



# Cisco WebEx Virtual Meeting Instructions

## *Greensboro MPO TCC Meeting*

1. Download the Cisco *WebEx Meetings* software [here](#).
2. To ensure continuity in meeting streaming it is recommended you close any programs or applications running in the background. You may also need to ask others in the home to suspend their applications if you are having trouble viewing the meeting.
3. Day of the meeting open the calendar meeting invitation or email with the meeting link. Please join meeting 5-10 minutes early in case technical difficulties arise. Click the link below:

### **By Computer or Smart Phone:**

[Join Meeting](#),

**Meeting Number:** 2632 118 0982

**Password:** 6MzCn8mG3Pe

### **By Phone:**

+1-408-418-9388 United States Toll

**Access Code:** 2632 118 0982

**Attendee ID/ Password:** 66926864

4. Recommend joining by computer.
  - a. A preview video window will open before joining the meeting. Once ready, click.
  - b. You will be prompted to join by computer audio or by calling in.
  - c. **Note:** You can login via your computer and call in so you are able to see the slides.
5. The first time joining the meeting you will be asked to provide basic information (name, department, etc.). Please include responses so we can identify members easily.
6. Additional recommendations:
  - a. Join from a quiet place.
  - b. Please mute yourself during the meeting unless speaking.If you having trouble during the meeting you may email [Lydia McIntyre](#).

**Lead Planning Agency: City of Greensboro • Transportation Department**



PO BOX 3136  
GREENSBORO NC 27402-3136



P 336 373-4368  
F 336 412-6171



WWW.GUAMPO.ORG



# Technical Coordinating Committee Meeting Agenda

Tuesday, December 14, 2:00 PM  
WebEx Online Virtual Meeting

## **Introductory Items:**

1. Opening remarks / TAC Roll Call /Attendee Verification

## **Action Items:**

1. November 8, 2021 Meeting Minutes
2. MTIP Modification: MPO Area STI Sidewalk Projects
3. UPWP Amendment & MTIP Modification: Downtown Parking Plan

## **Business Items / Potential Action Items:**

1. Review Prioritization 6.0 Quantitative Scores
2. Division 7 Updates
3. Project Updates
4. Strategic Reports

## **Other Items**

1. Members Update
2. Wrap-Up & Adjournment

**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](http://WWW.GUAMPO.ORG)



# Technical Coordinating Committee Agenda Summary

Tuesday, December 14, 2:00 PM  
WebEx Online Virtual Meeting

## Action Items:

2. **MTIP Modification: MPO Area STI Sidewalk Projects:** modifies EB-5877 and EB-5878 by shifting right-of-way from FY 2021 to FY 2022. Right-of-way authorization is expected to occur in December 2021 for both projects.
3. **UPWP Amendment & MTIP Modification: Downtown Parking Plan:** amends the Unified Planning Work Program for FY 2021-2022 to provide for development of a Greensboro Central City Parking Plan. Amends the UPWP and modifies the MTIP to add funds for that purpose.

## Business Items / Potential Action Items:

1. **Review Prioritization 6.0 Quantitative Scores:** review Prioritization 6.0 quantitative score results. New project selection under P6.0 has been suspended but quantitative score information will be valuable in assessing candidate projects for future prioritization rounds.
2. **Division 7 Updates:** current topics including NCDOT projects in the MPO area.
3. **Project Updates:** recent and upcoming project milestones and other information.
4. **Strategic Reports:** upcoming work items and topics of current interest.

**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](http://WWW.GUAMPO.ORG)



# Technical Coordinating Committee

## Meeting Minutes of November 8, 2021

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

### Attendance

Tyler Meyer	<i>TCC Chair</i>	Mark Kirstner	<i>PART</i>
Craig McKinney	<i>MPO Staff</i>	Michael Abuya	<i>NCDOT TPB</i>
Lydia McIntyre	<i>MPO Staff</i>	Sandra Aguilar-Hernandez	<i>NCDOT TPB</i>
Gray Johnston	<i>MPO Staff</i>	Scott Whitaker	<i>Town of Summerfield</i>
Yuan Zhou	<i>MPO Staff</i>	Sean Taylor	<i>Town of Oak Ridge</i>
Chris Spencer	<i>GDOT/Engineering</i>	Stephen Robinson	<i>NCDOT Div. 7</i>
Deniece Conway	<i>GDOT/Engineering</i>	Tamara Njegovan	<i>NCDOT Div. 7</i>
George Linney	<i>GTA</i>	Susette Morales	<i>FHWA</i>
		Elizabeth Jernigan	<i>GSO Parks &amp; Rec</i>
		Suzanne Akkoush	<i>PTLAA</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. In addition, Michael Abuya recognized Sandra Aguilar-Hernandez, an NCDOT apprentice/trainee who was observing the meeting to learn about the MPO process.



## Action Items:

### 1. September 20, 2021 Meeting Minutes

Tyler Meyer asked if any changes were needed to the minutes. It was noted that Tamara Njegovan's last name had been misspelled. Meyer asked Craig McKinney to note the correction for the record. No other changes were identified.

*Stephen Robinson moved to approve the minutes of September 20, 2021. Mark Kirstner seconded. The TCC voted unanimously to approve.*

### 2. MTIP Modification: MPO Rail Project

Tyler Meyer presented an adjustment to P-5709 Franklin Boulevard Grade Separation. This project was identified by the MPO and submitted under the STI prioritization process several years back. The department has been working on the project since it was selected for inclusion in the TIP. However, the design phase is taking a bit longer than they had previously expected, so they have identified a need to shift the construction schedule from 2023 to 2024. The right-of-way and utility schedule would remain in fiscal year 2022.

The construction phase was previously listed as just one lump sum in the year of construction, and this modification instead cash flow construction expenses over three years in keeping with current best practice financial management approaches the DOT is using more often these days. The recommendation is to approve the modification.

*Sean Taylor moved to approve recommendation to TAC. Scott Whitaker seconded. The TCC voted unanimously to approve.*

### 3. MTIP Modification: MPO Roadway Projects

Tyler Meyer stated this action addresses three STI projects: R-5823 NC 68 widening from south of I-73 to NC 65 west; U-4015A, Gallimore Dairy Road widening between NC 68 and I-40; and U-6008, interchange improvements at New Garden Road at Bryan Boulevard which currently includes a new ramp heading westbound on Bryan Boulevard.

For R-5823 (NC 68 widening), a funding modification will increase the budget based on current cost estimates. A \$5.1 million addition increases total right-of-way funding to \$10.5 million. An \$11.2 million addition increases construction funding to \$24 million. For U-4015A (Gallimore Dairy Road widening), the action reduces right-of-way funding slightly and increases construction funding by \$2.5 million to a new total of \$6.1 million. The action also adjusts the Build NC bond payback provisions. For U-6008 (Bryan Boulevard interchange), the action pushes the implementation schedule back five years. The reason is traffic patterns at this location have been changing since the Urban Loop northern sections began opening. In particular, traffic from the east side of the interchange on New Garden Road decreased between 2017 and 2019 from about 28,000 to about 21,000.

Based on this GDOT and NCDOT Division 7 agreed to wait until the Urban Loop opens all the way to US 29 and then give it year or two to see how the traffic pattern changes. When new roads and new road capacity open, it takes traffic a while to settle into a longer term pattern, so this extra time would help to ensure the project is appropriately designed to meet future needs. On that point, additional purposes of the project include improving safety by addressing crash patterns at this

location and improving pedestrian and bicycle access across the bridge. This additional time and review of the data will help ensure that the project is scoped in a way that meets the long-term needs in an appropriate and targeted fashion.

Meyer concluded saying the recommendation would be to modify the MTIP for these changes.

*Michael Abuya moved to approve recommendation to TAC. Chris Spencer. The TCC voted unanimously to approve.*

#### **4. MTIP Modification: MPO Greenway Project**

Tyler Meyer presented a modification to project EB-6037C, Downtown Greenway Phase Four / the first phase of the Atlantic and Yadkin Greenway out of downtown. This project was first funded under a NCDOT 2019 statewide call for Rail Banking projects. More recently, the MPO and NCDOT added BGDA funds to supplement the construction budget. The City has been working hard to get this project ready for construction authorization, but ran into some difficulties with the right-of-way phase, so it took longer than expected. Specifically, some of the appraisals had to be redone which added time to the process. The right-of-way phase is now at its conclusion with right-of-way certification imminent. The Categorical Exclusion (environmental document) is approved and in good order. Construction authorization is expected very soon. However, it is necessary to shift the construction from fiscal year 2021 to 2022 for this to occur meaning this schedule adjustment will allow that project to proceed to construction in the very near future. The recommendation is to approve the MTIP modification.

*Chris Spencer moved to approve recommendation to TAC. Michael Abuya seconded. The TCC voted unanimously to approve.*

### **Business Items / Potential Action Item(s):**

#### **1. 2022 Meeting Calendar**

Tyler Meyer stated the 2022 TCC Meeting Calendar follow the same format as the current 2021 calendar. He asked TCC to advise if they were aware of any conflicts with the proposed meeting dates. None were identified. Meyer then asked TCC to advise if they become aware of any conflicts, and noted that TCC meetings might need to shift to Mondays rather than Tuesdays for some months but that would be determined later. He then asked the TCC for a motion to approve.

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

#### **2. Proposed Regional Transportation Demand Management Program**

Lydia McIntyre introduced a presentation by PART with potential action item in the form of a resolution of support. She related that PART has been working with area MPO staff, including her and Gray from GUAMPO, to develop a new vision and approach for transportation demand management for the region. She noted how this effort dovetails with statewide documents such as NCDOT's recently approved VMT (vehicle miles traveled) Reduction Report and newly minted taskforce for VMT reduction as well as local efforts such as the GSO24 Comp Plan which includes a goal for Greensboro to become a "car optional City". McIntyre then introduced PART Planning Director Mark Kirstner to make a formal presentation on the topic

Mark Kirstner commented on the background on his first slide, stating you may recognize this background because I have used it before. It is perhaps a subliminal message about what we need to

do in a concerted way at the regional level to promote other modes of transportation. As Lydia mentioned, PART has long managed a regional TDM program that has consisted primarily of a vanpool program, which historically had over 50 vanpools operating across the region at a time. The pandemic hit vanpool ridership even worse than public transit ridership though. I do not know the exact number as of today, but somewhere around 15 vanpools are still operating. There is some indication that that is not going to come back the way that it was before as with many other things.

Kirstner then talked about what TDM is including all the obvious standard types of things included under TDM. He spoke about why this needs to be a regional initiative: travel is regional and in more and more regions, TDM is becoming regionalized in its scope. Kirstner then noted the NCDOT Rideshare Grant funding that has supported PART TDM since 2000. He said part of money can be grown and one of the ways to grow it is to regionalize this whole effort. By working together, Triad area MPOs and PART can take advantage of common marketing or communications strategies, regionally interconnected services and options, and economies of scale on joint projects.

Kirstner talked at length about the effort, going from the foundational principles of TDM to many of the specific initiatives currently underway in the various MPOs and in the region as a whole. Highlights include the regional AVL RFP, efforts to coordinate website messaging, efforts to improve pedestrian, bicycle, and transit mobility, innovative parking management programs, and efforts to think out of the box about what the future may hold and how we can collectively work to help the regional make strides in these areas.

Kirstner closed by noting that PART was approached by NCDOT Integrated Mobility Division to participate in a Mobility as a Service Technical Assistance program. This is a national program through the National Center for Mobility Management. Kirstner and Sabrina Glenn from PART and two members of NCDOT will go through this training early in January. They look forward to sharing what they learn and hope there may be some funding available for a pilot project related to MAAS here in our region. On a similar note, PART is slated to be designated as a commute-friendly NC agency. This is another regional program, and we are hoping that both MPOs as well as cities and companies will participate. There are bronze, silver, and gold levels of recognition under the program to recognize agencies that are going a beyond the norm in terms of providing mobility options for their employees.

McIntyre noted that Kirstner gave us a good overview. She stated that she and Gray Johnston have been serving on the advisory committee for the regional TDM rethink and that it was a promising initiative. Gray Johnston added that Greensboro's FTA grant under the Helping Obtain Prosperity for Everyone program will focus on some of the issues Mark highlighted. The grant provides for the City to create a plan for digital inclusion to provide folks access to Mobility as a Service platforms through solutions like providing WiFi at bus stops and on buses and expanding access to digital payments for the unbanked population. The RFP for the plan will be released in January 2022.

Tyler Meyer thanked Johnston for mentioning that. He commended Kirstner and PART for their initiative in pursuing a renewed vision for TDM in the region.

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

### 3. Division Engineer Updates

Stephen Robinson noted the Division project information in the packet. He highlighted the signal and reconfiguration of Wendover Avenue ramp at Westover Terrace, is in its final stages of construction and that should be entirely completed by the end of the year. But aside from that, there's still some various updates. Some of our guardrail has ended up being a little bit delayed getting the contractor out there, but that's about it and if there's any questions that I can help answer or clarifications, I'd be more than happy to help if I can. Meyer commended Division 7 on the Westover Ramp, noting it is a needed safety improvement.

### 4. Project Updates

Craig McKinney presented MPO locally administered project updates.

- U-5532 A, Josephine Boyd Corridor: paving complete, signals installed, final pavement markings pending.
- U-5306, Battleground at Westridge: paving complete, final pavements marking delay due to equipment break down, expected completion as weather permits.
- U-5326, Market/College intersection: Pavement markings should be complete in a week or two.
- Current Bid Openings:
  - October 18, C-5555E Armen Construction was low bidder at \$852,982
  - November 10: U-5532K Yates Construction was low bidder at 528,464
- Bid Openings Expected by February:
  - U-5532 E Sidewalk Improvements
  - EL-5101DJ Murrow Blvd Bridge Repair
  - EB-6037C Downtown Greenway Phase 4

Tyler Meyer added that the City has advertised the Household Travel Survey Project. Bids have been received. Vendor selection process is underway. Next steps include bringing the contract package to City Council for consideration of the contract authorization. Hopefully the schedule of kicking off the project in early 2022 can be maintained. It is all pretty time sensitive with a good amount of preparation that has to be done in the spring so that the survey can be administered at the ideal time, which is in the fall.

### 5. Strategic Reports

Tyler stated the much discussed infrastructure bill is at the White House awaiting signature. The Infrastructure Investment and Jobs Act (IIJA) reauthorizes surface transportation programs, and replaces the current FAST Act. The IIJA extends FY 2021 funding levels to FY 2022 and ramps up the funding between 2023 and 2026. The total period covered is five years. For Amtrak, the IIJA investment exceeds the sum total of all federal investment in the system since it was cobbled together from freight rail companies former passenger rail operations in the early 1970s. The IIJA also provides funding for electric vehicle charging stations and for ports, waterways, road safety, airports, and reconnecting communities. Though some new programs will increase funding for some types of projects, notably safety, the increased federal funding levels will not be enough to resolve the issues with the cost increases and the next STIP, but it will certainly help. For transportation investment in general, for the MPO, and for the NCDOT, it is certainly very welcome news that will



lead to a lot of needed and timely investment. Meyer then noted the NC State Budget is not yet finalized and approved but hopefully it will be in the near future. The state budget proposals include funding for restoring State Maintenance Assistance Program funding for transit systems, which would be very welcome reinstatement of longstanding state funding support for transit system operations.

Meyer then asked Craig McKinney to discuss the LUV Trails app. This enables trips to be counted and donations to be made on a one time or recurring basis. McKinney stated a demonstration is scheduled Friday at Triad Park with zoom access as well. Elizabeth Jernigan added that this is something she has been working on with LUV Trails for a while. It has been used predominantly in the northeast and out west, mainly for mountain biking trails, but we are really expanding it into hiking trails as well. It is essentially a QR code. Once you have downloaded the app and connected it to Strava, whenever you are near a LUV Trails' trail, it gives you the option to donate to support that trail. Proceeds then go Parks and Rec with support for mountain biking trails will go directly to Piedmont Fat Tire. There is no cost to the app manager. They just take a small percentage off the top from the LUV Trails' for administrative support. We have the signs promoting the app and we have it set them up on our trail system.

## **Other Items**

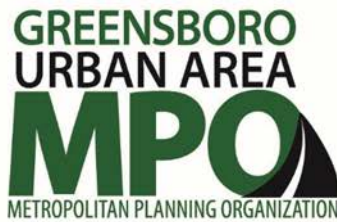
### **1. Member Updates**

Mark Kirstner added another activity that we are involved in with all the MPOs in the region is a tour-based truck model. We are trying again to collect driver surveys needed to provide actual trip data from our region for validate and calibrate the model. This effort started about two years back. Following a pandemic delay we are back at it. Getting sufficient responses has been extremely difficult and quite frustrating. I hope that the needed response threshold can be reached this time around.

### **2. Wrap-Up & Adjournment**

Tyler Meyer advised that the TAC meeting will be November 21, 2021 at 2:00 PM and thanked everyone for attending.

**Tyler Meyer adjourned the meeting at 3:00 PM.**



## FY 2020-2029 MTIP Modification: MPO Area STI Sidewalk Projects

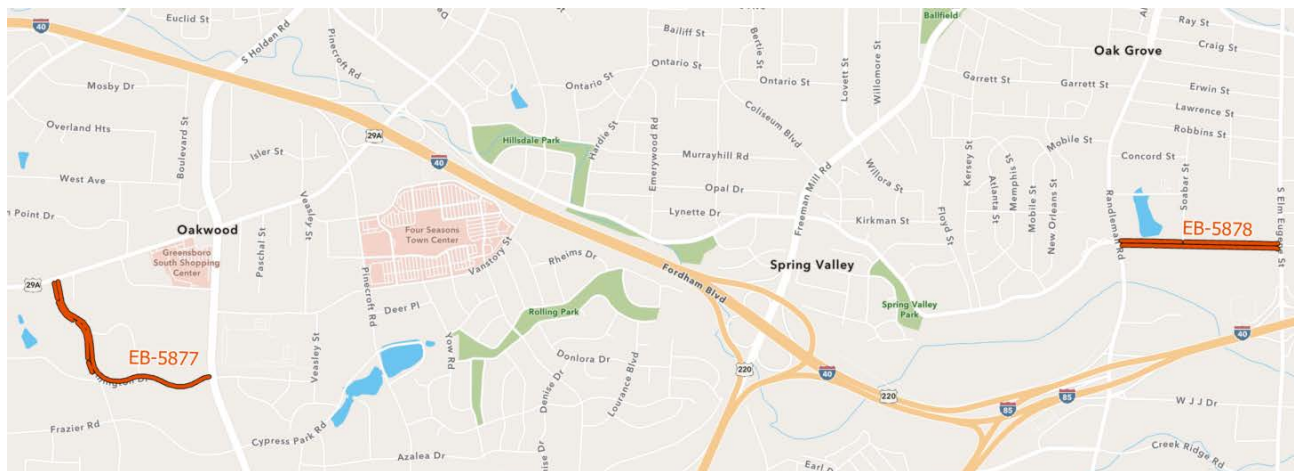
### Background

Projects EB-5877 and EB-5878 are MPO identified, STI selected pedestrian improvement projects in Greensboro. The City of Greensboro has requested a schedule adjustment to accommodate current project status.

### MTIP Administrative Modification Description

The City requests a schedule change for the EB-5877 Farmington and EB-5878 W. Meadowview sidewalk projects to shift the right-of-way phase from FY 2021 to FY 2022. Both projects were previously expected to enter the right-of-way phase by September 2021. That was not able to occur due to technicalities with the environmental document consultation forms that required additional time to resolve. Those technicalities have now been resolved and the projects are on track to receive their right-of-way authorization in December 2021.

- **EB-5877:** Construct sidewalk on Farmington from Holden to W. Gate City. *Shifts right-of-way from FY 2021 to FY 2022.*
- **EB-5878:** Construct sidewalk on W. Meadowview from Elm-Eugene to Randleman. *Shifts right-of-way FY 2021 to FY 2022.*



### Recommended Action & Next Steps

Endorse the administrative modification on sidewalk projects EB-5877 and EB-5878.

**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

## MTIP Modification Details

STATUS	ID #	DESCRIPTION	FUNDS	PHASE	FY 2020	FY 2021	FY 2022
Current	EB-5877	Construct sidewalk on Farmington Dr from Holden to W. Gate City Blvd	L	CST		<del>\$ 48,000</del>	
			L	R/W		<del>\$ 12,000</del>	
			TAANY	CST			\$ 240,000
			TAANY	R/W			\$ 60,000
Change	EB-5877	Construct sidewalk on Farmington Dr from Holden to W. Gate City Blvd	TAANY	R/W			\$ 48,000
			L	R/W			\$ 12,000
			TAANY	CST			\$ 240,000
			L	CST			\$ 60,000
Current	EB-5878	Construct sidewalk on W. Meadowview from Elm-Eugene to Randleman	L	CST		<del>\$ 41,000</del>	
			L	R/W		<del>\$ 10,000</del>	
			TAANY	CST			\$ 207,000
			TAANY	R/W			\$ 52,000
Change	EB-5878	Construct sidewalk on W. Meadowview from Elm-Eugene to Randleman	TAANY	R/W			\$ 41,000
			L	R/W			\$ 10,000
			TAANY	CST			\$ 207,000
			L	CST			\$ 52,000

### Notes:

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

### Funding Sources Key:

**TAANY:** *Transportation Alternatives, any area*

**L:** *local matching funds*

**RESOLUTION ENDORSING THE GREENSBORO URBAN AREA  
FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:  
MPO AREA STI SIDEWALK 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 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 projects EB-5877 and EB-5878 were selected under STI and the City of Greensboro requested to change the schedule of these projects based on status of the projects to shift the right-of-way phase from FY 2021 to FY 2022; AND

WHEREAS, the administrative modification of EB-5877 and EB-5878 will make the needed change to shift right-of-way from FY 21 to FY 22; AND

WHEREAS, Greensboro Urban Area MPO made the administrative modification to the 2020-2029 MTIP on December 8, 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 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 that the Greensboro Urban Area Transportation Advisory Committee acknowledges and endorses the administrative modification made for the projects EB-5877 and EB-5878 to the FY 2020-2029 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, December 15, 2021.

\_\_\_\_\_  
Chair, Transportation Advisory Committee

\*\*\*\*\*

Subscribed and sworn to me on this day, December 15, 2021.

\_\_\_\_\_  
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  
Date: December 15, 2021

## **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 Downtown Parking Plan & Accounting purposes**

The recommended UPWP amendment will provide for development of a Greensboro Downtown Parking Plan. Factors contributing to the need for the project include significant land use changes, changes in parking inventory, new technology and data, new travel options, evolving enforcement practices, travel behavior changes, major new destinations like GPAC, and community expectations. An up to date plan that addresses these factors, engages with the community and downtown stakeholders, and identifies strategies to effectively manage parking inventory, pricing, enforcement, and support downtown business, institutional, and residential needs will be very helpful for guiding future parking policy and management. The recommended UPWP amendment also adjusts funding between other line items based on recent forecasting of expenditures and level of effort needed to complete various tasks.

This amendment adds \$180,000 in BGDA funds and \$45,000 local match, bringing the total BGDA funding level to \$380,000 with a \$95,000 match. Amounts for other funding sources remain the same: \$471,928 in FHWA PL funds with a local match of \$117,982; and \$195,322 in FTA Section 5303 matched by \$24,415 local and \$24,415 in state funding. The amount provided by NCDOT for the Household Travel Survey remains the same (federal SPR funds \$659,200 matched by \$82,400 in state funds and \$82,400 in local funds.)

For clarity, new or modified provisions relating to the parking plan are underlined in the remainder of this document.

### **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

**Recommended Action & Next Steps**

- Amend UPWP and modify MTIP on December 15, 2021.
- NCDOT & FHWA approval will follow.

**Enclosures**

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

# 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.

**GUAMPO UPWP FY 2021-2022: Administrative Table As Amended 12-15-2021**

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		
<b>II-A Data and Planning Support</b>																						
44.24.00	II-A-1	Networks and Support Systems	\$ 25,000	\$ 100,000	\$ 125,000	\$ 95,000	\$ 380,000	\$ 475,000							\$ 24,415	\$ 24,415	\$ 195,322	\$ 244,153	\$ 144,415	\$ 24,415	\$ 675,322	\$ 844,153
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -	\$ -				\$ 82,400	\$ 82,400	\$ 659,200	\$ 824,000							\$ 82,400	\$ 82,400	\$ 659,200	\$ 824,000
44.23.02	II-A-3	Transportation Modeling	\$ 17,500	\$ 70,000	\$ 87,500														\$ 17,500	\$ -	\$ 70,000	\$ 87,500
<b>II-B Planning Process</b>																						
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	\$ -	\$ -	\$ -														\$ -	\$ -	\$ -	\$ -
<b>III-A Planning Work Program</b>																						
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
<b>III-B Transp. Improvement Plan</b>																						
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
<b>III-C Cvl Rgts. Cmp./Otr .Reg. Reqs.</b>																						
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	\$ -	\$ -	\$ -														\$ -	\$ -	\$ -	\$ -
<b>III-D Statewide &amp; Extra-Regional Planning</b>																						
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 1,250	\$ 5,000	\$ 6,250														\$ 1,250	\$ -	\$ 5,000	\$ 6,250
<b>III-E Management Ops, Program Suppt Admin</b>																						
44.27.00		Management Operations	\$ 13,232	\$ 52,928	\$ 66,160														\$ 13,232	\$ -	\$ 52,928	\$ 66,160
<b>TOTALS:</b>			<b>\$ 117,982</b>	<b>\$ 471,928</b>	<b>\$ 589,910</b>	<b>\$ 95,000</b>	<b>\$ 380,000</b>	<b>\$ 475,000</b>	<b>\$ 82,400</b>	<b>\$ 82,400</b>	<b>\$ 659,200</b>	<b>\$ 824,000</b>	<b>\$ 24,415</b>	<b>\$ 24,415</b>	<b>\$ 195,322</b>	<b>\$ 244,153</b>	<b>\$ 319,797</b>	<b>\$ 106,815</b>	<b>\$ 1,706,450</b>	<b>\$ 2,133,063</b>		
			Local	Federal	Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal		Local	State	Federal	Grand Total		
			PL 104			BGDA			SPR				5303				Totals					

## FY 2020-2029 MTIP Modification for BGDA Supplemental Funds

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

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

## 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
<b><u>Surveillance of Change</u></b>					
ongoing data collection					
<b><u>Metropolitan Transp. Plan</u></b>					
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					
<b><u>Planning Work Program</u></b>					
ongoing activities					
<b><u>Update Coordinated Human Services Transportation Plan</u></b>					
Transp. Improvement Program					
ongoing TIP administration					
administer 2020-2029 TIP					
develop 2024-2033 TIP					
develop 2026-2033 TIP					
<b><u>Cvl Rgts. Cmp./Otr .Reg. Reqs.</u></b>					
Environmental Justice analysis & outreach efforts - ongoing					
<b><u>Incidental Plng./Project Dev.</u></b>					
ongoing activities					
<b><u>Management &amp; Operations</u></b>					
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
---------	-------------------------	------------------------------	------------	----------	----------

**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 &  
MODIFYING THE FY 2020-2029 METROPOLITAN TRANSPORTATION IMPROVEMENT 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 provide for a Greensboro Downtown Parking Plan and to make accounting adjustments more generally; AND

**WHEREAS**, the accounting adjustments for this action include an increase in the Surface Transportation Block Grant Direct Apportionment supplemental funds and the needed Metropolitan Transportation Improvement Program modification is incorporated in this action; 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 December 15, 2021

\*\*\*\*\*

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, December 15, 2021.

\_\_\_\_\_  
Chair, Transportation Advisory Committee

\*\*\*\*\*

Subscribed and sworn to me on this day, December 15, 2021.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

**Prioritization 6.0 Scores for Statewide Mobility Projects**

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Statewide score Out of 100	Regional Score Out of 70	Statewide rank Out of 462	MPO rank Out of 13
A192657	Aviation	GSO Piedmont Triad International Airport	Runway 14- 32 extension, will prove future operation projections and improve capacity.	\$ 1,500,000	90.13	61.89	5	1
R192675	Rail	NS cross at Mackay Rd	Grade separation, relocating Atwater Dr.	\$ 15,200,000	89.27	61.49	6	2
A192659	Aviation	GSO Piedmont Triad International Airport	New taxiway to increase capacity and improve aircraft movement.	\$ 1,000,000	80.13	55.11	25	3
R192678	Rail	NS Main Line cross NC 150	Construction of grade separation, closure of at-grade crossing	\$ 10,427,756	78.16	54.22	30	4
H171404	Highway	US 29	Implement Access Management and Safety Improvements from Gate City Boulevard to Summit Hills Drive. (U-6100)	\$ 106,553,000	76.69	47.20	39	5
H191180	Highway	I-40 at Mount Hope Church Road	Construct Roundabout, Implement Access Management and Realignment of Knox Road.	\$ 19,700,000	69.54	45.93	106	6
R192640	Rail	NS H Line cross Wgoner Bend Rd	Construction of grade separation, closure of at-grade crossing of Wagoner Bend Rd., Buchanan Church Rd., and Naco Rd Extension.	\$ 7,900,000	65.84	42.24	152	7
R192676	Rail	NS H Line cross Rudd Station Rd	Construction of grade separation, closure of at-grade crossing	\$ 10,976,534	65.41	41.60	136	8
H111122	Highway	NC 68	Widen the roadway from Triad Center Dr. to Pleasant Ridge Rd	\$ 54,900,000	63.96	36.83	174	9
H090142-C	Highway	US 158	Widen to Multi-Lanes from Anthony Road in Forsyth County to US 220. (R-2577C)	\$ 151,500,000	54.34	31.87	279	10
A192661	Aviation	GSO Piedmont Triad International Airport	Construct perimeter fencing to improve safety around the airport	\$ 1,000,000	53.65	35.48	286	11
A192660	Aviation	GSO Piedmont Triad International Airport	Construct Perimeter Road on southeast side of the airport to improve safety, access, and response time for emergency vehicles	\$ 1,000,000	26.78	20.74	418	12
R192674	Rail	NS K Line	Construction of rail spur to PTIA site, includes improvements for siding and Phase 1 improvement	\$ 4,600,000	7.46	6.21	448	13

### Prioritization 6.0 Scores for Regional Impact Projects

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Regional Score Out of 70	Division Score Out of 50	Regional Rank Out of 90	MPO rank out of 13
H184297	Highway	US 220 (Wendover Avenue) at Church Street	Increase intersection capacity including turn lanes across bridge over railroad	\$ 2,500,000	53.72	40.53	2	1
H191181	Highway	Various	Upgrade Signal System	\$ 26,062,000	52.00	38.95	4	2
H190914	Highway	NC 150 at Strawberry Road (Town of Summerfield)	Construct Lanes at Intersection.	\$ 2,500,000	43.86	33.57	12	3
H190913	Highway	NC 150 at Bunch Road (Town of Oak Ridge)	Improve Safety and function of Intersection.	\$ 2,500,000	42.79	32.34	16	4
H090203	Highway	US 70 (Church Steet)	Widen to Multi-Lanes from Rock Creek Dairy Road to University Drive in Alamance County. (R-2910)	\$ 66,500,000	39.28	31.65	27	5
H191913	Highway	NC 150 at Bunch Road (Town of Oak Ridge)	Improve Safety and function of Intersection.	\$ 2,900,000	32.45	24.47	48	6
H172296	Highway	NC 62 at Randleman Road	Add Turning Lanes at Intersction. (U-6212)	\$ 2,500,000	28.00	17.85	58	7
H090351-BB	Highway	US 70	Widen to Multi-Lanes from Birch Creek Road to Knox Road. (U-2581BB)	\$ 15,700,000	25.93	21.51	64	8
H191910	Highway	US 70 (Wendover Avenue) at Benjamin Parkway	Improve Interchange For Safety and Accommodate Bicycle and Pedestrians.	\$ 56,000,000	25.80	19.17	65	9
H090351-BC	Highway	US 70 (Wendover Avenue) at Benjamin Parkway	Improve Interchange For Safety and Accommodate Bicycle and Pedestrians. (U-2581BC)	\$ 29,700,000	25.40	20.42	66	10
H191551	Highway	US 70 (Burlington Road)	Improve Traffic Flow By Adding Lanes between Old Burlington Road and I-785/ I-840.	\$ 6,500,000	20.79	11.74	78	11
H190952	Highway	NC 150 (Oak Ridge Road) at Brookbank Road (Town of Summerfield)	Realign Intersection and Add Turning Lanes.	\$ 2,500,000	19.19	12.50	82	12
R190772	Rail	CSX S, NS H, NS Main	6th frequency addition to Charlotte to Raleigh service. Requires improvements to H Line between Greensboro and Raleigh.	\$ 490,000,000	17.11	13.76	85	13

### Prioritization 6.0 Scores for Division Need Projects

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Division Score Out of 50	Division Rank Out of 137	MPO rank out of 55
B193142	Bicycle & Pedestrian	N. Buffalo Creek Greenway (Phase 1) & Tankersley Greenway	Construct greenway projects 1) North Buffalo Greenway: from existing greenway east of Yanceyville Street to Summit Avenue 2) Tankersley Greenway: a sidepath on Tankersley Drive by Moses Cone Hospital from the existing Latham Park Greenway at Elm Street at the west end and to a future sidepath on Church St at the east end.	\$ 2,937,620	43.85	1	1
B172032	Bicycle & Pedestrian	Summit Ave	Construct sidewalk, bike lanes, and streetscape improvements from Sullivan St to Fourth St	\$ 2,256,231	43.68	2	2
B193475	Bicycle & Pedestrian	West Gate City Boulevard	Construct sidewalk or sidepath and upgrade traffic and pedestrian signals from Coliseum Boulevard to Murrow Boulevard	\$ 7,994,400	42.45	4	3
B193144	Bicycle & Pedestrian	West Gate City Boulevard	Smart corridor project from Elm Street to I-40	\$ 3,244,041	42.23	5	4
B193165	Bicycle & Pedestrian	A&Y Greenway	Construct A&Y Greenway from North of Benjamin Parkway to South of Rollins Road	\$ 5,941,320	41.15	8	5
B193150	Bicycle & Pedestrian	Lake Daniel & Latham Park Greenway	Greenway repairs and widening from Friendly Avenue to Wendover Avenue. Include replacing 3 bike/ ped bridges.	\$ 3,744,490	40.44	11	6
B193126	Bicycle & Pedestrian	Whittington/Haywood St (1) & Coliseum Blvd (2)	Construct sidewalk on 1) Whittington Street and Haywood Street on the north side from Curtis to Josephine Boyd Street and 2) east side of Coliseum Boulevard from Gate City Boulevard to Marion Street	\$ 1,073,980	40.38	12	7
B193124	Bicycle & Pedestrian	Merritt Drive (1&2) & Gentry St & Spring Garden St & Frazier Rd	Construct sidewalk on 1) on the west side of Merritt Drive from Hewitt Street to Fairfax Road, 2) on Merritt Drive from Gate City Boulevard to Frazier Road where sections are missing, 3) south side of Gentry Street from existing sidewalk to Merritt Dr, 4) on the north side of Spring Garden Street from Merritt Drive to Holden Road, and 5) southern side of Frazier Road from Merritt Drive to Groometown Road	\$ 3,563,460	40.32	13	8
B193164	Bicycle & Pedestrian	Willow Road Improvements	Construct bike lanes and sidewalk on Willow Road from Gate City Boulevard to Alamance Church Road	\$ 2,522,225	38.83	16	9
B150733	Bicycle & Pedestrian	Church Street	Construct sidewalk on the eastern side of Church Street from Electra Drive to Lees Chapel Road (EB-5996)	\$ 1,263,060	38.72	17	10
B193059	Bicycle & Pedestrian	Battleground Avenue	Construct sidewalk on Battleground Ave from south of Westridge Road to south of Martinsville Road	\$ 1,307,620	38.25	20	11
B193117	Bicycle & Pedestrian	Boulevard St (1) and Boulevard Way (2)	Construct sidewalk 1) where sections are missing on the western and southern side of Boulevard Street from Holden Road to West Avenue, and 2) add and curb and gutter on the eastern side of Boulevard Way from Boulevard Street to Gate City Boulevard	\$ 431,726	38.00	22	12
B193125	Bicycle & Pedestrian	Four Season Blvd (1) & Vandalia Rd (2)	Construct sidewalk 1) where missing on both sides of Four Seasons Boulevard from Creekridge Road to Vandalia Road, and 2) on Vandalia Road from Groometown Road to Randleman Road on both sides where sections are missing.	\$ 2,145,820	37.86	24	13

### Prioritization 6.0 Scores for Division Need Projects

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Division Score Out of 50	Division Rank Out of 137	MPO rank out of 55
B193127	Bicycle & Pedestrian	Westridge Rd (1) & Battleground Ave (2)	Construct sidewalk 1) on both sides of Westridge Road from Friendly Avenue to Whitehurst Road, and 2) on Battleground Avenue from south of Westridge Road to south of Martinsville Road where missing to fill in gaps	\$ 7,153,080	37.79	25	14
B193128	Bicycle & Pedestrian	16th Street	Construct sidewalk 1) on the south side of 16th Street from Yanceyville Street to Cone Blvd; 2) on the north side of 16th Street from Yanceyville Street to Summit Ave; and 3) on the east side from north of Cone Blvd to proposed sidewalk on McKnight Mill Road.	\$ 2,977,800	36.70	29	15
B193112	Bicycle & Pedestrian	Vanstory Street	Construct sidewalk on bVanstory St from Ontario Street to Holden Road	\$ 2,145,820	36.64	30	16
B193149	Bicycle & Pedestrian	East Gate City Boulevard	Construct bike lanes and sidewalk on East Gate City Blvd from Florida to Willow Rd	\$ 2,458,885	36.23	32	17
H190971	Highway	Gate City Boulevard	Implement Access Management and Safety Improvements from Pinecroft Drive to Merritt Drive.	\$ 50,200,000	35.78	33	18
B193119	Bicycle & Pedestrian	Sykes Avenue	Construct sidewalk Sykes Avenue from Calumet Place to Phillips Avenue	\$ 2,365,864	35.77	34	19
B193077	Bicycle & Pedestrian	Cornwallis Drive	Construct sidewalk on Cornwallis Drive from Battleground Ave to Benjamin	\$ 859,260	35.75	35	20
H191942	Highway	Summit Avenue	Construct Turning Lanes, Bike Lanes, and Sidewalks from Cone Boulevard to Bryan Park Road.	\$ 14,800,000	35.27	36	21
B193115	Bicycle & Pedestrian	Lindley Road	Construct sidewalk on Lindley Road from Friendly Avenue to College Road	\$ 1,509,876	34.74	40	22
H191943	Highway	Fleming Road	Construct Turning Lanes from Pleasant Ridge Road to North of Isaccson Boulevard.	\$ 17,900,000	33.72	43	23
B193093	Bicycle & Pedestrian	Glendale Drive	Construct sidewalk on Glendale Drive from Holden Road to Randleman Road	\$ 1,668,896	33.43	45	24
B193122	Bicycle & Pedestrian	Jefferson Road	Construct sidewalk on Jefferson Road from Friendly Avenue to New Garden Road	\$ 2,588,000	33.29	47	25
H190963	Highway	South Elm-Eugene Street	Widen to 5-Lanes from I-85 to Ritters Lake Road.	\$ 8,200,000	32.18	53	26
B193129	Bicycle & Pedestrian	Sands Drive & McKnight Mill Road	Construct sidewalk 1) on the west side of Sands Drive from Cone Blvd to the Wendy's driveway and on the east side from north of the Lowe's driveway to McKnight Mill Road, 2) McKnight Mill Road on the north side from Sands Drive to Joseph McNeil Avenue, on both sides from Joseph McNeil Avenue to 16th Street, and on the north side from McKnight Mill Road from 16th Street to approximately 410 east of 16th Street to existing sidewalk.	\$ 2,083,840	32.11	54	27
H190987	Highway	Pleasant Ridge Road	Construct Roudabouts at Lewiston and Carlson Dairy Roads.	\$ 3,200,000	31.47	57	28
H190967	Highway	Church Street	Widen to 4-Lane Divided from Lees Chapel Road to Whistling Swan Drive.	\$ 40,800,000	30.57	59	29



### Prioritization 6.0 Scores for Division Need Projects

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Division Score Out of 50	Division Rank Out of 137	MPO rank out of 55
H171406	Highway	Pleasant Ridge Road at Fleming Road	Construct Turning Lanes at Intersection. (U-6211)	\$ 4,100,000	29.48	60	30
H190972	Highway	New Garden Road	Realign Intersection at Fleming and Ballinger Roads. (U-6185)	\$ 4,377,600	29.36	61	31
H171856	Highway	McConnell Road at Gorrell Street and Willow Hope Street.	Construct Roundabout at Intersection.	\$ 2,900,000	28.85	66	32
H171811	Highway	North Church Street	Realign Intersecion at Archergate and Spencer-Dixon Roads.(U-6186)	\$ 5,000,000	27.60	71	33
H171685	Highway	McKnight Mill Road at Minorwood Road	Upgrade Intersection. (U-6181)	\$ 2,400,000	25.16	75	34
T192694	Public Transit	New Crosstown Route- Florida St.	Create a new route with 30-minute headways. Need 2 buses, 14 shelters and 41 stops.	\$ 1,163,709	24.86	77	35
T192684	Public Transit	Route 6, Summit Avenue	Reduce headways from 30 minutes to 15 minutes.	\$ 990,000	24.72	78	36
H190918	Highway	Pleasant Ridge Road at Bunch Road (Town of Summerfield)	Realign and Add Turning Lanes to Intersection.	\$ 2,500,000	23.12	84	37
T192685	Public Transit	Route 10, East Market Street	Reduce headways from 30 minutes to 15 minutes.	\$ 990,000	23.00	85	38
T192695	Public Transit	New Crosstown Route- Holden Rd.	Create a new route with 30-minute headways. Vehicles needed are 2 buses. Infrastructure needed is 8 shelters and 34 new stops.	\$ 1,095,066	22.29	89	39
T192683	Public Transit	Route 3, Church Street	Reduce headway from 30 minutes to 15 minutes. Vehicles needed are 2 buses.	\$ 990,000	22.14	90	40
H184085	Highway	Bryan Boulevard	Construct Auxillary Lanes between Holden Road Exit and Westridge Road Exit.	\$ 22,200,000	21.45	93	41
H190910	Highway	McConnell Road	Construct Turning Lanes from US 29 to I-40.	\$ 11,800,000	21.10	95	42
H190957	Highway	Lake Brandt Road at Scalesville Road (Town of Summerfield)	Improve Safety at Intersection.	\$ 2,000,000	20.58	97	43
H191318	Highway	Ritters Lake Road at Pleasant Garden Road	Construct Roundabout.	\$ 2,800,000	18.97	106	44
H192316	Highway	Gate City Boulevard	Implement Smart Corridor from I-40 to Elm-Eugene Street.	\$ 900,000	18.74	108	45
T192692	Public Transit	New Crosstown Route- English St./ Willow Street	Create a new route with 30-minute headways. Need 3 buses, 13 shelters and 19 new stops.	\$ 1,635,831	18.57	109	46
T192686	Public Transit	Route 12 & 13, South Elm Eugene/ Randleman Rd,	Reduce headways from 30 minutes to 15 minutes. Need 4 buses.	\$ 1,980,000	17.71	112	47
T191092	Public Transit	Route 11, Gate City Blvd - Fixed Route	Headway reduction from 30 minutes to 15 minutes. Need 3 more buses.	\$ 1,485,000	17.00	113	48

### Prioritization 6.0 Scores for Division Need Projects

SPOT ID	Mode	Route/Project Name	Description	Cost to NCDOT	Division Score Out of 50	Division Rank Out of 137	MPO rank out of 55
T192693	Public Transit	New Crosstown Route- Cone Blvd.	Create a new route with 30-minute headways. Need 4 buse, 15 shelters and 63 new stops.	\$ 2,176,587	16.86	114	49
T192682	Public Transit	Route 1, Spring Garden/ W Wendover	Reduce headways from 30 minutes to 15 minutes. Need 3 buses.	\$ 1,485,000	14.72	120	50
T192696	Public Transit	New Crosstown Route- New Garden Rd.	Create a new route with 30-minute headways. Need 3 buses, 11 shelters and 38 new stops.	\$ 1,624,662	14.43	122	51
H171371	Highway	Pleasant Garden Road	Construct Roundabouts at Spur and Nesbit Roads.	\$ 4,500,000	13.60	127	52
H184276	Highway	Air Harbor Road at Bass Chapel Road	Construct Roundabout.	\$ 3,200,000	13.37	128	53
B193166	Bicycle & Pedestrian	Piedmont Greenway (Phase 1)	Construct Piedmont Greenway (Phase 1) from A&Y Greenway (near US 220) to I-73	\$ 3,360,000	11.75	133	54
T192691	Public Transit	Route 8, Battleground Avenue	Reduce headways from 30 minutes to 15 minutes. Need 2 buses.	\$ 990,000	11.71	134	55

**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 <b>Greensboro</b>	4/19/21	Feb. 2022 Sep. 2021	\$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 <b>Greensboro</b>	4/20/21	Feb. 2022 Sep. 2021	\$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 <b>Greensboro</b>	5/6/2022 11/4/2021	FY 2024 FY 2023	\$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	12/31/2021 10/31/2021	\$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 <b>Greensboro</b>	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 <b>Greensboro</b>	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	3/31/2022 1/31/2022	\$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 <b>Greensboro</b>	9/15/22 2/17/22	FY2025 FY2024	\$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 <b>Greensboro</b>	11/16/21	FY2023	\$3,650,000	Project let in March 2019, No bids, Re-let June 2019, Bids high not awarded, Re-let scheduled 11/16/21	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 - <b>Final Inspection Pending</b>	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 <b>Greensboro</b>	Apr. 2022	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 <b>Greensboro</b>	Apr. 2022 1/6/2022	Oct. 2022 6/1/2022	\$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 <b>Greensboro</b>	Jan. 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 <b>Gibsonville</b>	Jun. 2022	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 <b>Greensboro</b>	3/17/22	FY2024	\$875,000	Final design underway, ROW acquisition is 80% 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	12/31/2021 FY 2024	\$450,000	Construction Underway	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	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 <b>Greensboro</b>	Jul. 2022	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 <b>Greensboro</b> . 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.	Jul. 2022	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 <b>Greensboro</b>	Jun. 2022	FY2023	\$81,000	Funds approved 6/4/20 but not released. Agreement pending for construction by City of Greensboro	Dawn McPherson
SM-5707I 49147.1.1 49147.2.1 49147.3.1	Traffic signal installation at NC 61 and I-85 NB/I-40 EB ramps south of <b>Whitsett</b>	8/25/21	FY2023	\$100,000	Funds approved 3/5/20 and released 6/23/20. <b>Final Inspection Completed 11/16/21.</b>	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 <b>Greensboro</b>	2/17/22	FY2024	\$1,500,000	Final design underway, ROW certified 2/4/20, advertised, bids rejected, additional let pending	Brian Ketner

**NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT**

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
R-5725 50474.1.1 50474.2.1 50474.3.1	Intersection improvements on NC68 from NC150 to SR 2129 (Fogelman Rd.) in <b>Oak Ridge</b> . 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 <b>underway</b>	Brian Ketner
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 <b>Greensboro</b> .	10/22/22	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 <b>Greensboro</b>	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 <b>Greensboro</b>	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 <b>Greensboro</b>	3/30/23	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 <b>Greensboro</b>	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 <b>Greensboro</b>	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 <b>Greensboro</b> . 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

**NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT**

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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 <b>High Point</b>	12/19/23	FY2026	\$45,700,000	Planning and Design activities underway, Public meeting 8/14/18 - <b>Preliminary ROW work underway</b>	Laura Sutton
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 <b>Greensboro</b> .	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 <b>Greensboro</b>	3/19/24	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 <b>Rockingham Co.</b>	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 <b>Greensboro</b>	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 <b>Greensboro</b>	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 <b>Greensboro</b>	1/20/26	FY2027	\$3,318,000	Planning and design activities underway, Coordinate with B-5718	Kevin Fisher

**NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT**

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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
B-5356 46070.3.FS1	Replace Bridge #299 over South Buffalo Creek on I-40 in <b>Greensboro</b>	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 <b>Greensboro</b>	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 <b>High Point</b>	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 <b>Greensboro</b> to US 158 / NC 14 in <b>Reidsville</b> . 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 <b>Greensboro</b>	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 <b>Greensboro</b>	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 <b>Guilford Co.</b>	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 <b>Greensboro</b> . 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



**NCDOT DIV 7 PROJECTS LOCATED IN GUAMPO - UNDER DEVELOPMENT**

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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 <b>Greensboro</b>	1/1/40	Post years	\$13,661,000	Planning and design activities underway, Coordinate with I-5712 (Public meeting 5/21/19)	Laura Sutton
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 <b>Greensboro</b>	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 <b>Stokesdale</b>	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.**

12/7/2021

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	12/31/2021	99.6	99.6
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	6/30/2021	100	99.94
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	12/31/2021	100	91.33
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	78.47	75.53
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	12/15/2021	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	91.2	83.44
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	93.2	74.62
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	12/1/2021	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	12	8.26
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	61.1	43.07

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

12/7/2021

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	12/31/2021	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	11/9/2021	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	72	68.06
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	11/1/2021	4/15/2021	11/30/2021	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			
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
DG00525		REPLACE BRIDGE #40 ON SR 2735 (SOCKWELL ROAD)	HUNTING CREEK CONSTRUCTION INC	Howell, Bobby J	\$284,444.44	6/28/2021	9/26/2021	7/19/2021	12/31/2021	81	99.81
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				

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

12/7/2021

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
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	60.5	80.25
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	42.7	61.37