

To: TAC and TCC
From: Tyler Meyer, AICP, Transportation Planning Manager, TCC Chair
Subject: FY 2024-2025 Unified Planning Work Program
Date: March 13, 2024

The Unified Planning Work Program (UPWP) will guide MPO planning activities for FY 2024-2025. 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



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FY 2024-2025 UPWP Funding Totals

Funding Source	Federal Funding	Local Match	State Match	Total
FY 25 Funds				
FHWA PL	\$422,400	\$105,600	\$0	\$528,000
FHWA PL Setaside	\$10,800	\$0	\$0	\$10,800
FHWA BGDA	\$1,280,000	\$320,000	\$0	\$1,600,000
FHWA SPR	\$0	\$0	\$0	\$0
FTA 5303	\$241,600	\$30,200	\$30,200	\$302,000
FY 25 Totals	\$1,954,800	\$455,800	\$30,200	\$2,440,800
Prior Year Carryover Funds				
FTA 5303	\$456,474	\$57,059	\$39,885	\$553,418
Carryover Totals	\$456,474	\$57,059	\$39,885	\$553,418
Grand Total	\$2,411,274	\$512,859	\$70,085	\$2,994,218

Amendments

It is anticipated that future amendments to the FY 2024-2025 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

- Approve UPWP on March 13, 2024 following annual MPO self-certification.
- NCDOT & FHWA approval will follow.

Enclosures

2. Administrative Table
3. MTIP Table for BGDA
4. FTA Task Narratives
5. Task Narratives
6. Long Range Planning Calendar
7. Prior Year Accomplishments report
8. Anticipated DBE opportunities
9. Approval Resolution

DRAFT GUAMPO UPWP TASK SUMMARY TABLE

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning - PL104			Safe & Acc Transp Options - PL104	BGDA			Transit Planning - 5303				OVERALL TOTALS			
			Local 20%	Federal 80%	Total 100%	Federal - Total 100%	Local 20%	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		\$ 50,000	\$ 200,000	\$ 250,000	\$ 10,200	\$ 10,200	\$ 81,600	\$ 102,000	\$ 85,200	\$ 10,200	\$ 381,600	\$ 477,000
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -	\$ -									\$ -	\$ -	\$ -	\$ -
44.23.02	II-A-3	Transportation Modeling	\$ 22,500	\$ 90,000	\$ 112,500									\$ 22,500	\$ -	\$ 90,000	\$ 112,500
II-B Planning Process																	
44.23.02	II-B-1	Target Planning	\$ 3,125	\$ 12,500	\$ 15,625									\$ 3,125	\$ -	\$ 12,500	\$ 15,625
44.23.01	II-B-2	Regional Planning	\$ 21,250	\$ 85,000	\$ 106,250	\$ 10,800	\$ 40,000	\$ 160,000	\$ 200,000					\$ 61,250		\$ 255,800	\$ 317,050
44.23.01	II-B-2A	Regional Planning: Safe & Acc Transp Options														\$ -	\$ -
44.27.00	II-B-3	Special Studies															
44.27.00	II-B-3C	Downtown Transportation Study					\$ 64,000	\$ 256,000	\$ 320,000								\$ 256,000
44.27.00	II-B-3D	Gate City Blvd Corridor Improvement Feasibility Study					\$ 44,000	\$ 176,000	\$ 220,000								\$ 176,000
44.27.00	II-B-3E	Better Bus Stop Plan Phase 2								\$ 20,000	\$ 20,000	\$ 160,000	\$ 200,000	\$ 20,000	\$ 20,000	\$ 160,000	\$ 200,000
44.27.00	II-B-3F	Gate City Bus Rapid Transit Feasibility Study					\$ 20,000	\$ 80,000	\$ 100,000								
44.27.00	II-B-3G	MTP & CTP Update					\$ 100,000	\$ 400,000	\$ 500,000					\$ 100,000		\$ 400,000	\$ 500,000
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	\$ 7,500	\$ 30,000	\$ 37,500									\$ 7,500		\$ 30,000	\$ 37,500
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	\$ -	\$ -	\$ -		\$ 1,000	\$ 4,000	\$ 5,000							\$ 4,000	\$ 4,000
44.27.00	III-C-2	Environmental Justice	\$ -	\$ -	\$ -		\$ 1,000	\$ 4,000	\$ 5,000							\$ 4,000	\$ 4,000
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											\$ 5,000	\$ 5,000
III-E Management Ops, Program Suppt Admin																	
44.27.00		Management Operations	\$ 12,725	\$ 50,900	\$ 63,625									\$ 12,725		\$ 50,900	\$ 63,625
TOTALS:			\$ 105,600	\$ 422,400	\$ 528,000	\$ 10,800	\$ 320,000	\$ 1,280,000	\$ 1,600,000	\$ 30,200	\$ 30,200	\$ 241,600	\$ 302,000	\$ 324,550	\$ 30,200	\$ 1,874,800	\$ 2,229,550
			Local	Federal	Total	Federal - Total	Local	Federal	Total	Local	State	Federal		Local	State	Federal	Grand Total
			PL 104				BGDA			5303				Totals			
Prior Year funded special studies continuing in FY24																	
44.27.00	II-B-3B	Better Bus Stop Plan Phase 1								\$ 17,174	\$ 17,174	\$ 137,393	\$ 171,741				
44.23.01	II-B-2A	Mobility GSO 2045 (FY 2023 funds)								\$ 39,885	\$ 39,885	\$ 319,081	\$ 398,851	\$ 39,885	\$ 39,885	\$ 319,081	\$ 398,851
Totals- Prior year funded studies that will be completed in FY 24							\$ 0	\$ 0	\$ 0	\$ 57,059	\$ 57,059	\$ 456,474	\$ 570,592	\$ 57,059	\$ 57,059	\$ 456,474	\$ 570,592

FY 2024-2033 BGDA Supplemental Funds

			FY 2025	FY 2026	FY 2027
U- 6085/M- 0433	Various, Supplemental Funding for Geensboro Urban Area MPO Unified Planning Work Program	L	<u>\$320,000</u>	<u>\$220,000</u>	<u>\$220,000</u>
		BGDA	<u>\$1,280,000</u>	<u>\$880,000</u>	<u>\$880,000</u>

Notes:

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

Funding Sources Key:

BGDA: *Surface Transportation Block Grant, Direct Apportionment*

L: *local matching funds*

East Gate City Blvd Corridor Study

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 in coordination with Goboro 2045 recommendations.
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)	June 2025
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	GTA, 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%	\$10,200
17-	Section 5303 NCDOT 10%	\$10,200
18-	Section 5303 FTA 80%	\$81,600
19-	Section 5307 Transit - Local 10%	\$102,000
20-	Section 5307 Transit - NCDOT 10%	
21-	Section 5307 Transit - FTA 80%	
22-	Additional Funds - Local 100%	

FTA Task Narrative

1-	MPO Name	Greensboro Urban Area MPO
2-	FTA Code	44.27.00
3-	Task Code	II-B-3E: Special Studies: Better Bus Stop Plan Phase 2: Action Plan
4-	Title of Planning Task	Special Studies
5-	Task Objective	The Better Bus Stop Plan Phase 2: Action Plan will build off the preparatory work completed in Phase 1. The project will revise stops to match new goboro route structure; consolidate redundant stops; eliminate duplicative stops; relocate stops for improved safety and/or access; prioritize short sidewalk and accessibility upgrades; prioritize transit related pedestrian crossing upgrades; suggest priorities for larger scale transit access improvement projects; prioritize new shelter and bench installations.
6-	Tangible Product Expected	Technical memoranda, study report, data & related exhibits
7-	Expected Completion Date of Product(s)	Jun-25
8-	Previous Work	Better Bus Stop Plan Phase 1: data, process, and tool development
9-	Prior FTA Funds	
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	GTA, 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%	\$20,000
17-	Section 5303 NCDOT 10%	\$20,000
18-	Section 5303 FTA 80%	\$160,000
19-	Section 5307 Transit - Local 10%	
20-	Section 5307 Transit - NCDOT 10%	
21-	Section 5307 Transit - FTA 80%	
22-	Additional Funds - Local 100%	

Long Range Planning Calendar

	24-25	25-26	25-26	27-28	28-29
<u>Surveillance of Change</u>					
ongoing data collection					
<u>Metropolitan Transp. Plan</u>					
Travel Demand Model freight enhancements					
Implement New Regional Travel Demand Model designed for ongoing enhancement & data collection					
Update CTP, Thoroughfare & Collector Plans					
Update Downtown Parking Plan					
Long Range Transit Plan refinement & expansion					
Update Bicycle & Pedestrian Plan					
Develop MTP Update					
Congestion Management Process Update					
Update Coordinated Human Services Transportation Plan					
<u>Planning Work Program</u>					
ongoing activities					
<u>Transp. Improvement Program</u>					
ongoing TIP administration					
develop 2026-2035 TIP					
develop 2028-2035 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					

Key:

work and/or MPO action required:

minimal work needed:

TBD:

GUAMPO FY 2024-2025 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. 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 General Transit Feed Specification (GTFS) feed, keep it up to date, and implement protocols for managing it effectively in coordination with GTA's CAD/AVL software and hardware from GMV Synchronatics 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.
- Forecast paratransit and fixed route ridership
- 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.
- Participate in the City's internal bus stop planning process to improve, manage, and place infrastructure for public transportation including bus shelters, pedestrian connections, and related considerations in coordination with the Better Bus Stop initiative Phase 1 and Phase 2 (see special studies). Analyze needs and options, facilitate coordination, support technology needs, and plan ahead to scope out future phases of the Better Bus Stop initiative.

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.
- Conduct pedestrian studies as needed.
- Coordinate MPO plans, programs and committee work with the Comprehensive Safety Action Plan developed under the *Safe Streets for All* planning grant.

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.

II-A-3 Transportation Modeling

GUAMPO FY 2024-2025 UPWP Task Narrative

- Conduct model development and routine maintenance activities per the Regional Model Work Plan.
- Support the PTRM model calibration and validation using a new base year in preparation for the MTP update.
- Use the model to analyze travel patterns and activity and to prepare traffic forecasts as needed
- Collaborate with PART, NCDOT, and MPOs to update the Memorandum of Agreement.

II-B-1 Target Planning

- Monitor and study congestion and traffic flow to support efficient transportation systems management. Update Congestion Management Process
- Assess freight issues and related transportation needs including in congestion management, project development, and safety planning activities.
- Participate in regional Travel Demand Management (TDM) Initiatives.
- Plan for climate change, resiliency, and natural disaster preparedness. Coordinate with appropriate public safety officials as needed. Analyze transportation system vulnerability to extreme weather events and climate change and develop options, plans, and projects for improving resiliency of transportation facilities or systems.
- Do groundwork and coordinate with NCDOT and partner MPOs to plan for developing and implementing *Greenhouse Gas Performance Measure* rule targets.
- Plan for electric vehicle charging infrastructure deployment and other strategies to reduce mobile source emissions and reduce vulnerability of fuel supplies in times of extreme weather events or petroleum scarcity.

II-B-2 Regional Planning

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.
- Develop 2050 MTP update. See *Special Studies*.

Goboro Long Range Public Transportation Plan

- The Lead Planning Agency will work with Jarrett Walker & Associates and GTA to complete the Mobility Greensboro 2045 Transit Master Plan. The MPO will work with Guilford County, High Point, and PART to support development of a comparable plan for Guilford County. That work will include developing county level 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.
- 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.
- Coordinate with the Planning and Housing/Neighborhood Development Departments to ensure land-use and housing efforts connect with public transit.
- 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

- Development of transportation plans to...

GUAMPO FY 2024-2025 UPWP Task Narrative

- (A) Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
- (B) Integrate active transportation facilities with public transportation service or improve access to public transportation.
- 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, and 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.

Comprehensive Safety Action Plan coordination

- Coordinate MPO safety planning in MTP, BiPed, and other areas with the Comprehensive Safety Action Plan developed under the *Safe Streets for All* planning grant.
 - Cultivate and maintain partnerships with public health, law enforcement, education, and others on data sharing and implementation.
 - Establish 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.

II-B-2A Regional Planning: Safe & Accountable Transportation Options

- Adoption of Complete Streets standards or policies.
- Development of a Complete Streets prioritization plan that identifies a specific list of Complete Streets projects to improve the safety, mobility, or accessibility of a street.
- Development of transportation plans to:
 - Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
 - Integrate active transportation facilities with public transportation service or improve access to public transportation.
 - Create multiuse active transportation infrastructure facilities (including bikeways or pedestrian and bicycle trails) that make connections within or between communities.
 - Increase public transportation ridership; and
 - Improve the safety of bicyclists and pedestrians.
 - Regional and megaregional planning (i.e., multi-jurisdictional transportation planning that extends beyond MPO and/or State boundaries) that address travel demand and capacity constraints through alternatives to new highway capacity, including through intercity passenger rail; and
- Development of transportation plans and policies that support transit-oriented development.

GUAMPO FY 2024-2025 UPWP Task Narrative

II-B-3 Special Studies

Downtown Transportation Study II-B-3C

- The Downtown Transportation Study will comprehensively assess and recommend strategies, projects, and policies for modernizing and improving transportation infrastructure in Downtown Greensboro in a manner thoroughly grounded in robust data collection, state of the practice analysis, and community priorities and goals. The study area includes the Greensboro Central Business District (within the Downtown Greenway Loop), an area with 80+ intersections and a dense network of interconnected streets and sidewalks. The study will include data collection, traffic analysis, analysis of bicycle, pedestrian, and transit travel conditions and demand; signal design considerations; development and evaluation of concepts for future improvements; evaluation of optimal phasing of improvements; and extensive public and stakeholder engagement. Deliverables will include recommended changes to downtown streets, intersections, traffic signals, traffic flow, bicycle and pedestrian facilities, transit infrastructure and related considerations. Key goals include: improve pedestrian accessibility, safety and comfort; identify feasible techniques to slow traffic; prevent fatal and serious injury crashes; improve bicycle connection and level of service; make the downtown street network more intuitive and less confusing; and consider and reinforce MPO and City transportation, land use, economic, cultural, and housing goals.

East Gate City Corridor Improvement Feasibility Study II-B-3D

- This study will assess multimodal corridor improvement needs on East Gate City Boulevard from Elm Street to I-40. The study will factor in details from the previously completed Feasibility Study of improvements from Coliseum Boulevard to Elm Street, as well as the pending roadway modernization (HL-0046) from Willow Road to Florida Street and the bridge replacement over the North Buffalo Creek currently under construction (B-5717). The study will include data collection, traffic analysis, analysis of bicycle, pedestrian, and transit travel conditions and demand; signal design considerations; assessment of potential mobility hub and other transit infrastructure locations, development and evaluation of concepts for future improvements; evaluation of optimal phasing of improvements; and extensive public and stakeholder engagement. Deliverables will include recommended future improvements and a phasing plan. Goals include improving safety, accessibility, and mobility for all roadway users; enhancing the streetscape and supporting extensive current and pending investments in the Gate City corridor by the City of Greensboro, NCA&TSU, UNC-G, community organizations, and private developers; and facilitating long range transit goals for a high capacity bus transit line along the entire Gate City Boulevard corridor.

Better Bus Stop Plan Phase 1 II-B-3E

- The Better Bus Stop Plan Phase 2: Action Plan will build off the preparatory work completed in Phase 1. The project will revise stops to match new Goboro route structure; consolidate redundant stops; eliminate duplicative stops; relocate stops for improved safety and/or access; prioritize short sidewalk and accessibility upgrades; prioritize transit related pedestrian crossing upgrades; suggest priorities for larger scale transit access improvement projects; prioritize new shelter and bench installations.

Gate City Bus Rapid Transit Feasibility Study & Options Assessment II-B-3F

- Investigate BRT or Arterial BRT style investments along the Gate City Boulevard Corridor from downtown to Four Seasons and to GTCC. Consider alternative termini for this BRT corridor investment including Gateway Research Park, Four Seasons Mall, GTCC, and Downtown High Point. Consider the performance impacts of various configurations to job access and ridership impacts as well as FTA small starts criteria. Evaluate if BRT could be a rapid-style service overlaid onto local services, if the BRT service could fully replace the local service, or if enhanced frequent local service would be best suited to the corridor for the foreseeable future.

MTP & CTP Update II-B-3G

- Develop the fiscally constrained 2050 Metropolitan Transportation Plan (MTP) and unconstrained needs plan / Comprehensive Transportation Plan (CTP). Complete thorough reevaluation of roadway network needs and

GUAMPO FY 2024-2025 UPWP Task Narrative

future investment needs. Include extensive public outreach on priorities and vision for the future. Take a deeper dive into multimodal recommendations for transit, bicycle and pedestrian, and freight movement. Coordinate with Comprehensive Safety Action Plan to incorporate safety elements. Include identification of strategic priorities, including potential future major discretionary grant project proposals.

III-A-1 Planning Work Program

- Administer the FY 2024-25 UPWP. Prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2025-2026 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.
- Establish new greenhouse (GHG) performance targets in coordination with NCDOT and neighbor MPOs.
- Monitor the established CMP.

III-B-1 Prioritization

- Implement the Prioritization 7.0 MPO Ranking Methodology to score regional and division needs projects. This includes technical analysis, public input, and review by MPO committees.
- Complete additional requirements of the Prioritization 7.0 process and keep MPO committees updated throughout the duration of the process.
- Work with NCDOT, GDOT traffic engineering, and town and county officials 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, CRP, CMAQ funding, and/or local funding.
- Issue a call for Transportation Alternatives DA projects as appropriate.

III-B-2 Metropolitan TIP

- Process amendments to FY 2024-2033 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
- Develop a new MTIP database for more effective management, record keeping, and preparation of reports (including the live MTIP) and analyses on an ongoing basis.
- Administer TADA 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 and update the Transit Resource Allocation Plan as needed.
- Update annual Program of Projects to administer transit projects.

GUAMPO FY 2024-2025 UPWP Task Narrative

- 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 and provide feedback on NCDOT project designs, project development activities, and federal funding timelines.
- Engage with NCDOT on express designs, feasibility studies, and other preliminary studies.
- Coordinate with NCDOT on efficient implementation of LAPP projects and enhancement of project submittal and review processes.
- Conduct planning level assessments to define and/or refine needed project scopes, limits, and other characteristics for LAPP projects and present and future STI project candidates.
- 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 via in-person outreach, conventional media, and on-line resources such as the MPO website, the online Roadway Project Locator tool, the Project Update Newsletter, and social media.
- Reassess and refine the Public Participation Plan as appropriate.

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.
- 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.

GUAMPO FY 2024-2025 UPWP Task Narrative

- Maintain membership and involvement in AMPO.
- Participate in statewide and other NCDOT planning and prioritization activities, including STI Workgroup.

FY 2022-2023 GREENBORO URBAN AREA UNIFIED PLANNING WORK PROGRAM End of Year Accomplishments Report

Greensboro Urban Area MPO accomplishments for FY 2022-2023 were as follows *(please note this FY 2022 report will be replaced with the FY 2023 report once it is available)*:

Data & Planning Support

- Updated sidewalk and bicycle infrastructure database.
- Maintained and updated the status of the sidewalk condition index layer and prioritized locations for sidewalk repairs.
- 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.
- Supported Parks & Rec and Action Greensboro for Eco counter installation along Downtown Greenway
- Updated Recommendation Trail and Greenway GIS database
- 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.
- Vision Zero Greensboro multimodal safety analysis, and coordination with NCDOT and GPD on crash data delivery process updates.
- Ongoing model team discussions for the Piedmont Triad Regional Model (PTRM), focusing on social economic (SE) data updates. Staff participated in SE Data Development Pilot Project while coordinating the related agencies within MPO area. Also provided the MPO updated project status to PART supporting PTRM maintenance work.
- Coordinated with PART on PTRM Household Survey oversight and administration.
- 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.
- Collected the traffic volume data from available resources, and estimated future volumes for requested intersections or corridors.
- Began implementing the Better Bus Stop Planning Program to include data analysis/planning, project management, and maintenance.
- General GTFS maintenance for GTA, including configuring the GTFS in GTA's new CAD/AVL system, GMV.
- Staff worked with Engineering staff and member local agencies to complete draft materials for the Thoroughfare & Collector Plan update for a January public review period kickoff.
- Updated sidewalk and bicycle infrastructure database.
- Maintained and updated the status of the sidewalk condition index layer and prioritized locations for sidewalk repairs.
- 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.
- Supported Parks & Rec and Action Greensboro for Eco counter installation along Downtown Greenway
- 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), focusing on social economic (SE) data updates. Staff participated in SE Data Development Pilot Project while coordinating the related agencies within MPO area. Also provided the MPO updated project status to PART supporting PTRM maintenance work.
- Coordinated with PART on PTRM Household Survey oversight and administration.
- 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.
- Collected the traffic volume data from available resources, and estimated future volumes for requested intersections or corridors.

- Began implementing the Better Bus Stop Planning Program to include data analysis/planning, project management, and maintenance by working with GTA planning and maintenance team members to create a shelter construction prioritization process leading to 21 shelter installs over three months
- General GTFS maintenance for GTA
- Staff worked with Engineering staff and member local agencies to completed draft materials for the Thoroughfare & Collector Plan update for a January public review period kickoff, followed by TCC/TAC adoption in May and maps distributed to area jurisdictions for their adoptions.
- Data analysis to support MPO review of express design projects.

Planning Process

- Fleming - Lewiston Connector & Interchange: MTP/ Thoroughfare & Collector/CTP Action
- Continued CTP update to address comments from Transportation Planning Branch.
- Coordination with PART and Triad MPO's on Triad Transportation Demand Management Plan.
- Ongoing evaluation of GTA's Mobility Greensboro 2040 plan implementation priorities.
- Completed procurement process and selected a vendor for GTA's Mobility Greensboro 2045 long-range plan
- Completed procurement process and selected a vendor for GTA's Zero Emission Fleet Transition Plan (ZEFTP)
- Prepared and submitted USDOT SS4A grant
- Supported NCDOT in preparation of USDOT RCP grant
- Continued CTP update to address comments from Transportation Planning Branch.
- Coordination with PART and Triad MPO's on Triad Transportation Demand Management Plan.
- Ongoing evaluation of GTA's Mobility Greensboro 2040 plan implementation priorities.
- Kicked off GTA's Mobility Greensboro 2045 long-range plan, 'GOBORO' and completed several key tasks including, a draft existing conditions report and two transit system design scenarios to present to the public.
- Kicked off GTA's Zero Emission Fleet Transition Plan (ZEFTP) and finished the baseline report, which estimates GTA's existing paratransit and fixed route fleets can be 100% zero emission by 2035.
- Submitted a proposal for the USDOT's Charging and Fueling Infrastructure (CFI) grant to plan for community electric vehicle (EV) charging infrastructure in rural and urban areas of need, and to replace inoperable public charging in Downtown Greensboro.
- Participated in USDOT RCP grant debriefing on how can improve application
- Coordination with NCDOT on holding a public input meeting for U-6108
- U-6108 Public Input Meeting
- Contracted with Toole Design for the development of SRTA Program Guide and Toolkit (Kickoff and community stakeholder meetings were held)
- Participated in Vulnerable Road User Safety Assessment with NCDOT and consultant
- Participated in USDOT Vision Zero Pairing Program with NYC and Alameda, CA
- Participated in NC Vision Zero meetings and NC Vision Zero Leadership Institute
- Staff completed ITE Safe System Course
- CMAQ Analysis and project submittal to NCDOT
- Coordinated with partner agencies and updated the performance measures targets for Transportation Performance Management to NCDOT

Administration

- Prepared eleven sets of MTIP/STIP amendments / administrative modifications this quarter.
- 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.
- 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.
- Worked on NCSHPO documents, PCE documents and consultation forms for, BL-0041, HL-0046, U-5532I, EB-5985, U-5532C, HL-0047, U-5532E, U-5532H, EB-5986, EB-5997, EB-5995, U-5532E, U-5532F, and EL-5101DR ;

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 BGDA, CMAQ, TAP & Enhancement funded sidewalks, and on establishing needed supplemental agreements to existing projects. Agreements were modified and/or processed for the following projects: C-5555E, EB-5995, EB-5997, EB-5987, HL-0047, and M-0551CC.
- Attended IMD Quarterly Meeting
- Evaluated and analyzed projects for P6.0; coordination with NCDOT and local jurisdictions.
- Held monthly meetings with local staff and NCDOT Division 7 to review status of projects covered by STI or DA Municipal Agreements.
- Attended monthly meeting with Park & Rec to review status of greenway and trail projects and program.
- Attended monthly status meeting on Galyon Depot Repairs WBS 49227
- Coordination and facilitation of Bicycle and Pedestrian Advisory Committee including the second quarter BPAC meeting.
- Coordination and training on Streetlight Data.
- 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 for short-range network expansion.
- Actively participated in the review of various sidewalk projects under design.
- Staff analyzed the City's micromobility (e-scooters and e-bikes) program data.
- Collaborated with Parks & Rec to provide technical assistance for installing Eco counters on downtown greenway and support site selection and installation process
- Prepared sixteen sets of MTIP/STIP amendments / administrative modifications during third and fourth quarters.
- 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.
- 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.
- Worked on NCSHPO documents, PCE documents and consultation forms for, , HL-0047, , , EB-5986, EB-5997, EB-5995, U-5532E, EB-6037C , EB-5877, EB-5878, U-5532G and EL-5101DR ; 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 BGDA, CMAQ, TAP & Enhancement funded sidewalks, and on establishing needed supplemental agreements to existing projects. Agreements were modified and/or processed for the following projects: C-5555E, HL-0048, U-5532I, P-5709, Eb-5985, and EB-5997.
- Evaluated and analyzed project BR-0079 for bike and pedestrian accommodation
- Attended IMD Quarterly Meetings
- Evaluated and analyzed projects for P7.0; coordination with NCDOT and local jurisdictions.
- Held monthly meetings with local staff and NCDOT Division 7 to review status of projects covered by STI or DA Municipal Agreements.
- Attended monthly meetings with Park & Rec to review status of greenway and trail projects and program.
- Attended monthly status meetings on Galyon Depot Repairs WBS 49227
- Coordination and facilitation of Bicycle and Pedestrian Advisory Committee including the first quarter BPAC meeting.
- Attended monthly Greensboro Transit Agency Advisory Commission meetings.
- Coordination and training on Streetlight Data.
- 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 for short-range network expansion.
- Actively participated in the review of various sidewalk projects under design.
- Staff analyzed the City's micromobility (e-scooters and e-bikes) program data. Prepared and distributed Micro mobility Survey
- Collaborated with Parks & Rec to provide technical assistance for installing Eco counters on downtown greenway and support site selection and installation process; coordinated with ITRE to develop contract to install the Eco counters

- Staff reviewed, researched, and developed formula to distribute 5307 and 5339 funds to GTA, PART, and TAMS
- Developed and adopted FY 2023 Program of Projects, held public comment period from May 9 to June 8, 2023. Public hearing was on June 21.
- Called for projects from March 8 to April 7, scored projects, and recommended projects for Section 5310. The projects were awarded in the TAC meeting on May 10.
- Preparation of grant agreement for the USDOT SS4A grant funding
- Coordinated with Burlington, High Point, and Winston-Salem MPOs to maintain current MPO boundaries.
- Assisted and coordinated on the Greensboro Federally Funded Transportation “On-Call” Consultant Services selection process

Management & Operations

- Prepared for and conducted three sets of TAC/TCC meetings via online meeting software.
- MPO staff attended Triad RPO TCC/TAC meetings. Interviewing, hiring, and supervision of roster employees to support MPO Planning work.
- Staff attended and organized the Employee Resource Group meetings.
- Staff attended and organized Employee Engagement activities
- Staff facilitated and participated the Piedmont Transportation Professionals Forum.
- Staff attended Greensboro Drone Committee meetings.
- Staff participated in the GDOT Equity Team.
- Staff development & training ATLAS Training.
- Staff advertised, interviewed, and hired a Transportation Planning Safety Engineer
- Staff helped interview some GTA positions (Access GSO and Depot Customer Service Representative)
- Representation on the NC Executive Committee for Highway Safety.
- Staff attended NC Streetlight User Group Meeting.
- Staff attended the Piedmont Triad Scenario workshop.
- Staff attended CommunityViz Suitability tutorial training and workshop
- Staff attended the NC Clean Transportation Plan Virtual Public Information Session.
- Staff participated in GTA’s weekly service planning meetings.
- Staff served as NCAMPO transit subcommittee chair.
- Staff supported planning activities for the Downtown Trolley Pilot project.
- Staff regularly supported planning for improved bus stop management and enhancements.
- Staff reviewed TRB papers
- Staff participated in the MPO Environmental Screening Tools Survey
- Staff participated in the 2022 Equity and Public Involvement in the Transportation Planning Process Survey sponsored by FHWA
- Staff volunteered as a mentor for North Carolina Future City Middle School Competition
- Prepared for and conducted four sets of TAC/TCC meetings via online meeting software.
- MPO staff attended Triad RPO TCC/TAC meetings. Interviewing, hiring, and supervision of roster employees to support MPO Planning work.
- Staff attended and organized the Employee Resource Group meetings.
- Staff attended and organized Employee Engagement activities
- Staff facilitated and participated the Piedmont Transportation Professionals Forum.
- Staff attended Greensboro Drone Committee meetings.
- Staff participated in the GDOT Equity Team.
- Staff development & training ATLAS Training.
- Staff advertised, interviewed, and hired a Transportation Planner and BiPed Coordinator
- Representation on the NC Executive Committee for Highway Safety.
- Staff attended NC Streetlight User Group Meeting.
- Staff attended the Piedmont Triad Scenario workshops.

- Staff attended the FHWA Scenario Planning Peer Exchange workshop
- Staff attended CommunityViz Suitability tutorial training and workshop
- Staff participated in GTA's weekly service planning meetings.
- Staff served as NCAMPO transit subcommittee chair.
- Staff supported planning activities for the Downtown Trolley Pilot project, which was implemented in July.
- Staff advised and supported GTA staff to implement Route 15 (Yanceyville) 30 minute headways on weekdays.
- Staff helped Winston-Salem MPO to score transit projects Section 5310 and 5307
- Staff regularly supported planning for improved bus stop management and enhancements.
- Staff volunteered as a mentor for North Carolina Future City Middle School Competition
- Staff attended and completed the Introduction Leadership and Operational Leadership classes
- Staff attended MentorMe Program
- Staff attended BeRailSafe Lunch & Learn
- Staff served as a Liaison in the Language Access Group
- Staff attended NCDOT Transportation Summit in Raleigh
- Staff attended the GDOT Academy
- Staff attended on ADA Transition plan demonstration with Citian company
- Staff participated in Profession Development courses offered through HR
- Staff held a meeting with staff members from the City of Charlotte on Transportation Electrification.
- Staff participated the North Carolina Strategic Highway Safety Plan Implementation Workshop
- Staff assisted and participated the Piedmont Transportation Professional Safety Event: Low Cost Safety Improvements

ANTICIPATED DBE CONTRACTING OPPORTUNITIES FOR 2024-2025

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

Person Completing Form: ___Bruce Adams_____ Telephone Number: _____336-412-6237_____

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
44.27.00 // II-B-3E	Special Studies	City of Greensboro	Consultant	\$160,000	\$200,000

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.

**RESOLUTION APPROVING THE FY 2024-2025 UNIFIED PLANNING WORK PROGRAM AND
MODIFYING THE FY 2024-2033 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM
FOR THE GREENSBORO URBAN AREA**

A motion was made by TAC Member Tammi Thurm and seconded by TAC Member Dean Maddox 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 Greensboro Urban Area Metropolitan Planning Organization has determined to supplement these funding allocations with Surface Transportation Block Grant Direct Apportionment funds and that a Transportation Improvement Program modification is needed to modify the supplemental funding amount for FY 2024-2025 and future years; AND

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has made the prerequisite self-certification finding of compliance with federal requirements; AND

WHEREAS, the Transportation Advisory Committee agrees that the Unified Planning Work Program will effectively advance transportation planning for Fiscal Year 2024-2025;


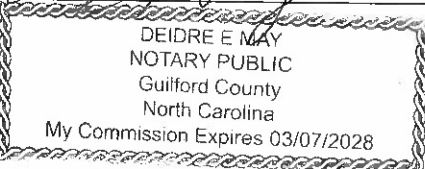
NOW THEREFORE be it resolved that the Greensboro Urban Area Transportation Advisory Committee hereby approves the Fiscal Year 2024-2025 Unified Planning Work Program for the Greensboro Urban Area on this day March 13, 2024.

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, March 13, 2024.


Chair, Transportation Advisory Committee

Subscribed and sworn to me on this day, March 13, 2024.


Notary Public 

My commission expires _____