,963,119.69	7/30/2018	12/28/2021	9/12/2018	10/20/2023	89.3	85.22
C204371	U-2581BA	US-70 (BURLINGTON RD) FROM WEST OF SR-3045 (MT HOPE CHURCH RD) /SR-2819 (MCLEANSVILLE RD) TO EAST OF SR-2826 (BIRCH CREEK RD)	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Snell, PE, William H	\$11,125,538.10	7/1/2020	4/30/2022	7/1/2020	4/30/2022	99	80.59
C204465		RESURFACE 1 SECTION OF US 29 AND 21 SECTIONS OF RAMPS AND LOOPS FOR US 29	BLYTHE CONSTRUCTION, INC	Lorenz, PE, Kris	\$3,884,488.85	4/1/2021	7/1/2022	7/9/2021	2/28/2022	100	99.98
C204499	R-4707	INTERCHANGE OF US 29 AND SR 4771 (REEDY FORK PARKWAY)	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Hayes, PE, Meredith	\$46,382,713.04	6/2/2021	10/28/2024	6/7/2021	10/28/2024	21	11.03
C204626		RESURFACE 1 SECTION OF NC 87, 1 SECTION OF NC 49 AND 21 SECTIONS OF SECONDARY ROADS	FSC II LLC DBA FRED SMITH COMPANY	Lorenz, PE, Kris	\$4,639,570.37	6/3/2021	11/1/2022	6/28/2021	11/1/2022	23.5	15.23
DG00462		REHAB. BRIDGES 264, 288, 260, 543 IN GUILFORD COUNTY AND BRIDGE 031 IN ORANGE COUNTY	ELITE INDUSTRIAL PAINTING INC	Snell, PE, William H	\$967,383.15	8/1/2019	1/1/2020	9/13/2021	2/14/2022	100	67.49

North Carolina Department of Transportation
Active Projects Under Construction - Guilford Co.

1/24/2022

Contract Number	TIP Number	Location Description	Contractor Name	Resident Engineer	Contract Bid Amount	Availability Date	Completion Date	Work Start Date	Estimated Completion Date	Progress Schedule Percent	Completion Percent
DG00480	U-2412B(L)	LANDSCAPE PLANTING ALONG GATE CITY BLVD FROM SR 4121 (EAST MAIN ST) TO SR 1546 (GUILFORD COLLEGE ROAD)	MOTS LANDSCAPING & LAWNS LLC	Hayes, PE, Meredith	\$175,647.50	9/1/2019	12/31/2021	9/9/2019	12/31/2021	100	100
DG00490		AST TREATMENT OF 26 SECONDARY ROADS IN GUILFORD COUNTY	CAROLINA ROAD SOLUTIONS LLC	Lorenz, PE, Kris	\$832,311.02	4/1/2021	10/30/2021	4/8/2021	2/28/2022	100	97.46
DG00493		REPLACE PIPE #2134 ON SR 2835 (MCKNIGHT MILL ROAD) APPROX. 0.1 MILE SOUTH OF INTERSECTION WITH SR 2732 (HINES CHAPEL ROAD)	HUNTING CREEK CONSTRUCTION INC	Snell, PE, William H	\$374,444.44	7/8/2021	9/9/2021	7/8/2021	2/28/2022	82.5	99.69
DG00500		WIDENING 2 SECONDARY ROADS AND MILLING AND RESURFACING 4 SECONDARY ROADS	BLYTHE CONSTRUCTION	Hayes, PE, Meredith	\$1,367,596.39	4/1/2021	11/1/2021	5/17/2021	11/29/2021	100	100
DG00505		WIDENING AND RESURFACING A PORTION OF US 70 AND RESURFACING 48 SECONDARY ROADS	SHARPE BROTHERS A DIVISION OF VECCELLIO & GROGAN INC.	Snell, PE, William H	\$2,711,163.82	7/1/2021	11/1/2022	4/15/2021	11/1/2022	29.5	93.75
DG00512		RESURFACE 43 VARIOUS STATE ROUTES	SHARPE BROTHERS A DIVISION OF VECCELLIO & GROGAN INC.	Hayes, PE, Meredith	\$2,562,749.29	7/1/2021	11/1/2022	7/1/2022	11/1/2022	16.37	21.1
DG00513		REPLACE BRIDGE #235 OVER BIG ALAMANCE CREEK ON SR 1005 (ALAMANCE CHURCH ROAD)	SMITH-ROWE, LLC	Hayes, PE, Meredith	\$1,675,367.75	6/21/2021	10/25/2022				
DG00515		AST TREATMENT OF 34 SECONDARY ROADS IN GUILFORD COUNTY	WHITEHURST PAVING CO. INC.	Lorenz, PE, Kris	\$749,755.28	7/1/2021	6/30/2021				
DG00524	R-5787-G R-5787-H	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS ROUTES	ATLANTIC CONTRACTING COMPANY, INC.	Lorenz, PE, Kris	\$717,704.25	6/1/2021	4/14/2023	7/26/2021	4/14/2023	18.9	30.82
DG00527	HS-2007C	INSTALLATION OF THERMOPLASTIC PAVEMENT MARKING LINES ON VARIOUS SECONDARY ROUTES	TMI SERVICES INC.	Cvijetic, PE, Bojan	\$1,358,289.72	8/16/2021	11/19/2021				
DG00531		RESURFACE SR 1001 (CHURCH STREET) - 3 SECTIONS, SR 2714 (RED CEDAR ROAD) AND SR 2748 (SPRINGWOOD CHURCH ROAD)	SHARPE BROTHERS A DIVISION OF VECCELLIO & GROGAN INC.	Hayes, PE, Meredith	\$2,780,006.94	7/8/2021	7/7/2022	8/12/2021	7/7/2022	60	96.13

North Carolina Department of Transportation
Active Projects Under Construction - Guilford Co.

1/24/2022

Contract Number	TIP Number	Location Description	Contractor Name	Resident Engineer	Contract Bid Amount	Availability Date	Completion Date	Work Start Date	Estimated Completion Date	Progress Schedule Percent	Completion Percent
DG00533		MILLING, RESURFACING AND PAVEMENT MARKINGS ON I-85 BUS/US 29/US 70, NC 150 AND VARIOUS SECONDARY ROADS	BLYTHE CONSTRUCTION INC.	Lorenz, PE, Kris	\$2,989,292.45	7/8/2021	7/7/2022	9/20/2021	7/7/2022	71.3	64.21

We Make It Our Business to Connect Communities

Every day people in the Triad need to get to work, make appointments and access the many opportunities that each city individually and uniquely offers our citizens.

PART not only helps keep our communities connected, but we also play an important role in keeping 'a sense of adventure' going! Each of the cities in our 10-county network have wonderful and special features to enjoy. PART can make connecting easy and affordable.

As part of our new *Explore with Express* series, each month we will focus on different PART routes and share something interesting and fun about the communities these routes connect! This month's focus will be on our Route 1 Winston-Salem Express. The historic and beautiful City of Winston-Salem features many wonderful areas to explore that can be taken advantage of by using the PART system. Visitors can participate in Winston-Salem's *Cityside Treks*, a fun way to stroll the city utilizing the urban park trails and greenway system. PART's Route 1 makes getting to the downtown area easy for visitors interested in walking or biking adventures throughout the city.

Our buses are climate controlled, bike friendly, handicap accessible, have high back reclining seats and high ceilings. So ... sit back and enjoy the ride as you get out and enjoy what our neighboring communities have to offer.

Go to visitwinstonsalem.com to find your next adventure and utilize PART's Trip Planner at partnc.org/triplanner, to make it an easy to get to adventure.

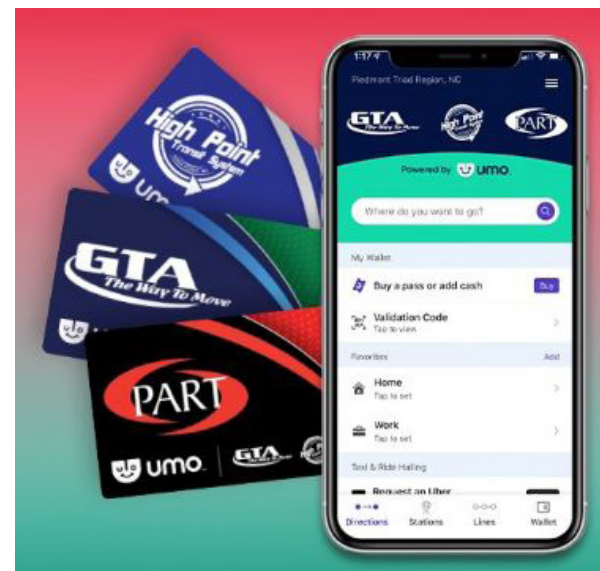


On The Go ... With Umo

As we travel into 2022, PART's TouchPass is not only changing the name, but adding new and exciting features, starting with the mobile app. We encourage you to download the new Umo Mobility App today. There are so many new features we don't want you to miss out! To get the new App visit the Apple Store or Google Play Store. The Umo Mobility App will keep PART riders moving efficiently by offering multi-modal journey planning, contactless payments and real-time travel information.

Umo is a simple and easy way for our customers to ride. There are two options, download the app on a smartphone, load funds directly through the app to your account and scan your QR code to pay when boarding. Or purchase a Umo Smartcard, load funds to the card and scan your card when boarding. If you use the Umo app, you will also be able to load passes and Umo cash for Greensboro Transit Agency (GTA) and High Point Transit System (HPTS).

Visit partnc.org/umo, contact our PART Call Center at 336-883-7278 or email umo@partnc.org for more information. Be sure to fully register your Umo account and ... we will load a free ride. **The TouchPass system will soon be gone ... so make the switch TODAY!**





No Need to Ride Alone!

With current concerns about our individual and collective impact on the environment, coupled with the fact that everyone likes to save money, community members often search for readily available, sustainable and relaxing transportation alternatives. That is where Vanpooling with PART can help.

The PART Vanpool Program provides eligible groups of five or more commuters with a 7 or 15 passenger van to use to commute to and from work. A month-to-month lease includes the vehicle, insurance, maintenance and gas.

At-A-Glance:

- Most economical for groups traveling 15+ miles one way to work.
- Monthly fares are based on the average daily round-trip miles the van travels each day.
- Monthly cost is divided among the riders. The more riders, the lower the cost!
- At least two members of the group need to qualify to be the primary driver and back-up driver.
- Most vans meet at a central location like a Park & Ride lot.

Not only are there personal benefits to participating in PART's Vanpool Program, but there are also positive environmental impacts associated with this form of ride sharing, such as reducing our carbon footprint and less traffic congestion.

For more information about our Vanpool Program go to partnc.org/vanpool.

Sharing Has Never Been So Easy

PART participates in a unique statewide rideshare system, known as Share the Ride NC (STRNC). This is a web-based tool that helps people quickly and securely find others to "share the ride" anywhere in North Carolina. Participants can utilize this innovative tool for daily commuting, single trips to local businesses, a ride to the airport, or to visit friends and family out of town. Whether you are offering to drive, or need a ride, sharing miles and expenses is a win for everyone.

Share the Ride NC is simple to use. An interested participant simply creates an account. We recommend you plan-ahead by setting up your profile before you need to connect. Once you are registered, you can check for matches. If a match doesn't come up right away ... you may find the perfect match the next time you check in. The more participants in the pool, the more options with similar schedules and destinations become available to match.

Your address and personal information will never be shared with others. Participants sign-up by using their email address, create a trip profile and then receive a list of potential trip partners. It is up to you to choose who to contact. You will communicate with your matches directly through your STRNC profile. There are no obligations or requirements, only opportunities to share the ride, save money, and reduce your carbon footprint.



TRANSIT

The average walk to and from most bus stops is less than 25 minutes



BIKE/WALK

Using mixed modes of transportation, like biking, reduces the walk to an average of 8 minutes

source: U.S. National Household Travel Survey

PART is connecting communities!

As part of our *Explore with Express* series, each month, this newsletter will focus on different PART routes and share something exciting and fun about the communities these routes connect! Each of the cities in our 10-county network has interesting and unique features to enjoy, and PART makes connecting easy and affordable. This month's focus will be on our Route 2 Greensboro Express.

Greensboro prides itself on the more than 100 miles of trail and greenway systems it has for the community to enjoy. Using the Greensboro Downtown Greenway, a 4-mile walking and biking trail that loops the city, people can access

many of the city's extensive 100 miles of trail systems right from the downtown area. Within walking distance is the Steven Tanger Center, the International Civil Rights Center & Museum, the historic Carolina Theatre, along with a host of wonderful restaurants, shops, and venues. All easily accessible from PART's downtown depot stop.

PART buses are climate controlled, bike-friendly, handicap accessible, have high back reclining seats and high ceilings. So ... sit back and enjoy the ride as you get out and explore what our neighboring communities have to offer.

Visit [Greensboro-nc.gov/departments/parks-recreation](https://greensboro-nc.gov/departments/parks-recreation) to find your next adventure and utilize PART's Trip Planner at partnc.org/tripplanner to make it an easy to get to adventure.



Carolyn Q. Coleman

Carolyn Q. Coleman, trailblazing civil rights activist and Guilford County NC Commissioner, died Wednesday, January 26th, 2022. Coleman was the first Black woman to chair the board.

"Not once in her remarkable life did she slowdown in her advocacy and commitment to supporting equity, inclusion, and tolerance." (Skip Alston, chair of the Guilford County NC Commissioners)

Commissioner Coleman was also an esteemed member of the PART Board of Trustees since 2005. We are so thankful for her service.



Focusing on Passenger Mobility



Over 4 billion people living in urban areas worldwide need to commute to work and travel every day. That's over 265 billion trips made in a year! (medium)

For the public transportation industry, this requires that we keep moving – to keep things moving! Therefore, PART and the NCDOT-Integrated Mobility Division are currently participating in a Mobility as a Service (MaaS) training program provided by the National Center for Mobility Management (NCMM).

MaaS is an integrated mobility concept in which travelers can access different modes of transportation over a single user interface,

allowing them to plan seamlessly, book, and pay on a pay-as-you-go or subscription basis. The ability for customers to quickly search, book, track, and pay for trips using mobile devices is changing the way people get around and interact with travel.

The first phase of the MaaS training program focuses on developing an implementation guide for the Piedmont Triad transit agencies. Then, using that as a working model will carry out the program statewide. Around the world, companies are introducing new ways to provide mobility services to their communities. And while MaaS implementations are a challenge, we find this direction to be a necessary component for public transportation to stay relevant, customer-focused, and experience growth in the future, and that is the direction we are moving in!

Ready. Set. GET UMO!

It's time to download the new Umo Mobility App ... the TouchPass system will soon become inactive. There are many new features with the UMO app, and we don't want you to miss out! The Umo Mobility App will keep PART riders moving efficiently by offering multi-modal journey planning, contactless payments, and real-time travel information. To get the new app visit the Apple Store or Google Play Store.

Umo is a simple and easy way for our customers to ride. There are two options, download the app on a smartphone, load funds directly through the app to your account, and scan your QR code to pay when boarding. Or purchase a Umo Smartcard, load funds to the card, and scan your card when boarding. For a limited time, you can exchange your TouchPass card for a free Umo card, but act fast; this offer will not last long! Using the Umo app, you can also load passes and Umo cash for Greensboro Transit Agency (GTA) and High Point Transit System (HPTS).

Visit partnc.org/umo, contact our PART Call Center at 336-883-7278, or email umo@partnc.org for more information. When you register your Umo account fully, we will load a free ride!

An advertisement for the Umo Mobility App and Smartcard. The background is dark blue with a light blue wave-like pattern. At the top, the Umo logo is followed by the text "umo makes riding PART easier". Below this, a smartphone displays the app interface with logos for GTA, HPTS, and PART. To the right of the phone, the text reads "Are you ready to save more when you ride?". Below the phone is a Umo Smartcard with the PART logo. At the bottom, white text reads: "PART doesn't give change, change cards or transfers when paying cash on the bus, you'll also pay each time you ride. Pay exact fare, get FREE transfers, and get PART Rewards by using the Umo Smartcard or the Umo Mobile App."

The TouchPass system will soon be gone, so get moving and make the switch TODAY!