



# Technical Coordinating Committee Meeting Agenda

Monday May 6, 2024 at 2:00 PM  
Teams Online Meeting

## **Introductory Items:**

1. Opening remarks / TCC Roll Call /Attendee Verification

## **Action Items:**

1. March 13, 2024 Meeting Minutes
2. Thoroughfare & Collector Plan Amendment: US 158 Stokesdale Bypass
3. MTIP Amendment & Modifications: Statewide Projects
4. MTIP Amendments & Modifications: Aviation, Roadway, and Rail
5. MTIP Amendment & Modification: Bicycle, Pedestrian, and Transit
6. FY 23-24 Unified Planning Work Program Amendment

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

1. TCC/TAC Calendar Changes
2. Division Engineer Report
3. Projects Update
4. Strategic Reports

## **Other Items**

1. Member Reports
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



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# Technical Coordinating Committee Meeting Agenda

Monday May 6, 2024 at 2:00 PM  
Teams Online Meeting

## Action Items:

1. **Thoroughfare & Collector Plan Amendment: US 158 Stokesdale Bypass:** amend plan to remove Stokesdale Bypass Project (R-2577C) following discussions with Stokesdale Town Council, reassessment of project merits by staff and NCDOT, and public comment.
2. **MTIP Amendment & Modifications: Statewide Projects:** amend MTIP for state vegetation management bookkeeping and for add additional funds through FY 28, and amend for NEVI EV infrastructure funds from FY 24 to 26.
3. **MTIP Amendments & Modifications: Aviation, Roadway, and Rail:** modify and amend multiple local projects, shifting construction phases to allow for additional time for planning and preliminary engineering.
4. **MTIP Amendment & Modification: Bicycle, Pedestrian, and Transit:** modify ten local biped and transit projects, including a rectification to add project U-5532C at Rudd Station Road and actions to add federal highway infrastructure earmarks to the A&Y Greenway Extension (BL-0116) and the J. Douglas Galyon Depot renovation (IL-0055).
5. **FY 23-24 Unified Planning Work Program Amendment:** amendment to shift funding between line items for current year UPWP. No change to overall funding level.

## Business Items / Potential Action Items:

1. **TCC/TAC Calendar Changes:** consideration to switch upcoming summer MPO meetings to avoid conflicts and ensure time for planning work items.
2. **Division Engineer Report:** current topics including NCDOT project in the MPO area.
3. **Local Projects Update:** recent and upcoming locally administered project milestones and other information.
5. **Strategic Reports:** discussion of upcoming items and other items of interest.

## Other Items

1. **Member Reports:** Reports from state, local, and city staff.

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F 336 412-6171

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# Technical Coordinating Committee

Meeting Minutes of March 11, 2024

2:00 PM, Greensboro, NC

Zoom Online Virtual Meeting

## Attendance

Tyler Meyer	<i>TCC Chair</i>	Alex Rotenberry	<i>NCDOT IMD PART</i>
Lydia McIntyre	<i>MPO Staff</i>	Elizabeth Jernigan	<i>GSO Parks &amp; Rec</i>
Raunak Mishra	<i>MPO Staff</i>	Jason Geary	<i>GSO E&amp;I</i>
Craig McKinney	<i>MPO Staff</i>	Alex Rosser	<i>PTLA</i>
Gregory Carlton	<i>MPO Staff</i>	Sherria High	<i>GTA</i>
Mary Harward	<i>MPO Staff</i>	George Linney	<i>GTA</i>
Yuan Zhou	<i>MPO Staff</i>	David Pegg	<i>GTA</i>
Tram Truong	<i>MPO Staff</i>	Joshua Hoffman	<i>MPO Intern</i>
Mark Kirstner	<i>PART</i>	Michael Abuya	<i>NCDOT TPB</i>
Kelly Larkins	<i>GSO Planning</i>	Frances Kallam	<i>GSO E&amp;I</i>
Oliver Bass	<i>GC Planning</i>	Matt Talbot	<i>Pleasant Garden</i>
Chris Spencer	<i>GDOT Eng.</i>	Cam Dungee	<i>Sedalia</i>
Deniece Conway	<i>GDOT Eng.</i>	Robbie Wagoner	<i>Stokesdale</i>
Stephen Robinson	<i>NCDOT Div. 7</i>	Irma Zimmerman	<i>TAMS</i>
Nishant Shah	<i>NCDOT Div. 7</i>		



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

### **Introductory Items**

#### **1. Orientation to Teams Software**

Tyler Meyer welcomed everyone to the March virtual meeting and reviewed how to use the Teams software.

#### **2. Opening Remarks and Roll Call**

Yuan Zhou took roll call for the public record inviting TCC members and others to identify themselves in the teams chat.

### **Action Items:**

#### **1. January 29, 2024 Meeting Minutes**

Tyler Meyer asked if any changes were needed to the minutes. No changes were requested. *Scott Whitaker moved to approve the minutes. Mark Kirstner seconded. The TCC voted unanimously to approve.*

#### **2. 2024 TAC Bylaws Update**

Gregory Carlton overviewed a TAC bylaw update that modifies the selection criteria for the position of TAC Town Representative. Carlton stated that the Town Representative position represents all five town governments in the MPO area: Sedalia, Stokesdale, Summerfield, Oak Ridge, and Pleasant Garden. In February, the MPO held a caucus between the mayors from these communities to discuss ways to enhance town participation on the TAC. At that meeting, the mayors decided to institute a new structure for selecting the Town Representative seat. Under this structure, the Town Representative position shall annually rotate between the northern towns (Oak Ridge, Stokesdale, and Summerfield) and the southern towns (Pleasant Garden, and Sedalia). The towns also decided that they would have an alternate member available to attend the TAC meeting should the main Town Representative be unable to attend. The alternate and primary seats will alternate each year between the north and south, such that in a year where the southern towns hold the primary seat, the northern towns would hold the alternate and vice versa. The rotation cycle will begin as of March 2024, and will rotate after twelve months in March 2025. Dean Maddox, Mayor of Pleasant Garden, was selected as the Town Representative and Mayor Jim Kinneman of Oak Ridge will be the Town Alternate. Carlton stated that there will also be an informal internal rotation between the northern towns where they share their representation on the TAC. The recommendation was that the TAC approve the bylaw update to reflect the updated Town Representative selection process.

Scott Whitaker asked for the order of bylaws so they could be reported to Summerfield's council. Carlton responded that the southern towns will be the main TAC seats for 2024 starting in March. Pleasant Garden will hold the seat and Oak Ridge will hold the alternate seat. In 2025 the northern

towns will hold the main seat and the southern town will hold the alternate seat, alternating back and forth every other year. There were no other questions.

*Jason Geary moved to approve the 2024 TAC Bylaws. Kelly Larkins seconded. The TCC voted unanimously to approve.*

### **3. MTIP Amendments & Modifications: Statewide Projects**

Gregory Carlton introduced an amendment and modification to the 2024-2033 MTIP. The items correspond with two statewide projects that needed to be amended and modified to maintain consistency with the STIP. The first of these projects is for M-0563E, which was also amended in the January TAC meeting. The amendment adds \$850,000 to FY 24 and FY 25 for the preliminary engineering phase of the State Resilience Management Program using funds from a federal PROTECT grant. The difference between the new amendment and the previous one from January was that the previous amendment only reflected additional funding for FY 24, but the new amendment also adds \$850,000 for FY 25. The modification is for project R-5966 and adds funding for the Federal Tribal Transportation Road and Bridge Improvement Program for tribal lands in FY 24, 25, 26 and 27. This project was added to the STIP at the request of the FHWA, and even though there are not any federally recognized tribal boundaries within the MPO area, Carlton noted that it is still very important to add the project to the MTIP to maintain consistency with the STIP. The recommendation was that the TCC will approve the statewide amendment and modification to the MTIP.

*Chris Spencer moved to approve the updated MTIP amendments and modifications. Alex Rosser seconded. The TCC voted unanimously to approve.*

### **4. MTIP Amendments & Modifications: MPO Area Roadway Projects**

Gregory Carlton introduced an amendment and modification to the 2024-2033 MTIP. The items correspond with two statewide projects that needed to be amended and modified to maintain consistency with the STIP. The first of these projects is for M-0563E, which was also amended in the January TAC meeting. The amendment adds \$850,000 to FY 24 and FY 25 for the preliminary engineering phase of the State Resilience Management Program using funds from a federal PROTECT grant. The difference between the new amendment and the previous one from January was that the previous amendment only reflected additional funding for FY 24, but the new amendment also adds \$850,000 for FY 25. The modification is for project R-5966 and adds funding for the Federal Tribal Transportation Road and Bridge Improvement Program for tribal lands in FY 24, 25, 26 and 27. This project was added to the STIP at the request of the FHWA, and even though there are not any federally recognized tribal boundaries within the MPO area, Carlton noted that it is still very important to add the project to the MTIP to maintain consistency with the STIP. The recommendation was that the TCC will approve the statewide amendment and modification to the MTIP.

*Mark Kirstner moved to approve. Jason Geary seconded. The TCC voted unanimously to approve.*

## **5. MTIP Amendment & Modification: Non-Highway Projects**

Tram Truong presented the 2024-2033 MTIP amendments and modifications for non-highway projects. The first amendment was to BO-2407, which was previously amended at the January MPO meeting. This project is a part of an ongoing series of the projects to upgrade intersections in Division Seven to provide accessible ADA compliant sidewalk curb ramps using Federal Transportation Alternatives (TA) funds. The division coordinates with the MPO and all regional partners to identify locations to include in these projects. \$1 million USD is allocated for construction and \$100,000 for design work from FY 24 to FY 28. The amendment adds \$50,000 for right-of-way and \$50,000 for utilities annually from FY 24 to 28 using TALT5 and TA funds. The amendment also switches funding sources for engineering and construction from TALT5 to TA, leaving the funding amount unchanged for engineering and construction.

The second item was for a modification to EB-5986, which will construct a side path on the north side of Benjamin Parkway from Elam Avenue to Battleground Avenue. The modification adds \$50,000 in preliminary engineering funds for FY 2024. The last modification was for P-5719C, a project to add new trains and construct a maintenance facility for the Piedmont Corridor. The modification shifts construction from FY 2024 to 2026 to allow additional time for planning and design while leaving the funding amount unchanged at 212,528,000. The recommendation was that TCC would approve the MTIP amendment and modification for the non-highway projects.

Scott Whitaker requested clarification on the estimated cost of the last mentioned project, and Tram confirmed that the cost was 212,528,000 dollars.

*Scott Whitaker moved to approve the minutes. Michael Abuya seconded. The TCC voted unanimously to approve.*

## **6. BiPed Administrative Modification: US 70 & Rock Creek Dairy Road**

Tram Truong introduced an administrative modification to the Bicycle, Pedestrian, and Trails and Greenways Master Plan (BiPed Plan). The modification updates the text and maps of the plan to include two segments of bicycle and pedestrian infrastructure in the vicinity of US 70 and Rock Creek Dairy Road. This update also corresponds with project I-6004, to replace the Rock Creek Dairy Road Bridge over I-40. The first segment along Rock Creek Dairy Road from US 70 to Mackintosh Lake Lane serves as a vital link between diverse residential neighborhoods, commercial areas, and community facilities. Sidewalks are extant in many individual neighborhoods along Rock Creek Dairy Road, but they do not extend to major destinations such as retail centers, restaurants, and places of worship. This lack of continuity hinders safe pathways for cyclists and pedestrians. The BiPed Plan modification will ensure connectivity for the area south of I-40 along Rock Creek Dairy road to the emerging commercial corridor at the intersection with US 70.

The second segment of the modification pertains to US 70 between the Town of Sedalia limit and Golf House Road East. This modification is coincident with recommendations for sidewalk and bicycle lanes that were made in the Town of Sedalia's BiPed Plan which was adopted in 2015, and the MPO BiPed Plan amendment made in 2015. It will connect discontinuous segments of sidewalk along

the corridor and add bicycle lane recommendations to the roadway. Bicycle lanes already exist on Golf House Road, and adding bicycle and pedestrian infrastructure will ensure seamless and safe pathways for cyclists and pedestrians to travel safely to nearby destinations. These recommendations were intended to be added to the BiPed Plan amendment in 2018, but a production error on map 3-5A caused them to be omitted. The recommendation was that TAC would approve the BiPed administrative modification for US 70 and Rock Creek Dairy Road. Abuzuaiter stated the Rock Creek Dairy Road modification is an important project for the region and for community connectivity. Dean Maddox stated that the bicycle and pedestrian improvements are very important for the Town of Sedalia, based on his communications with them

Alex Rotenberry mentioned that the Integrated Mobility Division and the Complete Streets Process has been contacted about the modifications, and the departments are recommending the updates as presented to the TCC. Craig McKinney added that Joseph Furstenberg requested the documents be sent to his agency once the TAC adopts the updates and they will amend the documents. There were no further questions.

*Kelly Larkins moved to approve. Oliver Bass seconded. The TCC voted unanimously to approve.*

## **7. Prioritization 7.0 Local Input Point Methodology**

Lydia McIntyre provided details about the Prioritization 7 local input process for the 2026-2035 TIP. The prioritization process is used by NCDOT to identify the highest need transportation projects submitted by local jurisdictions. The process is data-driven, and the MPO identified and solicited local towns and the city to submit projects in fall 2023. First step is for NCDOT to quantify and assess the submitted projects. Second step is for MPOs, RPOs, and NCDOT Highway Divisions to apply local input points to complete scoring input process.

The local input point process needs to be approved by the TAC at this time. NCDOT Prioritization Office will then review and officially accept the methodology. Once that is complete the MPO will be in position to start in the second phase, the local input point process, which is slated to begin in May 2024 (editor's note: this date has been pushed back since the March meeting).

McIntyre overviewed the criteria and weights recommended for the MPO for the local input point allocation for P7.0. The criteria list is a minor modification to the P6.0 MPO local input methodologies, adding a high injury network criteria to incorporate roadway safety. As in all prior versions, NCDOT's quantitative scores carry the highest weight. Other criteria include multi-modalism, inclusion on the priority needs list (for development later in the process), project feasibility, and economic development impacts.

McIntyre provided a calendar of dates for the Prioritization 7 process. The MPO is still in the first phase of the process where projects submitted by MPOs, RPOs, and NCDOT Highway Divisions are being reviewed and quantitatively scored. This phase will complete when NCDOT will release their quantitative scores and the draft Statewide tier project selection and funding proposal. At that time the MPO will have an opportunity to see which projects at the Regional and Division needs tier did well could be potentially competitive in light of the revenue outlook at that time.

The local input point methodology went out for a thirty day public review period between February 7 and March 7, 2024. Sixteen comments were submitted during the public review period. Over half of respondents stated the opinion that the methodology supports and helps to identify the highest

needed projects. Many of the commenters noted strong support for bicycle and pedestrian projects. A few comments recommended de-emphasizing highway projects, and some commenters thought the MPO should look at setting goals around sustainability, quality of life, as well as transit travel time reduction. A few comments stated opinions critical of road diets, roundabouts, and bike lanes. Overall, respondents thought that the methodology would work to support identifying the highest need projects submitted to NCDOT. The recommendation is that TAC approve the local input point methodology for P7.0. There were no questions, but the group was informed that Irma Zimmerman joined the meeting at the beginning of item 7's presentation.

*Kelly Larkin moved to approve. Mark Kirstner seconded. The TCC voted unanimously to approve.*

## **8. MPO Self Certification**

Tyler Meyer overviewed the MPO Self-Certification which is an administrative action that the MPO takes every year just prior to approving the Unified Planning Work Program for the next fiscal year. This process affirms that the MPO is abiding by legal requirements from various federal laws and regulations based on checklist of items. Meyer shared the checklist and stated that the MPO self affirms through the checklist that it is in compliance. For example, the Self-Certification asks if the MPO has adopted a UPWP. Greensboro has adopted a UPWP, so it would positively affirm this point among others.

Alex Rotenberry asked when the MPO is due next for a certification review. Meyer responded in 2025 and clarified that the self-certification was not to be confused with the periodic certification that USDOT conducts of MPOs over the 200,000 threshold. GUAMPO's last certification included some commendations and certifications, but no corrective actions. There were no other questions.

*Mark Kirstner moved to approve. Matt Talbot seconded. The TCC voted unanimously to approve the modification.*

## **9. FY 2024-2025 Unified Planning Work Program Approval**

Tyler Meyer overviewed FY 24-25 Unified Planning Work Program, which details the MPOs activity for the next fiscal year starting on July 1, 2024, and running through June 30, 2025. The document provides and accounts for the receipt of Federal Highway and Federal Transit Administration grant funding for planning purposes, including BGDA funds flexed over to supplemental planning activities. Meyer provided a slide that demonstrated the funding amounts for the coming year, providing \$2.4 million in the budget. The budget includes a mix of federal funding sources, including funding from the lead planning agency, the city of Greensboro, and matching funds for NCDOT for the transit portion.

This document was reviewed at the January meeting in a preliminary form, but final adjustments were since made. It is now due for approval and submittal to NCDOT before the end of March deadline. Once the MPO acts to approve the UPWP and it is forwarded to NCDOT, they will then combine it into the state planning work program. In this program, they account for the work plans of all the state MPOs, as well as their own transportation planning division activities. The document includes a good amount of documentation and discussion about the items that the MPO is planning to work on and complete over the next year. The main activities for the next fiscal year are going to include participating in the Prioritization 7.0 process for developing the 2026-2035 TIP. There is also going to be a focus on completing development of the new Piedmont Triad Regional Travel Demand model, which includes the validation and calibration phases. This input is going to be



important to support the development of the 2050 Metropolitan Transportation Plan (MTP), which is essentially a federal permit. The MTP is also an extremely beneficial document for the MPO for a plethora of reasons, primarily because it provides a very deep dive into recommended future projects and provides a realistic portrait of infrastructure and transportation service needs over the next 30 years to out a schedule for their expected implementation. It is also used to comply with various regulations and support the TIP.

The MTP development process is also going to include developing a new Comprehensive Transportation Plan (CTP). This document is essentially an unconstrained needs plan that looks beyond the period of an MTP and identifies additional needs. This is in contrast to the MTP which is a federal requirement and is physically constrained to a 30-year window. The CTP is unconstrained, and attempts to find a big picture of what the very long-term transportation needs are expected to be for the region. In this way, it serves as an appendix or a complement to the MTP.

The UPWP also includes the Downtown Transportation Study, which is slated to start in the near future and the East Gate City Boulevard Corridor Improvement Study, which will further define the vision for improving Gate City Boulevard from Murrow Boulevard out to I-40. There are some current projects in that area, but this would look at those projects and beyond them to identify additional future improvement concepts or goals for that corridor in a way that will complement the Gateway Research Campus, the new Windsor Chavis Nocho Community Complex, and with many other activity centers on Gate City Boulevard. In a related but separate study the MPO will review GTA services and other regional services on the entire Gate City Boulevard and will study the potential for a bus rapid transit service along the corridor. The UPWP also specifies that the City will complete the first phase of the Better Bus Stop Study and start the second phase of it.

A major focus of the MPO over the next year will be the completion of a Comprehensive Safety Action Plan. This is not accounted for in the UPWP because it is a direct grant from the USDOT to the city on behalf of the MPO. But it is going to be a major initiative and it is going to be coordinated with all these other items on the list. The recommendation was to approve UPWP for FY 24-25.

*Matt Talbot moved to approve. Mark Kirstner seconded. The TCC voted unanimously to approve the UPWP.*

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

### **1. Coordinated Public Transit Human Services Plan**

Tram Truong provided an update about the development of the Coordinated Public Transit Human Services Plan and Section 5310 funds. This plan needs to be updated every five years and is necessary for regional agencies to receive Section 5310 funding. The 2024 plan update will include socioeconomic data updates and a review of the project selection methodology. The public review period for the plan will take place from March 22 to April 21, 2024. A public meeting will be held virtually on April 11, 2024 from 12 noon to 1 pm. The MPO intends to adopt the plan at the next MPO meeting on May 8, 2024.

The MPO will have a call for projects for section 5310 funds. This program provides enhanced mobility for seniors and individuals with disabilities. Based on previous-year estimates, \$367,000 is available in FY 2024. Truong note that based on a partial year apportionment released by FTA, an

estimated amount of \$465,000 may be available for the Greensboro MPO area in FY 2024. The final amount will be confirmed when the Congress approves the budget. The eligible applicants will include GTA, TAMS, PART, and non-profit organizations operating qualifying services in the Greensboro MPO area. The eligible projects and criteria to select projects are defined in the Coordinated Public Transit Human Services Plan. The call for projects will run from March 22 to April 21. The MPO will scan submissions for eligibility and coordinate with the Winston-Salem MPO to score the projects from April 22 to April 26. The selection of projects will be made by the TAC at the next meeting on May 8, 2024.

Alex Rotenberry questioned if GDOT had been working on this as an extended project or if the presentation was mainly for a light update. Truong responded that her presentation was a light update, seeing as the socioeconomic data and population changed and the methodology was reviewed.

## **2. Division Engineer Report**

Nishant Shah cited the submitted report that features red revisions pertaining to the last report. There were no new updates and no questions from the group.

## **3. Projects Update**

Jason Geary was called on to provide an update on recent and upcoming locally administered projects instead.

- The Davie Street Streetscape Project (Contract 2018-051A) had a bid opening on January 18, 2024. ACCI was the apparent low bidder. Work should begin in May 2024 with a projected completion in September 2025.
- The General Sidewalk Improvement Project (U-5532E) contract was awarded to ACCI. Work is slated to begin on March 11, 2024 with completion by November 2024.
- The Holden Road Sidewalk Improvements (U-5532F) has had its revised plans and specifications approved by NCDOT. The contract includes sidewalk spans on Holden Road, Spring Garden Street, and Rankin Road. The project should begin July 2024 with completion in June 2025.
- The Lake Daniel and Latham Park Reconstruction Project (BL-0041) has had its revised plans and specifications approved by NCDOT. The contract includes rebuilding and widening of trail. Work is scheduled to begin in September 2024 and conclude in December 2025.
- The Downtown Greenway, Phase 4 (EB-6037C) has had good progress made after Yates was able to start work in January. The corridor has been cleared and the contractor is working on the retaining wall at Smith Street and on utilities.
- The Murrow Boulevard Bridge Repairs (EL-5101DR) is in progress, with work ongoing in the westbound lanes. Once the westbound lane repairs are completed, the construction will shift to the eastbound lanes.
- The Eugene and Bellemeade Streetscape Project (Contract 2020-0180) has begun the paving of the final road surface. Work is wrapping up with the striping scheduled to be completed shortly, and trees will be planted at a later date. Geary stated that appreciated the patience of the TAC throughout the span of the project.
- The Greene Street Streetscape Project (Contract 2018-0480) has had its utility conflicts in the northern most block resolved. Storm gutter installation is progressing south of Bellemeade Street. Yates Construction plans to move their crews from the concluding Eugene and Bellemeade Streetscape Project to this project to try to expedite progress.

**Alex Rosser from the Piedmont Triad Airport Authority** provided an update with information

Tyler Meyer provided a local project update on the new Crossmax Purple transit line. The City of Greensboro held an event to celebrate the launch of the Crossmax service on March 4. The service started the day before that. This route is the combination of GTA routes 1 and 10. It creates a single crosstown route that allows one seat rides from GTCC on East Wendover and Penry Road out to the West Wendover Shopping Area.

Lydia McIntyre overviewed the MPO and GTA submission for federal RAISE grant funds. The city has submitted an application for \$2.5 million in funding to do a planning study and design to support infrastructure investments along the new Crossmax Purple route. The grant would help to support sidewalk connectivity and demarcate areas where high visibility crosswalks are needed. The proposed project also includes considerations for EV charging stations at the ends of the corridor as well as street lights for extra safety. The goal would be to complete the planning work and then apply for implementation funding in 2026.

McIntyre discussed the US 158 Bypass Project (R-2577C) around Stokesdale. This item was previously mentioned in the public comment portion of the meeting. The bypass project has been through multiple rounds of prioritization and has not scored well during that time. The Town of Stokesdale asked the MPO to look more closely at the project to see if it is still needed. This action corresponds with the Thoroughfare and Collector Street Plan review for the town. The MPO will host a public review of the bypass starting at the end of April to solicit feedback on whether the route should still be listed in Thoroughfare and Collector Street Plan. The project has a high cost that will need to be considered in relation to its potential benefits.

#### **4. Strategic Reports**

Tyler Meyer added a number of strategic reports. Project B-5713 names a bridge replacement at Willow Road and the Buffalo Creek at I-40. The bridge is slated for construction in 2030, but DOT is doing the project development work now and they've asked the City of Greensboro to give them input on the aesthetic preferences for this bridge. The MPO will try to initiate dialogue in the city and with stakeholders in the area about any preferences for that. Giving input on this project would be helpful because the aesthetic preferences could lend themselves to a larger DOT project for upgrading I-40, which would include replacing multiple bridges as well and work towards cohesiveness within the City.

Suzette Morales offered an update from FHWA, which further details were given in the TCC packet. FHWA has published a Rulemaking for the Highway Safety Improvement Program and various grant funding opportunities and performance management comment opportunities are available.

Alex Rosser from the Piedmont Triad Airport Authority updated the group with information about projects taking place at the airport. The airport is working with NCDOT to pave the Bentley Road Extension which will serve the Marshall Aerospace facility. The airport has a water and sewer permit from the City of Greensboro and a contract will be awarded at the airport board meeting in March to install the water and sewer lines and then NDOT will finish the paving.. The water and sewer project, if awarded at the meeting, will be a 120-day project. The Boom Supersonic Project is still ongoing with slab work. Rosser shared images from both projects and encouraged TAC members to

also view the progress in person. Rosser shared that the North Regional Road Extension to the Boom Supersonic Project was completed on February 20 and NCDOT is still working on the vehicular connection bridge over I-72 near Pleasant Ridge Road. The Cross-Field Taxiway Projects are in phase 2, with embankment placement taking place on the northwest side of the airport for future tenants. The Airport Line-of-Sight project to allow visualization of Taxiway Echo from the tower will take place soon with the removal of a hill that is blocking the view.

## **Other Items:**

### **1. Member Reports**

Tyler Meyer then opened the floor to any updates from member agencies. Alex Rotenberry had two updates: The first one pertained to the open call for DOT's multimodal planning grants. The grant is for municipalities interested in having a standalone bicycle or pedestrian plan, or a joint bicycle/pedestrian plan. The grant is for municipalities of all sizes, see as two recipients from the previous year were Raleigh and Fayetteville. The deadline for that grant is March 25, 2024. The other grant mentioned is the Transportation Demand Management grant that has a due date of March 29, 2024.

Scott Whitaker from Summerfield updated the TCC on the A&Y Greenway project extensions from 220 North to north of Summerfield's community park. Summerfield's council will be voting on the route of the greenway on March 12, 2024, which may lead to abandonment of the current route in favor of a new one.

There were no other updates from TPD, PART, or GTA.

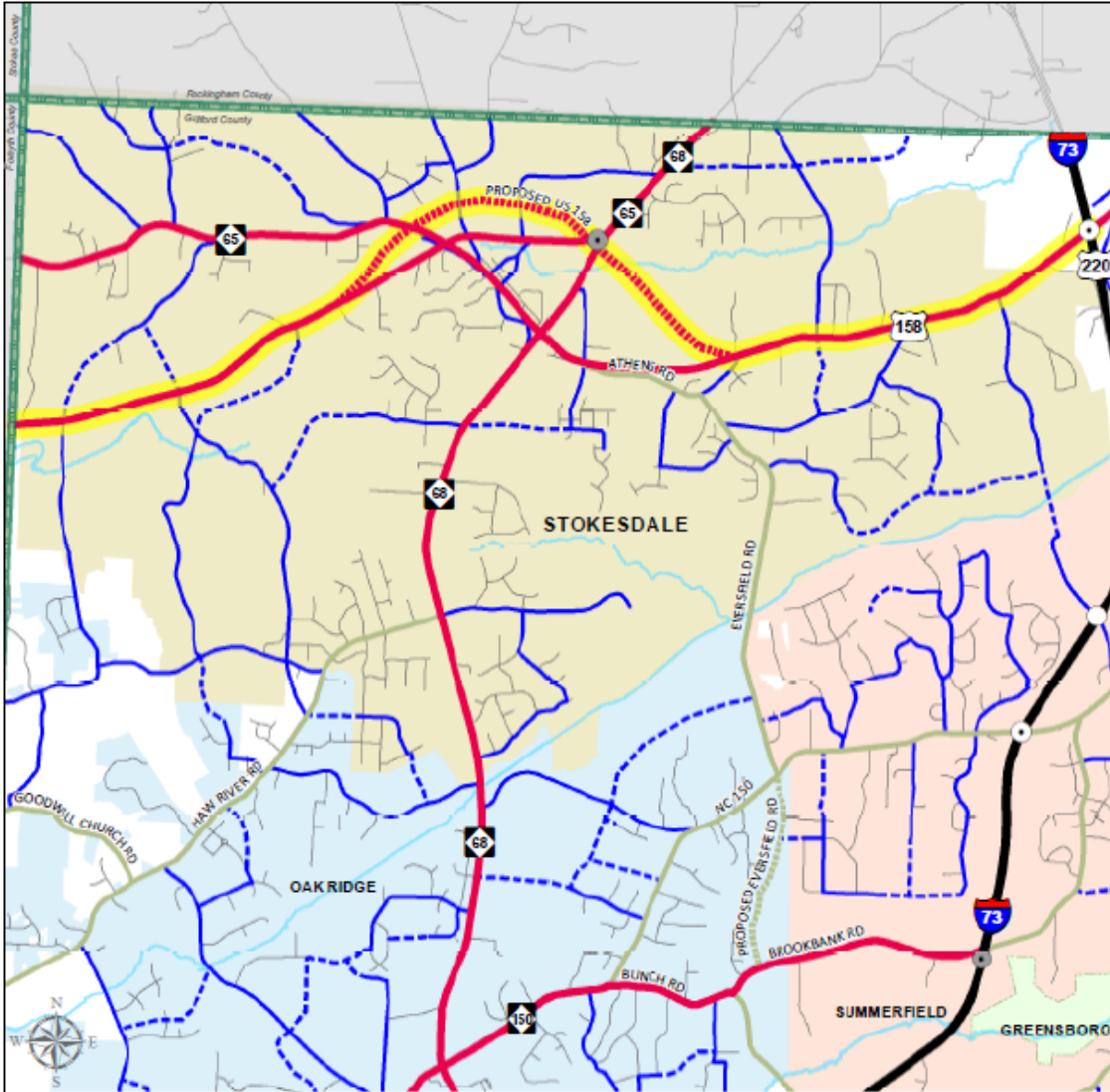
### **2. Wrap-Up & Adjournment**

Meyer noted the next TCC meeting will be held on May 6, 2024 at 2:00 PM.

Matt Talbot made a motion to adjourn, and the motion was accepted by acclamation.

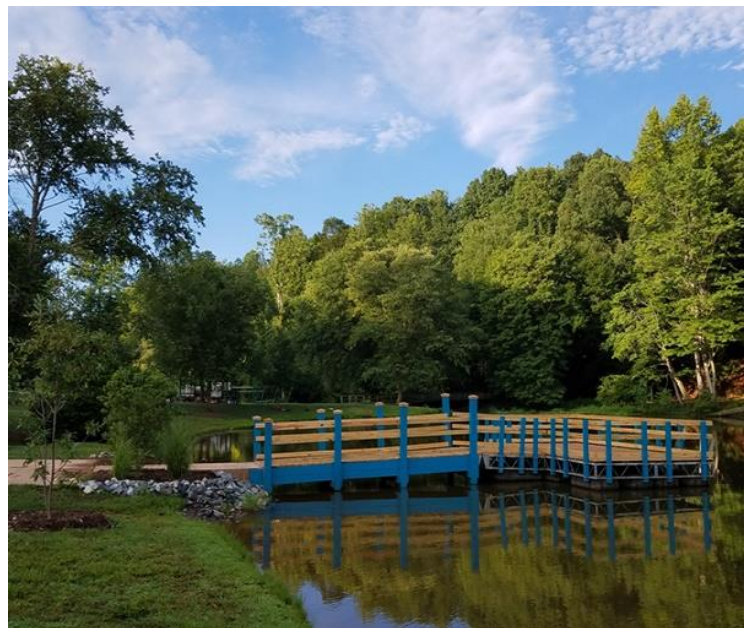
**Tyler Meyer adjourned the meeting at 3:21 PM.**

# Thoroughfare and Collector Street Plan Amendment: US 158 Stokesdale Bypass



May 8, 2024

Greensboro  
Oak Ridge  
Pleasant Garden  
Sedalia  
Stokesdale  
Summerfield  
Guilford County



# Thoroughfare & Collector Street Plan Amendment

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## Executive Summary

This document recommends an amendment to remove the US 158 Stokesdale Bypass from the Thoroughfare and Collector Street Plan. The bypass route was established in 2016 during the alternatives analysis phase of environmental document (approved 2018) for NCDOT project R-2577C to widen US 158 between Anthony Road and US 220 in Stokesdale. Based on that, the alignment was included in the consolidated Thoroughfare and Collector Plan adopted by the MPO in May 2023.

The Stokesdale Town Council, Guilford County Planning Board, and area property owners and residents have requested the MPO reevaluate the need for the bypass and if appropriate remove it from the Thoroughfare and Collector Plan. MPO has reviewed the matter via technical evaluation of current and expected future traffic, assessment of the project's performance in the NCDOT prioritization funding competition to date, consideration of relative cost to benefit, and comments and other input provided by interested persons and entities. Review findings are that the US 158 Stokesdale Bypass is unwarranted by area traffic, is prohibitively expensive relative to the benefits, and will not be a competitive contender for future funding in the years ahead. Roadway safety, operational, and capacity improvements on existing area roadways in a manner consistent provide a cost effective and appropriate alternative strategy for addressing future area roadway needs.

### **Staff Recommendations**

Staff recommends removal of US 158 Stokesdale Bypass from the Thoroughfare and Collector Plan because:

- roadway build-scenario analysis mobility improvements are marginal compared to no-build scenario;
- prohibitively high-cost (R-2577C cost estimate: \$123,000,000) compared to marginal benefits make project a cost-ineffective and infeasible strategy for addressing area traffic needs;
- cost-ineffective projects with high price tags but only marginal benefits have no path to funding under NCDOT's STI prioritization process;
- 60% of commenters supported bypass removal. 40% who favored retaining bypass cited concerns over future traffic, however as documented herein, lower cost improvements on existing roadways would provide a similar or greater level of mobility in a more economical way.

It is further recommended that the MPO and NCDOT continue to partner together to identify and implement further needed roadway safety, operational, and capacity improvements on existing area roadways on an ongoing basis including through the pending 2050 Metropolitan Transportation Plan development process and future updates, the Highway Safety Improvement Program, and the NCDOT Strategic Transportation Investments prioritization process. NCDOT Project R-5823, conceived of in part as an alternative to a US 158 Stokesdale Bypass, exemplifies this strategy by improving NC 65 and NC 68 in the Stokesdale area through a series of intersection, safety, and operational improvements with construction currently scheduled in FY 2026



# Thoroughfare & Collector Street Plan Amendment

## Documentation of Review & Findings

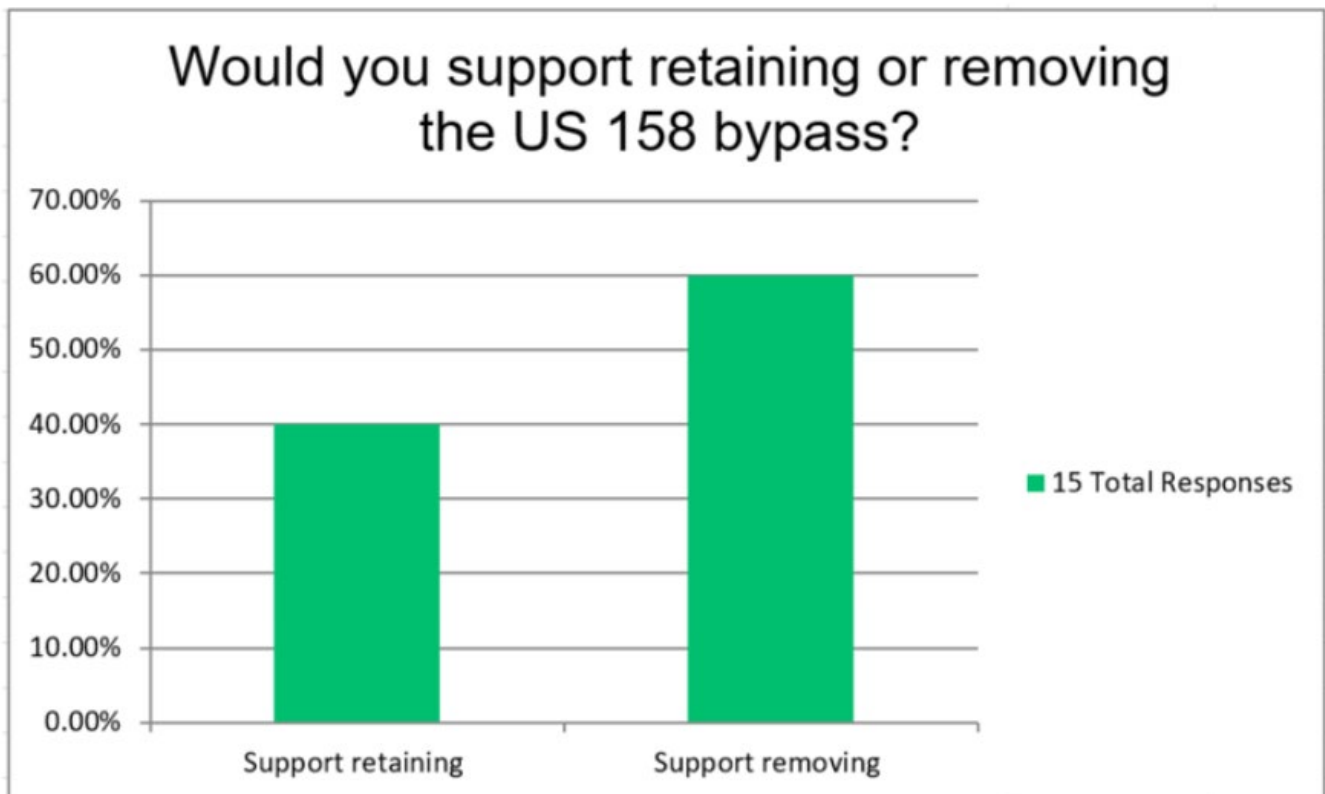
The MPO evaluation of the need for the bypass and its potential removal from the Thoroughfare and Collector Plan included a multi-part process including consultation with NCDOT and member agencies, analysis of traffic and future funding potential, review of project history, and public involvement.

### Consultation with NCDOT and TCC member agencies

MPO staff and NCDOT consulted on the matter on multiple occasions starting in early through March 2024. Staff coordinated with Guilford County as well. This included a Thoroughfare & Collector Plan presentation to Guilford County Planning Board in September 2023. After that meeting Guilford County requested the MPO review and address the Stokesdale Bypass issue and fully resolve it before bringing the plan back for consideration for adoption by the County. Significant consultation was held with the Town of Stokesdale also, culminating in participation alongside NCDOT staff at the March 14 Town Council meeting where the matter was discussed in detail. Finally, staff consulted TCC and TAC about the upcoming item at the March 2024 meeting.

### Public Input

A 30 day public review period was held from April 1 through April 30, 2024. A total of 15 public comments were received via email and Survey Monkey. **Please go to Appendix A for a full summary of survey responses and all written comments received along with MPO responses. .**



# Thoroughfare & Collector Street Plan Amendment

## Staff Analysis

### Traffic Analysis & Funding Competitiveness Summary

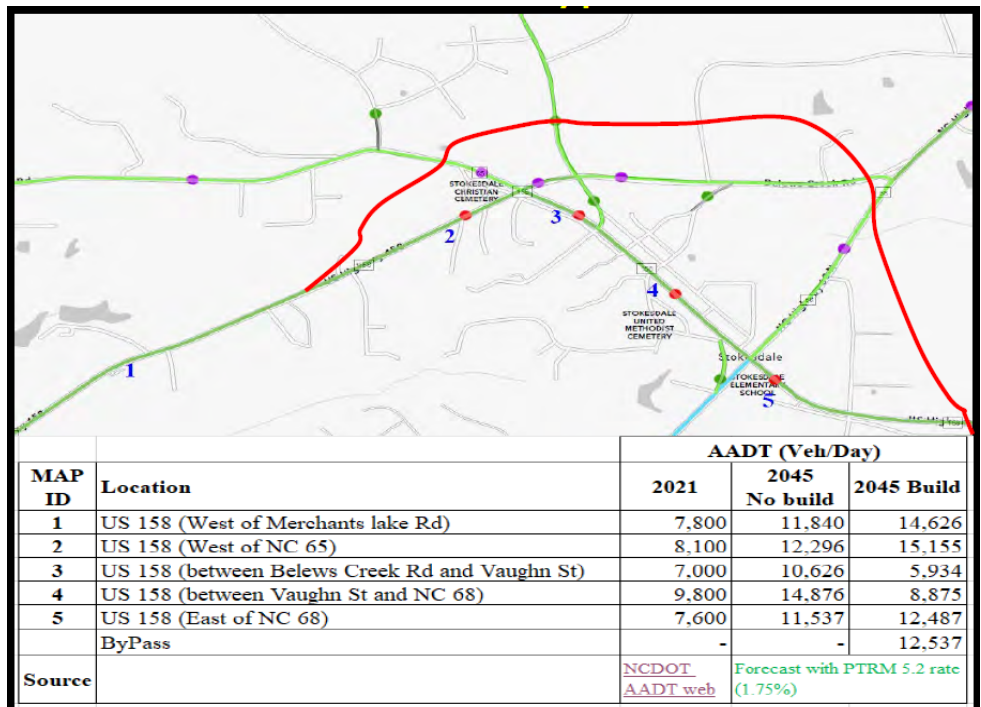
Staff performed high-level analysis using the regional travel demand model and historic traffic volumes. The analysis considered socioeconomic factors (housing, employment), effects on regional travel patterns overall, and effects on future traffic flow volumes in the project area. The analysis compared no-build and build scenarios to assess traffic volumes and travel patterns with and without the project. The build scenario showed marginal (minor) mobility improvements compared with the no-build scenario.

Staff assessed cost effectiveness in a qualitative manner using available information sources. First, given that R-2577C cost is estimated at \$123,000,000 and the benefits compared to a no-build scenario are marginal in nature, the project would be highly cost-ineffective, meaning lower cost operational and intersection improvements on existing roadways would provide a similar or greater level of mobility in a more economical and realistic way. Secondly, staff reviewed data from NCDOT's prioritization tool to corroborate this assessment. The project has consistently scored on the lower end of the Statewide and Regional roadway mobility funding competitions, putting it clearly out of range of being a contender for obtaining funding.

### Traffic Analysis Details

The MPO carried out an independent high-level analysis using the regional travel demand model and historical traffic volumes. This analysis included an examination of socioeconomic factors including population, household, and employment data, along with an evaluation of their influence on overall regional travel patterns and projected traffic flow volumes within the project area. Historical traffic volume data spanning from 2017 to 2021 was examined, revealing a slight decrease in recent years. By leveraging the latest Average Annual Daily Traffic (AADT) data from 2021 and utilizing the regional travel demand model (2017 - 2045), two scenarios were forecasted for traffic patterns: one without any construction (no-build) and the other incorporating the proposed project (build). Growth rates were derived from segments within the project area, utilizing outputs from the regional travel demand model. A growth rate of 1.75% was applied in the forecasting process.

**Figure 1** illustrates traffic volume count stations (NCDOT), while the accompanying table presents the 2021 AADT and the forecast results for both no-build and build scenarios. The build scenario for the roadway demonstrated minor mobility enhancements in comparison to the no-build scenario albeit accompanied by an increase in traffic volume on US 158 due to induced demand from increase roadway capacity.





# Thoroughfare & Collector Street Plan Amendment

## *Cost Effectiveness Review*

Staff assessed cost effectiveness in a qualitative manner using available information sources. This included a review of results from NCDOT STI Prioritization Processes for the period 2009 through the present day. **Table 1** indicates R-2577C results. Please note, the evaluation scale is on a 0-100 basis. Variations in scoring between rounds reflect ongoing refinements to the methodology and data sources, as well as the pool of competing projects in the system.

**Table 1. R-2577C Prioritization Scoring Results, 2009-2021**

Round	Statewide Tier Results (out of 100)
P 1.0	39.27
P 2.0	N/A
P 3.0	19.39
P 4.0	26.75
P 5.0	43.31
P 6.0	54.34

## **R-2577 Project History**

### *Project History Summary*

The 2045 Metropolitan Transportation Plan (MTP) lists R-2577C in the 2045 horizon year. The 2024-2033 MTIP and STIP list the project in unfunded status because it is a subsection of R-2577 of which the A section is funded for construction in FY 2026. Recent estimates using the NCDOT Prioritization cost estimation tool indicate a cost of \$123,633,000 (slightly higher than indicated in current TIP). R-2577A and B are in Forsyth County and are therefore included in the Winston-Salem MPO MTP rather than the GUAMPO MTP.

### *Project History Details*

NCDOT started worked on project R-2577 15-20 years ago. In those days, the entirety of US 158 between Winston-Salem and its easternmost terminus near the coast was on a short list of projects eligible for a large pot of dedicated funding under the Intrastate System established under the 1989 Act establishing the current State Highway Trust Fund. However, in 2013 the Strategic Transportation Investment (STI) Act established the Strategic Mobility Formula. Under STI, the same the State Highway Trust Fund revenues previously dedicated to Urban Loops and the Intrastate System became available for a wide range of potential improvements. Under the STI process needs-based data-driven scoring define base line need, and local input points applied by MPOs, RPOs, and NCDOT Divisions are applied to set final rankings. The ranked results are used to select projects for funding under the State Transportation Improvement Program (STIP). STI removed the dedicated funding for Intrastate roadways, meaning potential projects such as R-2577 would have to compete for funding, and would only be implemented if competitive against other projects statewide and in the area.

The first Public Meeting for R-2577 in Stokesdale was April 10, 2012. Work on the environmental document began with NCDOT and Merger Team years prior to the Public Meeting. The first Public Meetings introduced the study area and alternate alignments. The Merger Team, representatives from NCDOT, all permitting agencies and two MPOs, met at decision set points in development of the environmental document and project, beginning with Purpose and Need to final project alignment and environmental document. The last public meeting was October 26, 2017 which showed the proposed right-of-way and roadway configuration as a superstreet. The environmental document was completed December 13, 2018 identifying three segments for R-2577: **A** North of I-40 Bus / US 421 to Belews Creek Road; **B** Belews Creek Road to Anthony Road; **C** Anthony Road to I-73 / US 220. It defined the purpose and need statement as *to improve the traffic carrying capacity and level of service along US 158, within the project limits*. However, the traffic forecast developed as part of this study showed that the R-2577C would carry close to 12, 600 average annual daily

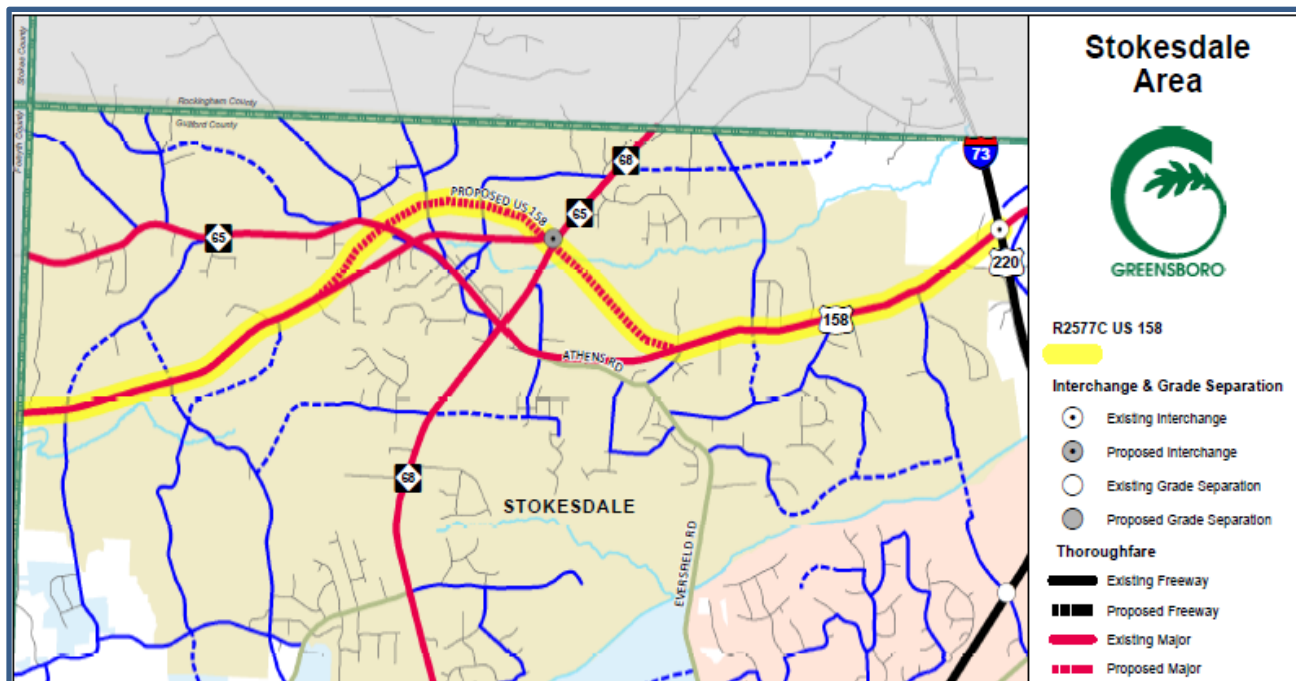
# Thoroughfare & Collector Street Plan Amendment

traffic in 2045. This traffic level is well within the traffic capacity threshold of two-lane roadways.

## **R-2577C US 158 Stokesdale Bypass and MPO/ Local Plans**

The federally required **2045 Metropolitan Transportation Plan (MTP)** was adopted December 9, 2020. An update is due by December 2025. The 2045 MTP identifies projects expected for construction through the year 2045. Project R-2577C is currently listed in 2045. The MTP update may either remove R-2577C from the plan altogether for move it to the Illustrative List of unscheduled projects, depending on which course better serves the interest of R-2577A, scheduled for construction in FY 2026, and R-2577B, believed to be a contender for funding in the mid to long-term. The state required Comprehensive Transportation Plan will be updated at the same time and manner consistent with the MTP.

The Thoroughfare and Collector Street Plan is a MPO developed plan used by the MPO in consultation with MPO area jurisdictions as the basis for development ordinance requirements for roadway improvements, right-of-way dedications and similar considerations. This is a locally oriented document rather than a federally-required or state-required one. Removing the US 158 Stokesdale Bypass from the Thoroughfare and Collector Plan will in no way effect the prospects of R-2577A and B to proceed.



# Thoroughfare & Collector Street Plan Amendment

## Staff Recommendations

Staff recommendation is to remove the US 158 Stokesdale Bypass from the Thoroughfare and Collector Plan because:

- the roadway build scenario analysis showed minor mobility improvements compared with the no-build scenario;
- the prohibitively high cost (current R-2577C cost estimate is \$123,000,000) compared to the marginal benefits of the project make it a highly cost-ineffective and infeasible strategy for addressing area traffic needs;
- cost-ineffective projects with high price tags but only marginal benefits have no path to funding under NCDOT's STI prioritization process;
- 60% of commenters supported the bypass removal. The 40% who favored its retention cited concerns over future traffic. As documented in this document, lower cost operational and intersection improvements on existing roadways would provide a similar or greater level of mobility in a more economical way.

It is further recommended that the MPO and NCDOT continue to partner together to identify and implement further needed roadway safety, operational, and capacity improvements on existing area roadways on an ongoing basis including through Metropolitan Transportation Plan review and updates, the Highway Safety Improvement Program, and the NCDOT Strategic Transportation Investments prioritization process. NCDOT Project R-5823, conceived of in part as an alternative to a US 158 Stokesdale Bypass, exemplifies this strategy by improving NC 65 and NC 68 in the Stokesdale area through a series of intersection, safety, and operational improvements with construction currently scheduled in FY 2026.

# Thoroughfare & Collector Street Plan Amendment

## Appendix A

## Appendix A

### **Public Outreach Summary**

The Draft Thoroughfare and Collector Street Plan Amendment to remove the US 158 Bypass was made available for public comment from April 1 to 30, 2024. The public outreach campaign notified interested persons, organizations, and other entities of the draft plan under consideration and the opportunity to provide comments directly or via a twelve-question web survey hosted on Survey Monkey. This effort yielded fifteen responses (12 from the survey, 3 from email) that offer a diverse range of perspectives and insights about the bypass.

In addition MPO staff, along with NCDOT representatives, attended a meeting of the Stokesdale Town Council Meeting on March 14. The purpose of the meeting was for Town officials and residents and other interested parties to learn about, discuss, and consider the merits of the planned US 158 Bypass and its removal from the MPO Thoroughfare and Collector Plan and the draft Town of Stokesdale Thoroughfare and Collector Plan for future Town consideration of adoption. That meeting had been publicized to Stokesdale residents by the Town of Stokesdale using its regular meeting notification procedures. The agenda and draft minutes for that meeting is attached the end of the appendix. This summary does not endeavor to summarize those proceedings except to say that the Town welcomed the public review period and MPO consideration of the pros and cons of the currently planned US 158 Stokesdale Bypass and final determination of how to proceed see enclosed draft meeting minutes for more information. The MPO did not hold an additional public meeting after determining that this meeting provided ample opportunity for interested and affected persons to learn about and discuss the matter.

This document includes (1) a summary of public comments received; (2) documentation of how the comment opportunity was publicized.

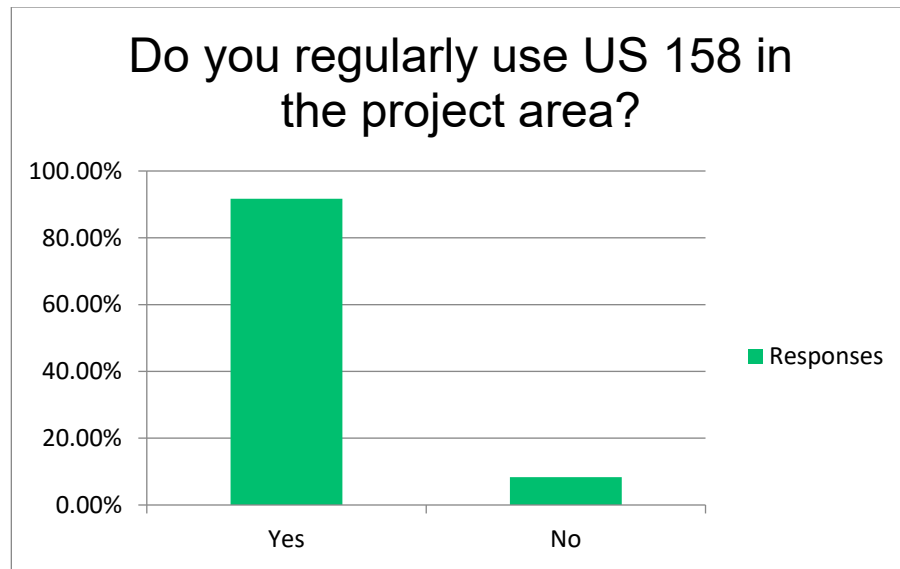
### **Public Comment Summary**

Sixty percent of respondents concurred with removing the bypass from the Thoroughfare and Collector Street Plan. This result reinforces the MPO staff and NCDOT recommendation to remove the US 158 Stokesdale Bypass from the Thoroughfare and Collector Plan

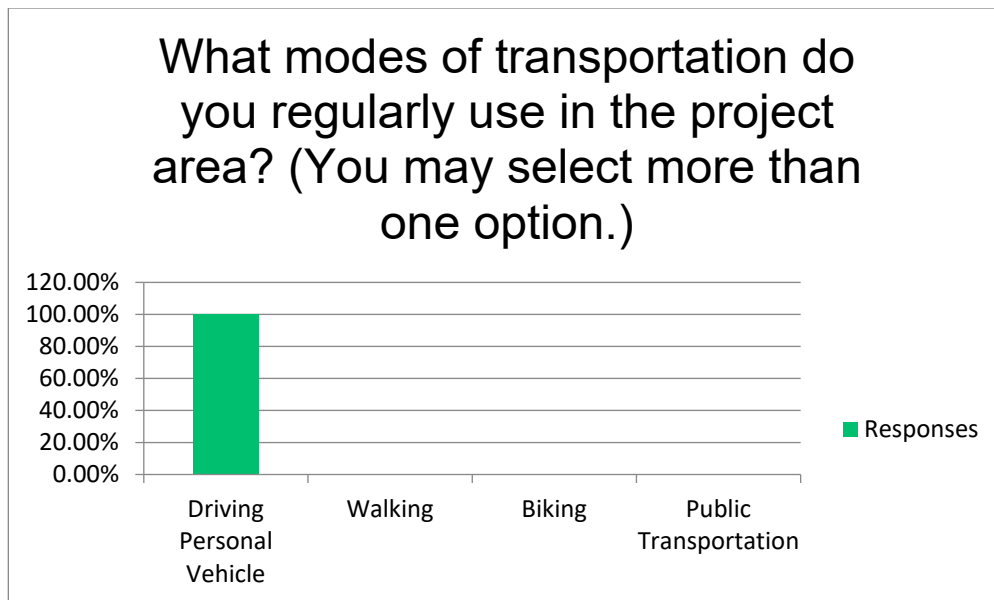
Below are the survey response(s). Note that responses received by email are presented in question 5 with an asterisk (\*).

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

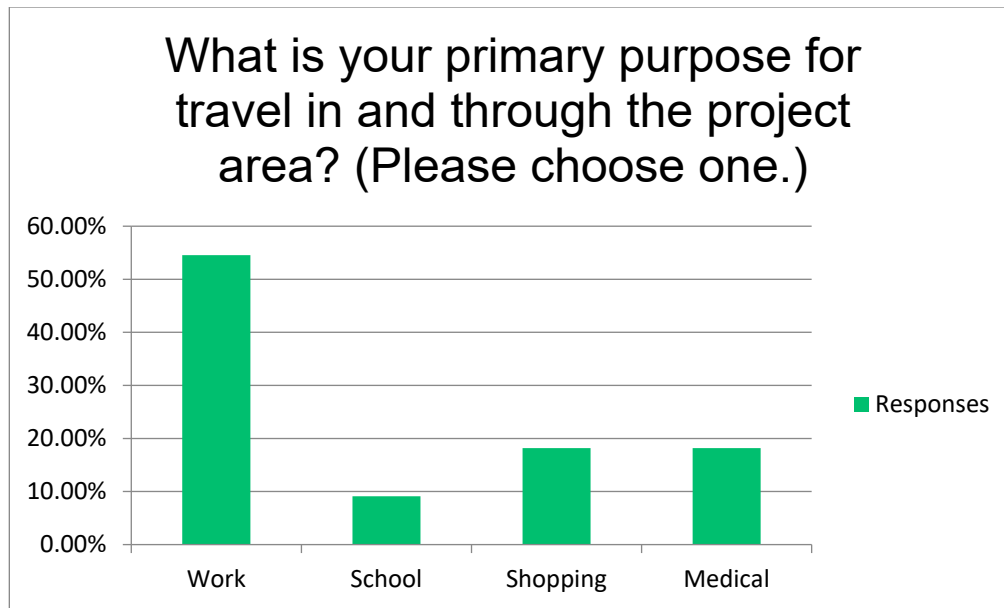
## Question 1.



## Question 2.



## Question 3.



## Question 4 - What are your thoughts on current and future congestion in the project area?

### Comments concerned about congestion in the project corridor:

C1. It's only going to get worse.

C2. Current congestion isn't too bad most of the time BUT with developers building houses on every wide spot in the road we are only a few years from this being a major headache.

C3. Congestion is not getting any better. We need to place necessary roads to better prepare for the future.

C4. This area will get busier in the future

C5. Kernersville and Stokesdale are growing and US 158 widening is needed to lessen congestion, increase safety and create more economic development in the area.



MPO Response: Thank you for your comments. As development in the area and traffic volumes on area roadways increase, the MPO will work with NCDOT, the Town of Stokesdale, and Guilford County to identify and develop cost effective improvements to the existing street network measures to address congestion and safety issues as they emerge.

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

## Comments not concerned about congestion in the project corridor:

C6. Not too bad. Can be handled by existing roads with improvements in future.

C7. Congestion is not that bad.

C8. No need for a bypass around Stokesdale. Traffic is not excessive and is in fact less since new interstate road opened

C9. I believe there is congestion during the school year at Stokesdale Elementary and 158. However, this is only twice a day (and the school has asked parents to enter the area from a different road rather than stay lined up (backed up) on 158. I live off 158 and turn right onto the road every work day around 6:20. I do not have to wait to turn onto 158. I cannot comment on future congestion, not knowing enough on development plans.

C10. New connector from 68 to 220 has helped congestion

C11. Bypass is NOT needed...spend money on existing intersections to make safer and more efficient. Install stop light at Hwy 158 and Angel Pardue Road



MPO Response: Thank you for your comments. MPO and NCDOT analysis agree that current and foreseeable congestion levels do not warrant a multilane widening or a multilane US 158 bypass. The future focus will be on developing appropriate, cost effective responses to area traffic and safety issues in a manner consistent with community needs and preferences.

**Question 5 - Do you think the US 158 widening and bypass are needed in the future? How much weight should be given to the cost of the projects versus the benefits to residents?**

## Comments in support of the Stokesdale Bypass:

C1. Yes, there should be weight. Everyone weights out cost and benefit to everything we buy. Maybe look at risk as well as benefit. I've seen bad accidents. You can't put a price on a life...

C2. This area is seeing large scale development so a road system ahead of congestion would be welcome.

C3. Yes. It is needed. It's already dangerous pulling into 158. I understand placing weight, however safety for drivers don't need weight. I remember 158 being shut down because someone lost their life. There no weight for that!

C4. Bypass needed along 158 from I-73 in Stokesdale to Winston Salem, but needs to be away from areas with high population and houses.

C5. Yes, the US 158 widening and bypass is needed. The Kernersville-Stokesdale area needs better roads to



## Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

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handle growth, cost should not factor into the decision. Perhaps a local sales tax of 1% could help raise funds for the project.



MPO Response: Thank you for your comments. MPO staff and NCDOT analysis found the benefits to motorized traffic flow in the area would be relatively small when compared against the substantial cost of the Stokesdale Bypass. Operational improvements will be a more cost effective and feasible strategy. This finding is substantiated by the fact that NCDOT prioritization process results over the last ten years make it clear that it is highly improbable that the US 158 Stokesdale Bypass would ever score highly enough to be funded given its extremely high cost and relatively low benefits.

### **Comments opposed to the Stokesdale Bypass:**

C6. After very thoughtful consideration and memories of living in Stokesdale 50 yrs ago, I feel that a bypass around the town would harm rather be a help to businesses. My interest would be in widening the existing road (Hwy 158). Residents along Hwy 158 may be concerned about the fast moving traffic, also a big problem. I look forward to hearing about any changes.\*

C7. Not at all. It's not needed and would be a costly boondoggle.

C8. No. I think it is disenfranchising landowners and taking their property.

C9. I doubt it will ever be needed.

C10. I do not know. I do feel the cost is entirely too high for the benefits to residents.

C11. No. Cost vs benefit is extremely important.

C12. Not need. Cost well exceeds any benefit as well as it will destroy land

C13. Remove the future planned project Part C from the existing plans to bypass downtown Stokesdale.\*

C14. I am pleased to hear that the above action is not going to happen. I have lived in Stokesdale, very close to the US 158 and have seen no need for any widening. The traffic does not warrant an expenditure of funds for this area of this road. Traffic moves along well and since I 73/ 220 have lightened the traffic load, I believe you are making the correct decision.\*

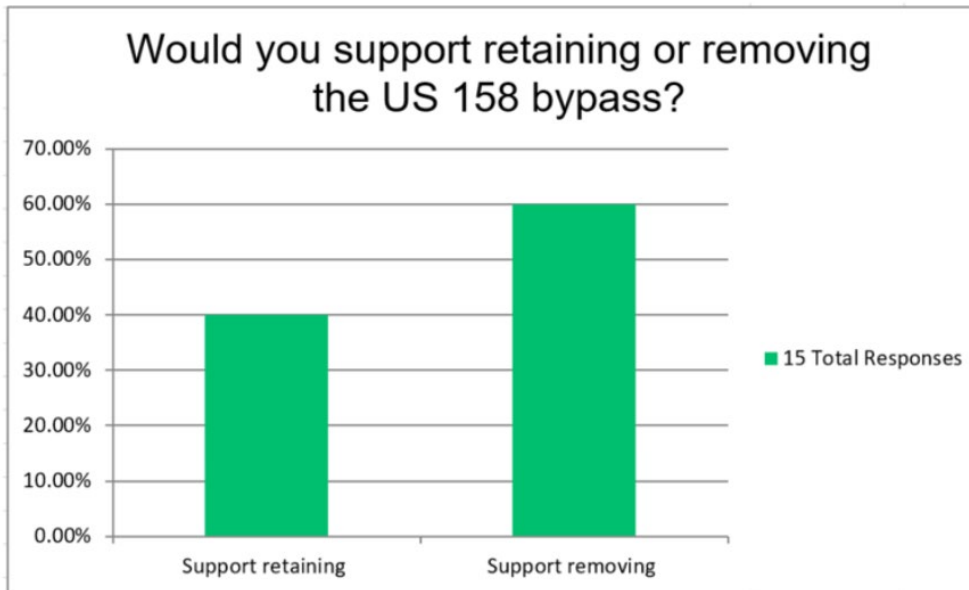
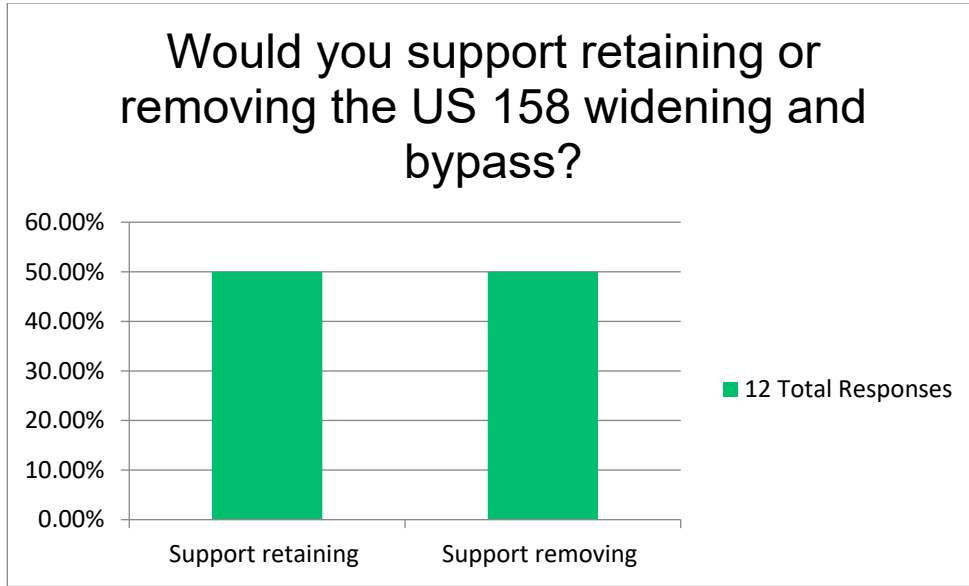


MPO Response: Thank you for your comments. The MPO concurs that the expected benefits would not justify the high costs of the US 158 Bypass. Current NCDOT cost estimates put the cost of R-2577C (which includes the Stokesdale Bypass at \$123 million. Meanwhile, recent NCDOT analysis of potential widening of NC 65 and NC 68, an alternate route around US 158 through the core of Stokesdale, would not warrant

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

four lane widening by 2045, and that instead a series of intersection and safety improvements will be more appropriate. These improvements, which NCDOT conceived in part as a potential alternative to a Stokesdale Bypass are currently scheduled for construction in FY 2026.

## Question 6.



## Question 7 – Please share any remaining comments you have regarding this amendment?

C1. Please remove the bypass.

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

C2. More work needs to be done contacting landowners before adding projects like this to the map. Otherwise, the act of drawing roads over private lands violates the takings clause of the constitution.

C3. Please keep this project on its current timeline. It will help now and in the future.

C4. Money should be spent more wisely...

C5. I would like to see this project to remain on schedule.

C6. Too many large trucks are using 158, including dump trucks from the rock quarry nearby. They are using side roads which is dangerous.

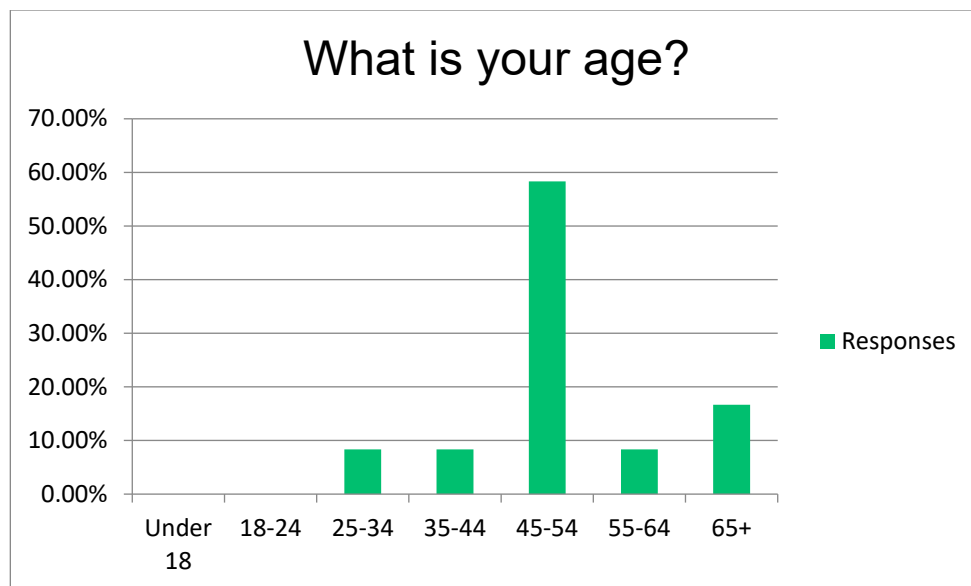
C7. New connector from 68 to 220 has helped congestion.



MPO Response: Thank you. The MPO works with NCDOT and member agencies such as the Town of Stokesdale and Guilford County to identify and submit potentially viable transportation projects for consideration for the MPO Metropolitan Transportation Plan and the NCDOT STI Prioritization process used to select projects for funding in the Transportation Improvement Program. Please visit the MPO website Prioritization 7.0 page for more information.

Also, regarding the concern about dump trucks on side streets we recommend contacting Town Officials of NCDOT Division 7 to a review of the issue.

## Question 8.



# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

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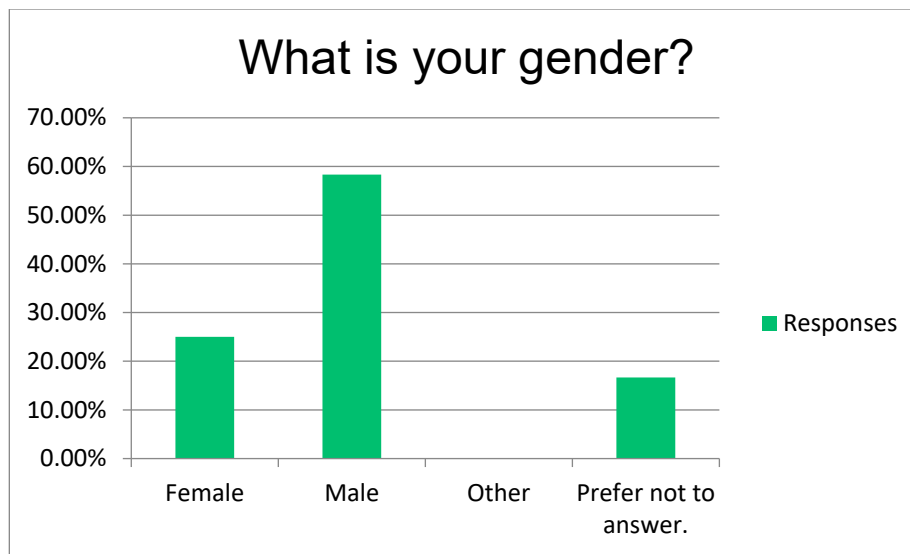
## Question 9 - What is your home zip code?

Six residents reported living in 27357. One resident each lived in 27403, 27235, 27284, 27051, and 27009.

## Question 10 - What is your work/school zip code?

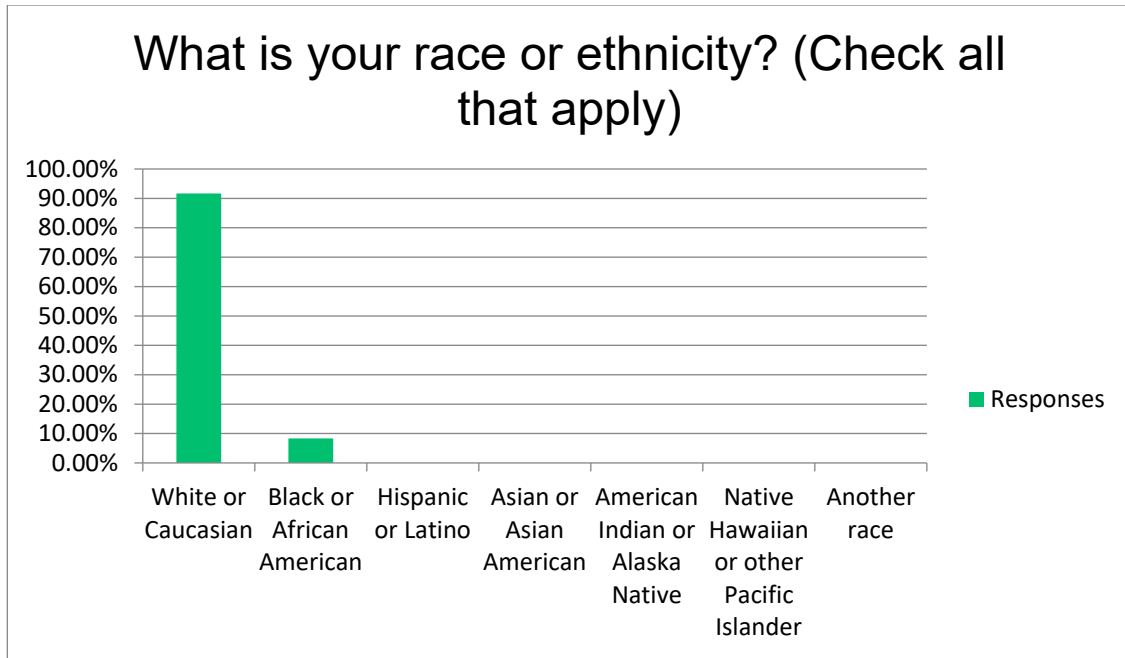
Four residents reported working or going to school in 27357, and two reported 27410 and 27320. One resident each reported 27402, 27265, 27408, and 27285.

## Question 11 – What is your gender?



## Question 12 – What is your race/ethnicity?

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass



# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

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## Public Outreach Materials

Figure 1. Press release distributed to MPO area media outlets



**GREENSBORO**

**CITY OF GREENSBORO  
FOR IMMEDIATE RELEASE**

Contact: Lydia McIntyre  
Phone: 336-373-3117

### ***MPO Seeks Public Comment on Proposed Change to Future Planned US 158 Widening and Bypass***

GREENSBORO, NC (April 1) – The Greensboro Urban Area Metropolitan Planning Organization (MPO) is seeking public comment on a proposed amendment and revisions to the Thoroughfare and Collector Street Plan. The amendment would remove a planned widening and construction of a bypass for US 158 between Piney Grove Road and I-73/US 220 in Stokesdale. Members of the public have until April 30 at 5 pm to submit their comments in writing. The public may comment during a public hearing at the May 8 virtual meeting of the MPO Transportation Advisory Committee by signing up [here](#).

The Draft Thoroughfare and Collector Street Plan Amendment is available for review online at [www.guamppo.org](http://www.guamppo.org). Send comments to Engineering Supervisor Lydia McIntyre via [survey](#), [email](#), fax to 336-412-6171, or by mail to PO Box 3136, Greensboro, NC, 27402-3136.

The Thouroughfare and Collector Street Plan is designed to balance future development with future planned roadways.

The proposed US 158 widening and bypass was proposed to divert increasing traffic from the Town of Stokesdale. The MPO is seeking input on whether to retain or remove the future planned project.

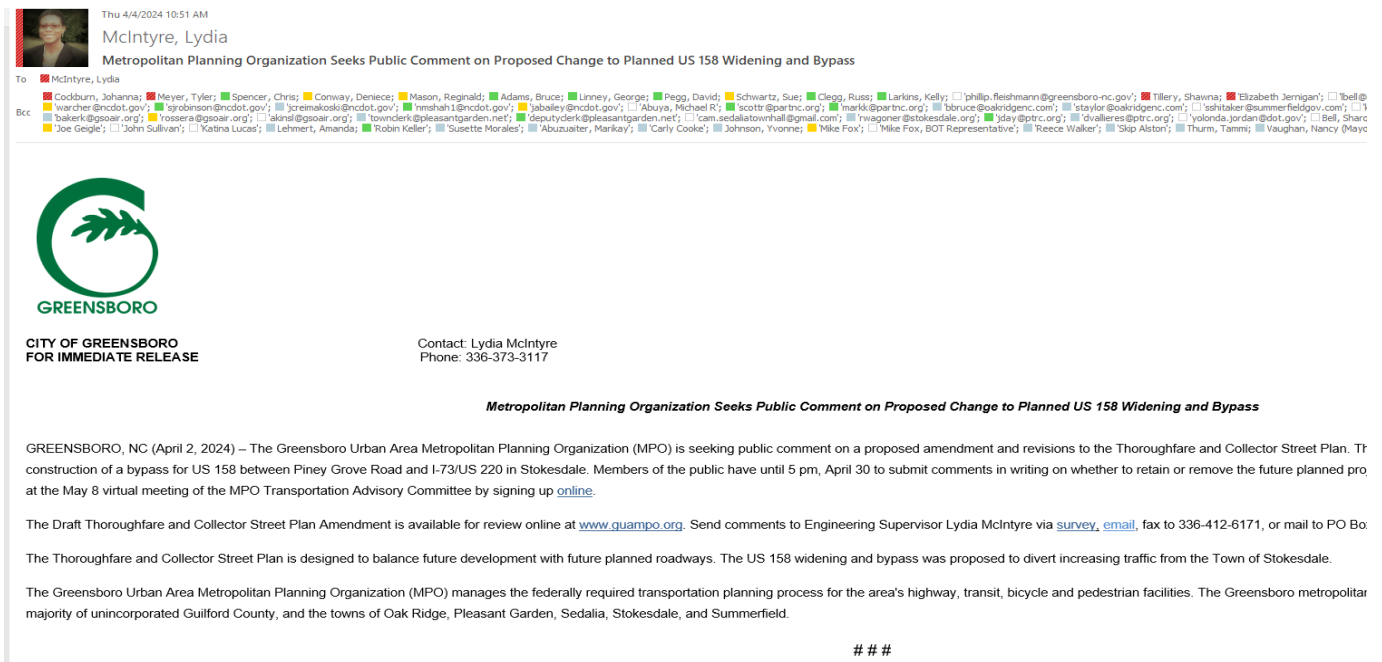
The Greensboro Urban Area Metropolitan Planning Organization (MPO) manages the federally required transportation planning process for the area's highway, transit, bicycle and pedestrian facilities.

The Greensboro metropolitan planning area includes the City of Greensboro, the majority of unincorporated Guilford County, and the towns of Oak Ridge, Pleasant Garden, Sedalia, Stokesdale, and Summerfield.

# # #

# Thoroughfare & Collector Street Plan Amendment: US 158 Bypass

**Figure 2.** Emails were distributed to the various MPO distribution lists including a broad based list of interested parties. Town of Stokesdale also helped get the word out.



**Figure 3:** Draft meeting minutes, Stokesdale Town Council March 14, 2024



**DRAFT MINUTES**  
**TOWN OF STOKESDALE**  
**TOWN COUNCIL**  
**REGULAR MEETING**  
**8325 ANGEL-PARDUE ROAD**  
**STOKESDALE, NC 27357**  
**MARCH 14, 2024 AT 7:00 PM**

**OLD BUSINESS ITEMS:**

12. Discussion of proposed 2023 Thoroughfare and Collectors Street Plan by the Stokesdale Town Council, the North Carolina Department of Transportation (NCDOT), and the Greensboro Urban Area Metropolitan Planning Organization (GUAMPO). *(Requested during the February 08, 2024, regular Town Council meeting)*

Mayor Pro Tem Foy of Stokesdale led a discussion, highlighting the 2023 Comprehensive Transportation Plan by the Metropolitan Planning Organization (MPO). Concerns were raised regarding the inclusion of the northern route of the US Highway 158 Bypass in Stokesdale. Mayor Pro Tem Foy emphasized the need for a unified stance from the North Carolina Department of Transportation (NCDOT) before the Town Council could approve the plan.

Brian Ketner, representing NCDOT, addressed the council, acknowledging their concerns and explaining recent communications regarding the proposed Thoroughfare and Collectors Street Plan. He outlined the history of the R-2577 project, its sections, and the criteria for project prioritization under the Strategic Mobility Formula. Ketner clarified that the traffic projections did not justify the need for a northern bypass by 2045, citing ample capacity on existing roads.

Options for the Town Council regarding the R-2577 project were presented, emphasizing the importance of informed decision-making. Councilman Landreth sought clarification on the Council's authority over the project, which was confirmed by Ketner, given the Town's membership in the MPO.

Transportation Planner Craig McKinney provided insights from GUAMPO, **indicating a public survey to gauge opinions on the US Highway 158 Bypass**. He stressed the importance of cost-benefit analysis in project funding decisions.

Concerns were expressed by Councilman Landreth for property owners affected by the project. McKinney assured the council of ongoing efforts to reconsider the proposed plan, awaiting survey results for updated recommendations.

Attorney Amanda Hodiern represented impacted property owners and advocated for reconsideration of the Thoroughfare and Collectors Street Plan. She detailed the process of plan adoption and highlighted the potential removal of the northern bypass based on traffic data. Hodiern clarified the MPO's role and confirmed ongoing discussions to amend the plan.

In conclusion, Mayor Pro Tem Foy commended the representatives for their input and emphasized the need for thorough consideration before adopting the proposed plan. Discussions will continue pending survey results and further recommendations.



**RESOLUTION AMENDING THE GREENSBORO MPO AREA THOROUGHFARE  
AND COLLECTOR STREET PLAN: US 158 STOKESDALE BYPASS**

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

**WHEREAS**, the Transportation Advisory Committee has reviewed the current Thoroughfare and Collector Plan, adopted May 10, 2023 and has determined that an amendment is needed to remove the currently planned US 158 Stokesdale Bypass alignment to appropriately guide future development of the street and highway system in the town of Stokesdale and northwest Guilford County area; AND

**WHEREAS**, the Town of Stokesdale, the Guilford County Planning Board, and area residents and property owners had requested MPO consideration of and action on this change; AND

**WHEREAS**, MPO and NCDOT analysis found the benefits to motorized traffic flow in the area of the planned bypass would be minor and would not justify the prohibitively high cost of construction; and that improvements to existing roadways will be a more cost effective and feasible strategy; AND

**WHEREAS**, NCDOT Project R-5823, conceived of in part as an alternative to a US 158 Stokesdale Bypass, will exemplify this strategy by improving NC 65 and NC 68 in the Stokesdale area through a series of intersection, safety, and operational improvements with construction currently scheduled in FY 2026; AND

**WHEREAS**, the MPO and NCDOT will continue to partner together to identify and implement further needed roadway safety, operational, and capacity improvements on existing area roadways on an ongoing basis including through Metropolitan Transportation Plan review and updates, the Highway Safety Improvement Program, and the NCDOT Strategic Transportation Investments prioritization process; AND

**WHEREAS**, the Transportation Advisory Committee has provided for a thirty day public comment period, sent staff to a Stokesdale Town Council meeting to discuss the matter, and solicited the public for comments via surveys and other means; AND

**NOW THEREFORE**, be it resolved by the Greensboro Urban Area Transportation Advisory Committee to amend the Thoroughfare Plan and Collector Street Plan dated May 10, 2023, to remove the US 158 Stokesdale Bypass alignment on this the day May 8, 2024.

\*\*\*\*\*

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

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, May 8, 2024.

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

\*\*\*\*\*

Subscribed and sworn to me on this day, May 8, 2024.

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

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

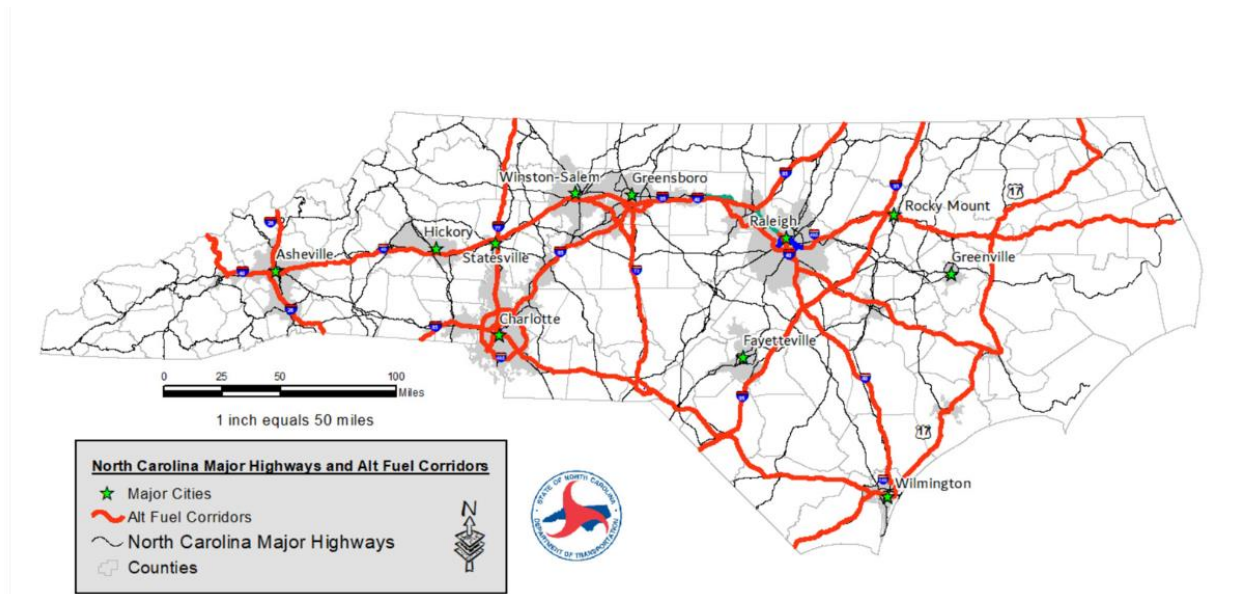
## FY 2024-2033 MTIP Amendment: Statewide Projects

### Background:

NCDOT requests the MPO amend the 2024-2033 MTIP for two statewide projects. Amendments of the MTIP are needed to maintain MTIP-STIP consistency.

### Project Situation:

- **ER-5600** provides funding for roadside vegetation management and improvements across the state. The amendment in December 2023 included \$4 million in FY 2022-2023 as a bookkeeping step and added \$5 million from FY 2024-2028. *Adds \$100,000 annually for preliminary engineering from FY 2024 to FY 2028 using Surface Transportation Program funding.*
- **HV-0001** constructs electric vehicle supply equipment along North Carolina's Alternative Corridor and NEVI planning. *Adds \$6.6 million for engineering phase and \$95 million for construction from FY 2024 to FY 2026.*



### Recommended Action & Next Steps:

- TAC action to amend the FY 2024-2033 MTIP for projects ER-5600 and HV-0001.
- NCDOT STIP actions for projects ER-5600 and HV-0001 were scheduled to occur at the April 3, 2024 Board of Transportation meeting.

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

**MTIP Amendment Details**

ID #	DESCRIPTION	STATUS	FUNDS	PHASE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
ER-5600*	Statewide, Improve and manage vegetation - Clear zone	Current	STPE	CST	\$ 2,000,000	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$1,000,000	\$1,000,000
		Change	<u>STPE</u>	<u>ENG</u>			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
HV-0001*	Construct EV supply equipment along NC Alternative Corridors and NEVI Planning	Current	NEVI	ENG		\$ 1,221,000					
		Change	<u>NEVI</u>	<u>ENG</u>			\$ 2,600,000	\$ 2,000,000	\$ 2,000,000		
			<u>NEVI</u>	<u>CST</u>			\$55,000,000	\$20,000,000	\$20,000,000		

**Notes:**

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

**Funding Sources Key:**

**NEVI:** *National Electric Vehicle Infrastructure Program Funds*

**STPE:** *Surface Transportation Program - Enhancement*

**RESOLUTION AMENDING THE GREENSBORO URBAN AREA  
FY 2024-2033 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:  
STATEWIDE PROJECTS**

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

WHEREAS, the Transportation Advisory Committee has reviewed the current 2024-2033 Metropolitan Transportation Improvement Program, adopted by the TAC on September 20, 2023 and has found that a modification is needed; AND

WHEREAS, NCDOT requested the MPO amend the 2024-2033 MTIP for two projects ER-5600 and HV-0001; AND

WHEREAS, the amendment for project ER-5600 is to add preliminary engineering from FY 2024 to FY 2028 using Surface Transportation Program funding ; AND

WHEREAS, the amendment for project HV-0001 is to add Preliminary Engineering and Construction funding in FY 24, FY 25, and FY 26 using National Electric Vehicle Infrastructure Program Funds ; AND

WHEREAS, these amendments are needed to maintain MTIP-STIP consistency as well as to make Greensboro area agencies potentially eligible recipients; AND

WHEREAS, the NC Board of Transportation amended the STIP for two projects ER-5600 and HV-0001 on April 3, 2024; AND

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

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

NOW, therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to amend the Metropolitan Transportation Improvement Program for FY 2024-2033, for two projects ER-5600 and HV-0001, on this day, May 8, 2024.

\*\*\*\*\*

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

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day May 8, 2024.

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

\*\*\*\*\*

Subscribed and sworn to me on this day May 8, 2024.

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

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

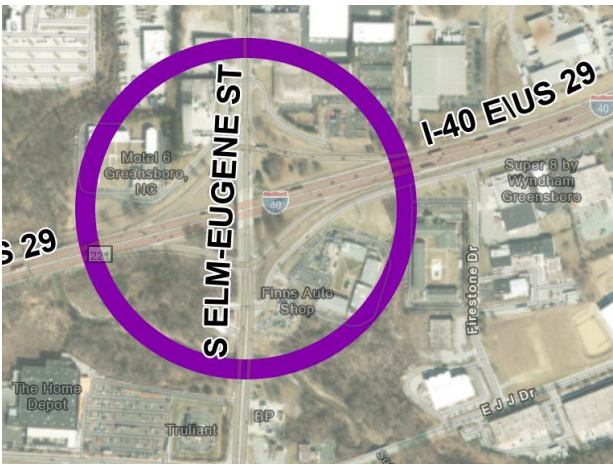
## FY 2024-2033 MTIP Amendment & Modifications: Aviation, Roadway, and Rail Projects

### Background:

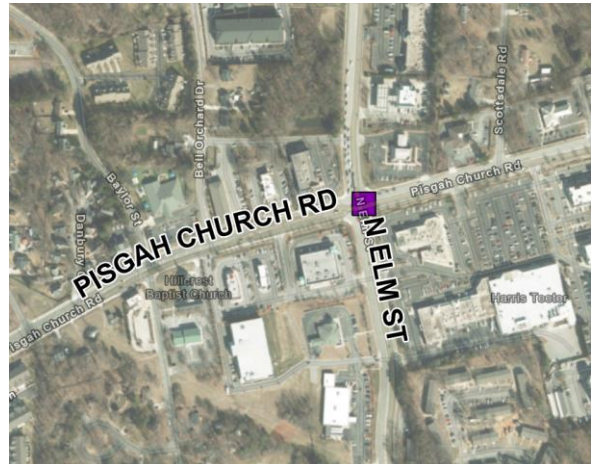
NC DOT requests the MPO modify and amend the 2024-2033 MTIP for one aviation-related transportation project at the Piedmont Triad International Airport (GSO), two interchange improvement projects, and two rail projects. These modifications and amendment will allow for additional time for planning and design phase activities and will impact the construction start date for each project. This necessitates a corresponding shift in funding.

### Project Situation:

- **AV-5701:** modifies Runway 5R-23L Extension project. *Shifts construction funding FY 24 to FY 25. Funding amounts unchanged at \$21 million.*
- **I-5964** improves interchange at I-40 and Elm-Eugene Street. *Shifts construction from FY 23 to FY 25. Funding amounts unchanged at \$575,000.*
- **P-5700** constructs parking lot with space for international containers, including security fence, pole-mounted lightning, and paved entrance at the Norfolk Southern Mainline, Norfolk Southern “Roundhouse” property. *Shifts construction from FY 2024 to 2026. Funding amounts unchanged at \$1.7 million.*
- **P-5714** will extend auxiliary track and add power turns out at the NCRR Norfolk Southern, Pomona yard. *Shifts construction from FY 2025 to 2027. Funding amounts unchanged at \$3.1 million.*
- **U-5842** intersection improvements at Pisgah Church Road and North Elm Street. *Shifts Right of Way from FY 25 to FY 26 and Construction from FY 26 to FY 27. Funding amounts unchanged at \$1.68 million.*



I-5964



U-5842

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



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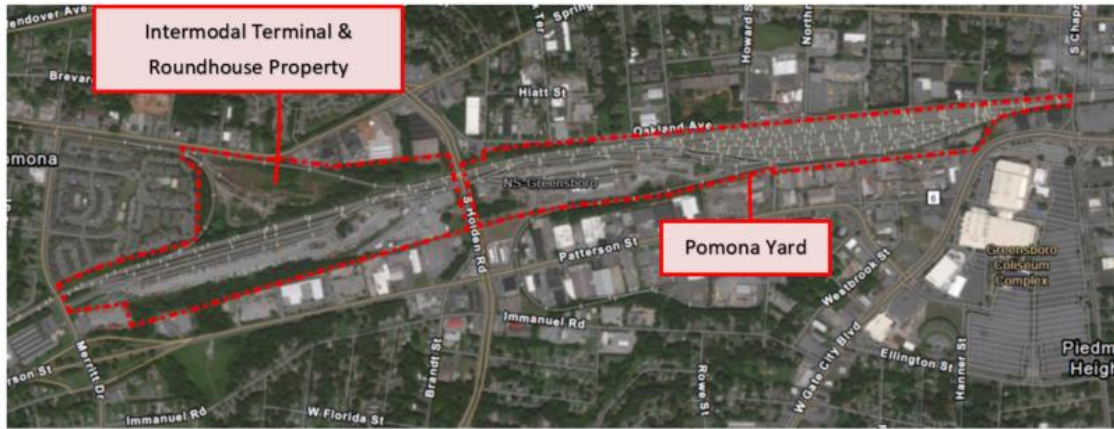


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P-5700 & P-5714

**Recommended Action & Next Steps:**

- TAC action to modify FY 2024-2033 MTIP for projects AV-5701, P-5700, P-5714, and U-5842 and amend project I-5964.
- NCDOT STIP actions for projects AV-5701, P-5700, and I-5964 were scheduled to occur at the April 3, 2024 Board of Transportation meeting and projects P-5714, and U-5842 at the May 1, 2024 Board of Transportation meeting.



### MTIP Modification Details

Notes: Gray shading = prior listings, unshaded = revised listings, strikethrough = deletions, underlined = revisions, \* = Amendment

ID #	DESCRIPTION	STATUS	FUNDS	PHASE	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
AV-5701	Runway 5R-23L extension program	Current	T	CST		<del>\$ 500,000</del>	<del>\$ 500,000</del>	<del>\$ 500,000</del>		
			O	CST		<del>\$ 19,500,000</del>				
		Change	T	CST			\$ 500,000	\$ 500,000	\$ 500,000	
			O	CST			\$ 19,500,000			
I-5964*	Interchange improvement at I-40 and Elm-Eugene St	Current	NHP	CST	<del>\$ 6,000</del>	<del>\$ 569,000</del>				
		Change	NHP	CST			\$ 200,000	\$ 375,000		
P-5700	Construct parking lot with space for international containers, including security fence, pole mounted lighting, & paved entrance at Norfolk Southern Mainline, Norfolk Southern "Roundhouse" property.	Current	O	CST		<del>\$ 850,000</del>				
			T	CST		<del>\$ 850,000</del>				
		Change	O	CST					\$ 850,000	
			T	CST					\$ 850,000	
P-5714	Extend auxiliary and add power turnouts to NCRR Norfolk Southern, Pomona Yard	Current	T	CST			<del>\$ 1,600,000</del>			
			O	CST			<del>\$ 1,500,000</del>			
		Change	T	CST						\$ 1,600,000
			O	CST						\$ 1,500,000
U-5842	Improve intersection at Pisgah Church Rd and N. Elm St	Current	BGANY	PE		\$ 600,000				
			L	PE		\$ 150,000				
			BGANY	R/W				<del>\$ 144,000</del>		
			L	R/W				<del>\$ 36,000</del>		
		Change	BGANY	CST					<del>\$ 600,000</del>	
			L	CST					<del>\$ 150,000</del>	
			BGANY	R/W					\$ 144,000	
			L	R/W					\$ 36,000	
	BGANY	CST						\$ 600,000		
	L	CST						\$ 150,000		

### Funding Sources Key:

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

**L:** Local

**NHP:** National Highway Performance Program

**T:** Highway Trust Funds

**O:** Other

**RESOLUTION MODIFYING AND AMENDING THE GREENSBORO URBAN AREA  
FY 2024-2033 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:  
AVIATION, ROADWAY, AND RAIL PROJECTS**

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

WHEREAS, the Transportation Advisory Committee has reviewed the current 2024-2033 Metropolitan Transportation Improvement Program, adopted by the TAC on September 20, 2023 and has found that a modification is needed; AND

WHEREAS, the NCDOT requested the MPO modify the 2024-2033 MTIP for four projects AV-5701, P-5700, P-5714, and U-5842 and amend one project I-5964; AND

WHEREAS, the modifications and amendment will allow for more time in the planning and design phases for each project; AND

WHEREAS, the NC Board of Transportation modified and amended the STIP to make these changes on April 3, 2024 for projects AV-5701, P-5700, and I-5964 and on May 1, 2024 for projects P-5714, and U-5842; AND

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

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

NOW therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to act on the Metropolitan Transportation Improvement Program for FY 2024-2033 to modify the MTIP for four projects AV-5701, P-5700, P-5714, and U-5842 and amend one project I-5964, on this day, May 8, 2024.

\*\*\*\*\*

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

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, May 8, 2024.

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

\*\*\*\*\*

Subscribed and sworn to me on this day, May 8, 2024.

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

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

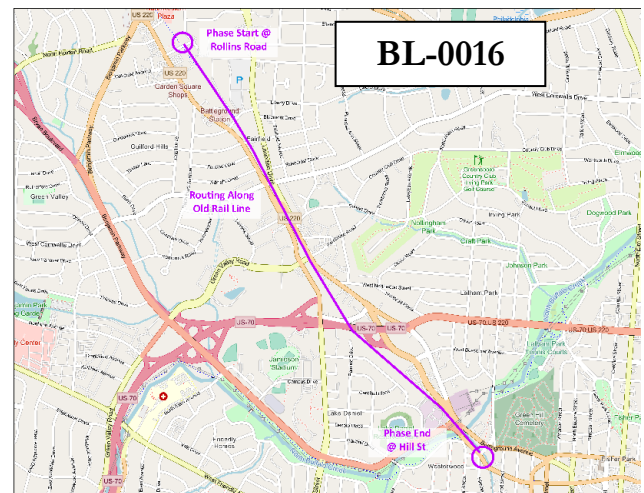
## FY 2024-2033 MTIP Amendment and Modification: Transit, Bicycle and Pedestrian Projects

### Background:

NCDOT requests the MPO modify the 2024-2033 MTIP for eight bicycle and pedestrian projects to allow for additional time for planning and design phase activities that will impact the construction start date for each project. This necessitates a corresponding shift in funding. The MPO requests to remove one sidewalk project that already completed construction from the MTIP and add one sidewalk project that was not included in the MTIP when splitting the funds from the umbrella project U-5532 to several detail projects. The MPO also requests to add two projects that were received funding from the earmark federal funding.

### Project Situation:

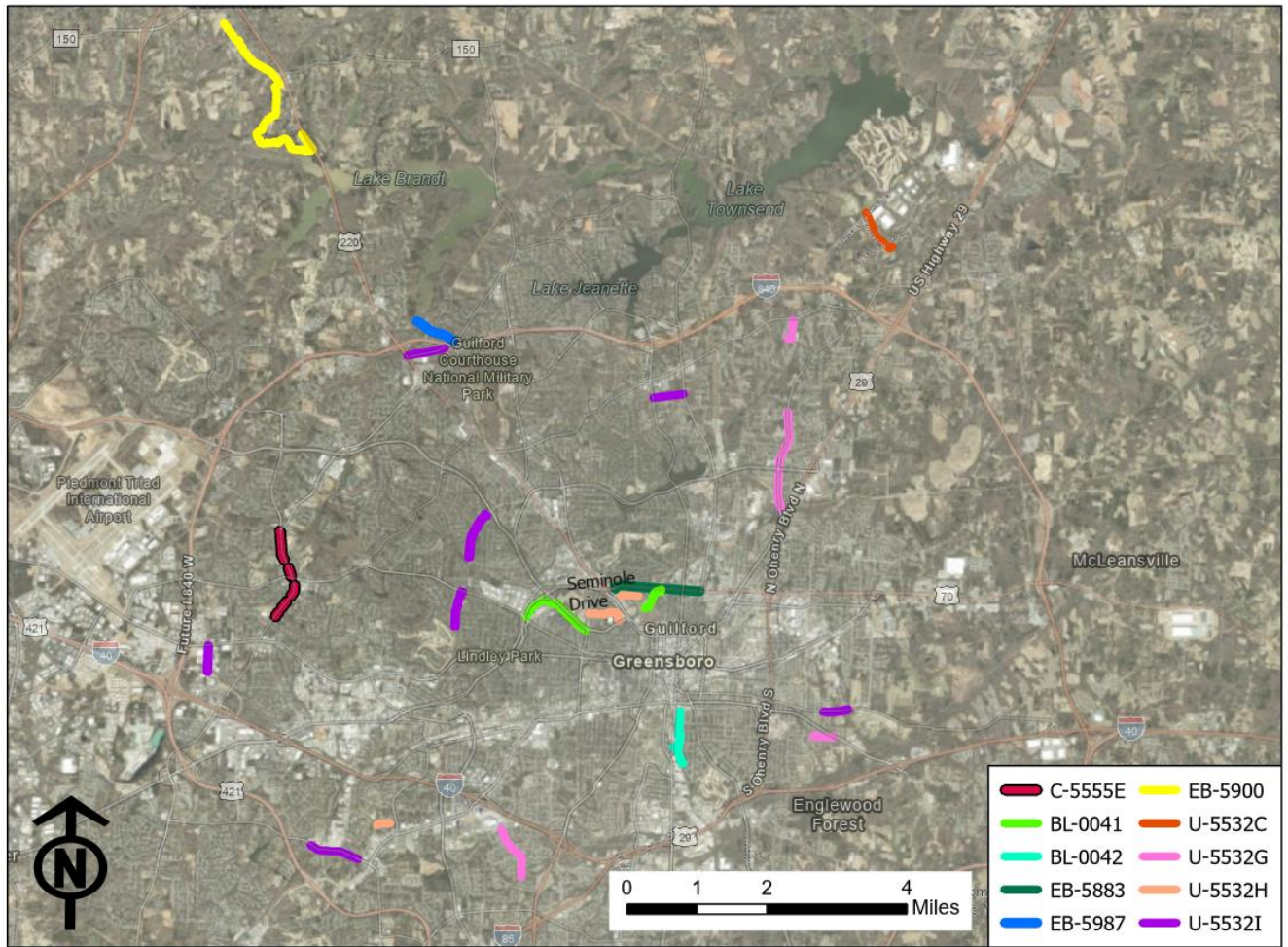
- **C-5555E** is an MPO supported City of Greensboro project to complete sidewalks from Guida Drive to Ballinger Road where none exists. This project is completed and needs to be removed from the MTIP. *Removes this project from the MTIP and STIP.*
- **BL-0041** reconstructs and widenings for Lake Daniel and Latham Park Greenways. *Shifts construction funding from FY 24 to FY 25.*
- **BL-0042** constructs Vance Arlington Greenway from Florida Street to Bragg Street. *Shifts construction from FY 24 to FY 25. Funding amount unchanged at \$1.5 million.*
- **BL-0116** will add provide for the A&Y Greenway Extension along the railbanked A&Y railroad corridor from Hill Street to Rollins Road. Thanks to the Earmark federal funding and Congresswoman Kathy Manning, the City of Greensboro has been allocated \$6,966,279 federal funding directed towards enhancing both Parks and Recreation facilities (A&Y Greenway, Bingham Park, and Windsor Chavis Nocho Community Complex) and the J. Douglas Galyon Depot. This project was programmed \$2.1 million for Engineering phase in FY 2024. Thanks to the earmark funding, we can have the first part of construction packet to implement the construction. When we have a better cost estimate for this project, we will propose update on the cost. *Adds \$4 million using highway infrastructure earmark funding and \$1 million local match to this project.*
- **EB-5883:** constructs sidewalk on Wendover Avenue from Grecale Street to N. Church Street and Summit Avenue to US 29. *Shifts construction funding to from FY 24 to FY 25. Funding amount unchanged at \$2.811 million for Construction.*



- **EB-5900** constructs multi-use path Summerfield South Greenway from US 220 to Centerfield Road. The Town of Summerfield has is far along in the design effort for this project. *Shifts construction to FY 24 to FY 25. Funding amount unchanged at \$4.19 million.*
- **EB-5987** constructs multi-use path on Old Battleground from Lake Brandt Rd to Bicentennial Greenway. *Shifts Engineering from FY 22 to FY 24, right of way from FY 24 to FY 25, and construction from FY 25 to FY 26. Funding amount unchanged at \$997,000.*
- **TL-0055** renovates J. Douglas Galyon Depot Phase 3 bringing the facility fully into a state of good repair. Thanks to the federal earmark funding supported by Congresswoman Kathy Manning, the City of Greensboro has received \$850,000 in Section 5339 *Bus and Bus Discretionary Facilities* funding to improve the J. Douglas Galyon Depot. This funding will be added to project TL-0055 to support additional renovations for the Depot, with specific details on the extra work to be determined at a later stage. *Adds \$850,000 using transit infrastructure earmark funding and \$212,500 local match to this project, brings total of the project to \$3,062,500.*
- **U-5532C** constructs sidewalk on Rudd Station Road from Scott Road and Townsend Road. This project was not included in the STIP. *Adds this project to the MTIP and STIP.*
- **U-5532G** constructs sidewalk on Byers Road from Lees Chapel Road to Byers Ridge Drive, on Four Seasons Boulevard from Vanstory Street to Creek Ridge Road, on Pear Street from Ardmore Street to Gate City Boulevard and on Summit Avenue from Rankin Road to Buffalo Creek. *Shifts construction funding from FY 24 to FY 25. Funding amount unchanged at \$1.15 million.*
- **U-5532H** constructs sidewalk on Seminole Drive from Josephine Boyd Street to Benjamin Parkway, on Whippoorwill Drive from Pennydale Drive to Jane Street, and on W. Bessemer Avenue from Grecade Street to Hill Street. *Shifts construction funding from FY 24 to FY 25. Funding amount unchanged at \$670,000.*
- **U-5532I** constructs sidewalk on Holden Road from Madison Avenue to Friendly Avenue, on Cotswald Avenue from Battleground Avenue to Cotswald Terrace, on Greenbriar Road from Church Street to Elm Street, and on Swing Road from Market Street to Burnt Poplar Road. *Adds Enginnering in FY 2024. Shifts construction funding from FY 24 to FY 25. Funding amount for right of way and construt unchanged at \$1.568 million.*

### **Recommended Action & Next Steps:**

- TAC action for FY 2024-2033 MTIP to modify ten projects C-5555E, BL-0041, BL-0042, EB-5883, EB-5900, EB-5987, U-5532C, U-5532G, H-5532H, and U-5532I and amend two projects BL-0116 and TL-0055.
- NCDOT approved the changes for project EB-5883 at the April 3, 2024 Board of Transportation meeting, projects BL-0041, BL-0042, EB-5900, EB-5987, U-5532G, H-5532H, and U-5532I at the May 1, 2024 Board of Transportation meeting, and will take actions on projects C-5555E, BL-0116, U-5532C, and TL-0055 at the June 6, 2024 Board of Transportation meeting.





## MTIP Modification and Amendment Details

ID #	DESCRIPTION	STATUS	FUNDS	PHASE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
C-5555E	Construct sidewalk on College Rd & New Garden Rd from Guida Dr to	Delete							
BL-0041	Repair Surfaces on Lake Daniel Greenway & Latham Park Greenway	Current	BGANY	CST			<del>\$ 500,000</del>		
			L	CST			<del>\$ 125,000</del>		
		Change	BGANY	CST				\$ 400,000	
			L	CST				\$ 100,000	
BL-0042	Construct greenway and sidepath on Vance Arlington Greenway	Current	TAANY	CST			<del>\$1,200,000</del>		
			L	CST			<del>\$ 300,000</del>		
		Change	TAANY	CST				\$ 1,200,000	
			L	CST					\$ 300,000
BL-0116*	Construct A&Y Greenway from Hill St to Rollins Rd	Current	BGANY	ENG			\$ 1,750,000		
			L	ENG			\$ 350,000		
		Change	HP	CST				\$ 4,000,000	
			L	CST					\$ 1,000,000
EB-5883	Construct sidewalks on Wendover from Greccade St to N. Church and from Summit Ave to US 29	Current	TAANY	R/W			\$ 237,000		
			L	R/W			\$ 59,000		
			TAANY	CST			<del>\$2,249,000</del>		
			L	CST			<del>\$ 562,000</del>		
		Change	TAANY	CST				\$ 2,249,000	
			L	CST					\$ 562,000
EB-5900	Construct Multi-use path on Summerfield South Greenway from US 220 to Centerfield Rd	Current	TAANY	R/W			\$ 312,000		
			L	R/W			\$ 78,000		
			TAANY	CST			<del>\$3,120,000</del>		
			L	CST			<del>\$ 780,000</del>		
		Change	TAANY	CST				\$ 3,120,000	
			L	CST					\$ 780,000
EB-5987	Construct multi-use path on Old Battleground from Lake Brandt Rd to Bicentennial Greenway	Current	TAANY	ENG	\$ 79,000		\$ 79,000		
			L	ENG	\$ 20,000		\$ 20,000		
			TAANY	R/W			\$ 9,000		
			L	R/W			\$ 2,000		
			TAANY	CST				\$ 710,000	
			L	CST				\$ 177,000	
		Change	TAANY	ENG			\$ 79,000		
			L	ENG			\$ 20,000		
			TAANY	R/W				\$ 9,000	
			L	R/W				\$ 2,000	
			TAANY	CST					\$ 710,000
			L	CST					\$ 177,000
TL-0055*	J. Douglas Galyon Depot State of Good Repair Phase 3	Current	BGANY	CST			\$1,600,000		
			L	CST			\$ 400,000		
		Change	5339	CST			\$ 850,000		
	L	CST			\$ 212,500				
U-5532C	Constructs sidewalk on Budd Station Rd from Scott Rd and Townsend Rd	Add	BGANY	CST			\$ 236,000		
			L	CST			\$ 74,000		
U-5532G	Construct sidewalk and ADA ramps on Four Seasons Blvd, Summit Ave, Pear St, and Byers Rd	Current	TADA	CST			\$920,000		
			L	CST			\$230,000		
		Change	TADA	CST				\$920,000	
	L	CST					\$230,000		
U-5532H	Construct sidewalk and ADA ramps on Seminole Dr, Whipoorwill, and Bessemer Ave	Current	TADA	CST			\$536,000		
			L	CST			\$134,000		
		Change	TADA	CST				\$536,000	
	L	CST					\$134,000		
U-5532I	Construct sidewalk and ADA ramps on Holden Rd, Cotswold Ave, Greenbriar Rd, and Swing Rd	Current	TADA	PE	\$65,000				
			L	PE	\$16,000				
			TADA	R/W			\$320,000		
			L	R/W			\$80,000		
			TADA	CST			\$934,000		
			L	CST			\$234,000		
			TADA	PE			\$ 72,000		
			L	PE			\$ 18,000		
		Change	TADA	R/W				\$320,000	
	L	R/W				\$80,000			
	TADA	CST				\$934,000			
	L	CST				\$234,000			

### Notes:

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

### Funding Sources Key:

**5339** - Capital Program - Bus Earmark (FBUS)

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

**HP** - High Priority (Earmark)

**L** - Local Funds

**TAANY** - Transportation Alternatives Program Any Area

**TADA** - Transportation Alternatives Program (Direct Attributable)

**RESOLUTION AMENDING AND MODIFYING THE GREENSBORO URBAN AREA  
FY 2024-2033 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM:  
TRANSIT, BICYCLE AND PEDESTRIAN PROJECTS**

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

WHEREAS, the Transportation Advisory Committee has reviewed the current 2024-2033 Metropolitan Transportation Improvement Program, adopted by the TAC on September 20, 2023 and has found that a modification and amendment is needed; AND

WHEREAS, the MPO and NCDOT determined the need to modify the 2024-2033 TIP for ten projects C-5555E, BL-0041, BL-0042, EB-5883, EB-5900, EB-5987, U-5532C, U-5532G, H-5532H, and U-5532I and amend two projects BL-0116 and TL-0055; AND

WHEREAS, these amendments and modifications are needed to maintain MTIP-STIP consistency; AND

WHEREAS, the amendment for project BL-0116 and TL-0055 will add earmark funding for construction in FY 2024; AND

WHEREAS, the modification will remove project C-5555E due to construction completion; AND

WHEREAS, the modification will add project U-5532C and the corresponding funding; AND

WHEREAS, the modification adjusts scheduling for projects projects BL-0041, BL-0042, EB-5883, EB-5900, EB-5987, U-5532G, H-5532H, and U-5532I; AND

WHEREAS, project EB-5883 was modified at the April 3, 2024 Board of Transportation meeting, projects BL-0041, BL-0042, EB-5900, EB-5987, U-5532G, H-5532H, and U-5532I at the May 1, 2024 Board of Transportation meeting, and will take actions on projects C-5555E, BL-0116, U-5532C, and TL-0055 at the June 6, 2024 Board of Transportation meeting; AND

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

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

NOW Therefore be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, to act on the Metropolitan Transportation Improvement Program for FY 2024-2033 to modify ten projects C-5555E, BL-0041, BL-0042, EB-5883, EB-5900, EB-5987, U-5532C, U-5532G, H-5532H, and U-5532I and amend two projects BL-0116 and TL-0055, on this day, May 8, 2024.



\*\*\*\*\*

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

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day May 8, 2024.

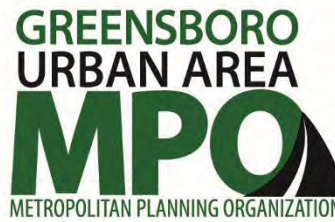
\_\_\_\_\_  
Chair, Transportation Advisory Committee

\*\*\*\*\*

Subscribed and sworn to me on this day May 8, 2024.

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

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



To: TAC and TCC  
 From: Tyler Meyer, AICP, TCC Chair  
 Subject: FY 2023-24 Unified Planning Work Program Amendment #1  
 Date: May 8, 2024

**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. The current year FY 2023-2024 UPWP will remain in effect through June 30. At this time an amendment is required to shift funds between line items. Overall funding levels and do not change.

**Amendment Needed to Shift Funding Between Line Items**

The UPWP provides for a wide range of work to be conducted over the course of the year. From time to time amendments are needed. At this time an amendment is needed to shift funds between line items to reflect actual work and expenditures expected by the end of the fiscal year for year-end billing purposes. There are no changes to total funding amounts, and no revisions to the task narrative.

**FY 2023-2024 UPWP Funding Totals**

Funding Source	Federal Funding	Local Match	State Match	Total
<b>FY 24 Funds</b>				
FHWA PL	\$517,300	\$129,325	\$0	\$646,625
FHWA PL Setaside	\$22,300	\$5,575	\$0	\$27,875
FHWA BGDA	\$840,000	\$210,000	\$0	\$1,050,000
FHWA SPR	\$0	\$0	\$0	\$0
FTA 5303	\$217,393	\$27,174	\$27,174	\$271,741
<b>FY 23 Totals</b>	<b>\$1,596,993</b>	<b>\$372,074</b>	<b>\$27,174</b>	<b>\$1,996,241</b>
<b>Prior Year Carryover Funds</b>				
FHWA BGDA	\$216,000	\$54,000		\$270,000
FHWA SPR	\$791,040	\$98,880	\$98,880	\$988,800
FTA 5303	\$319,081	\$39,885	\$39,885	\$398,851
<b>Carryover Totals</b>	<b>\$1,326,121</b>	<b>\$192,765</b>	<b>\$138,765</b>	<b>\$1,657,651</b>
<b>Grand Total</b>	<b>\$2,923,114</b>	<b>\$564,839</b>	<b>\$165,939</b>	<b>\$3,653,892</b>

**Recommended Action & Next Steps**


- Amend UPWP on May 08, 2024.
- NCDOT & FHWA approval will follow.

**Enclosures**

- UPWP Administrative Table
- Task Narrative
- Approval Resolution

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

 PO BOX 3136  
 GREENSBORO NC 27402-3136

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GUAMPO UPWP FY 2023-2024: Administrative Table

			MPO Planning - PL104			Safe & Acc Transp Options - PL104	BGDA			SPR				Transit Planning - 5303					OVERALL TOTALS			
FTA CODE	TASK CODE	TASK DESCRIPTION	Local	Federal	Total	Federal - Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal	Local	Total	Local	State	Federal	Grand Total
			20%	80%	100%	100%	20%	80%	100%	10%	10%	80%	100%	10%	10%	80%	100%	100%				
<b>II-A Data and Planning Support</b>																						
44.24.00	II-A-1	Networks and Support Systems	\$ 25,000	\$ 100,000	\$ 125,000		\$ 59,335	\$ 237,338	\$ 296,673					\$ 10,000	\$ 10,000	\$ 80,000	\$ -	\$ 100,000	\$ 85,000	\$ 10,000	\$ 380,000	\$ 475,000
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.23.02	II-A-3	Transportation Modeling	\$ 31,071	\$ 124,285	\$ 155,357														\$ 27,500	\$ -	\$ 110,000	\$ 137,500
<b>II-B Planning Process</b>																						
44.23.02	II-B-1	Target Planning	\$ 10,000	\$ 40,000	\$ 50,000		\$ 3,734	\$ 14,935	\$ 18,669								\$ -	\$ -	\$ 10,000	\$ -	\$ 40,000	\$ 50,000
44.23.01	II-B-2	Regional Planning	\$ 25,000	\$ 100,000	\$ 125,000		\$ 29,335	\$ 117,338	\$ 146,673										\$ 45,000	\$ -	\$ 180,000	\$ 225,000
44.23.01	II-B-2A	Regional Planning: Safe & Acc Transp Options				\$ 22,300													\$ -	\$ -	\$ 22,300	\$ 22,300
44.27.00	II-B-3	Special Studies																	\$ -	\$ -	\$ -	\$ -
44.27.00	II-B-3B	Better Bus Stop Plan												\$ 17,174	\$ 17,174	\$ 137,393	\$ -	\$ 171,741	\$ 17,174	\$ 17,174	\$ 137,393	\$ 171,741
44.27.00	II-B-3C	Downtown Transportation Study					\$ 64,000	\$ 256,000	\$ 320,000										\$ 100,000	\$ -	\$ 400,000	\$ 500,000
44.27.00	II-B-3D	E. Gate City Blvd Corridor Improvement Feasibility Study					\$ 40,000	\$ 160,000	\$ 200,000										\$ 40,000	\$ -	\$ 160,000	\$ 200,000
<b>III-A Planning Work Program</b>																						
44.21.00	III-A-1	Planning Work Program	\$ 1,250	\$ 5,000	\$ 6,250		\$ 239	\$ 956	\$ 1,196								\$ -	\$ -	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
44.24.00	III-A-2	Metrics and Performance Measures	\$ 2,500	\$ 10,000	\$ 12,500		\$ 933	\$ 3,734	\$ 4,667								\$ -	\$ -	\$ 2,500	\$ -	\$ 10,000	\$ 12,500
<b>III-B Transp. Improvement Plan</b>																						
44.25.00	III-B-1	Prioritization	\$ 12,600	\$ 50,400	\$ 63,000		\$ 4,705	\$ 18,818	\$ 23,523								\$ -	\$ -	\$ 12,600	\$ -	\$ 50,400	\$ 63,000
44.25.00	III-B-2	Metropolitan TIP	\$ 7,500	\$ 30,000	\$ 37,500		\$ 2,800	\$ 11,201	\$ 14,002								\$ -	\$ -	\$ 7,500	\$ -	\$ 30,000	\$ 37,500
44.25.00	III-B-3	Merger/Project Development	\$ 990	\$ 3,960	\$ 4,950		\$ 370	\$ 1,479	\$ 1,848								\$ -	\$ -	\$ 1,000	\$ -	\$ 4,000	\$ 5,000
<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	\$ -	\$ -	\$ -												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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		\$ 706	\$ 2,823	\$ 3,529								\$ -	\$ -	\$ 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		\$ 467	\$ 1,867	\$ 2,334								\$ -	\$ -	\$ 1,250	\$ -	\$ 5,000	\$ 6,250
<b>III-E Management Ops, Program Suppt Admin</b>																						
44.27.00		Management Operations	\$ 9,664	\$ 38,655	\$ 48,318		\$ 3,378	\$ 13,510	\$ 16,888								\$ -	\$ -	\$ 13,225	\$ -	\$ 52,900	\$ 66,125
<b>TOTALS:</b>			<b>\$ 129,325</b>	<b>\$ 517,300</b>	<b>\$ 646,625</b>	<b>\$ 22,300</b>	<b>\$ 210,000</b>	<b>\$ 840,000</b>	<b>\$ 1,050,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 27,174</b>	<b>\$ 27,174</b>	<b>\$ 217,393</b>	<b>\$ -</b>	<b>\$ 271,741</b>	<b>\$ 366,499</b>	<b>\$ 27,174</b>	<b>\$ 1,596,993</b>	<b>\$ 1,990,666</b>
			<b>Local</b>	<b>Federal</b>	<b>Total</b>	<b>Federal - Total</b>	<b>Local</b>	<b>Federal</b>	<b>Total</b>	<b>Local</b>	<b>State</b>	<b>Federal</b>	<b>Total</b>	<b>Local</b>	<b>State</b>	<b>Federal</b>	<b>Local</b>	<b>Total</b>	<b>Local</b>	<b>State</b>	<b>Federal</b>	<b>Grand Total</b>
			<b>PL 104</b>				<b>BGDA</b>			<b>SPR</b>				<b>5303</b>			<b>Additional</b>		<b>Totals</b>			
44.21.00	II-A-2	PTRM Household Survey (FY 2022 funds)								\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800						\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800
44.27.00	II-B-3A	Downtown Parking Plan (FY 2023 funds)					\$ 54,000	\$ 216,000	\$ 270,000										\$ 54,000	\$ -	\$ 216,000	\$ 270,000
44.23.01	II-B-2	Mobility GSO 2045 (FY 2023 funds)												\$ 39,885	\$ 39,885	\$ 319,081	\$ 398,851	\$ 398,851	\$ 39,885	\$ 39,885	\$ 319,081	\$ 398,851
<b>Totals- Prior year funded studies that will be completed in FY 24</b>							\$ 54,000	\$ 216,000	\$ 270,000	\$ 98,880	\$ 98,880	\$ 791,040	\$ 988,800	\$ 39,885	\$ 39,885	\$ 319,081	\$ 398,851	\$ 398,851	\$ 192,765	\$ 138,765	\$ 1,326,121	\$ 1,657,651

# GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

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## II-A-1 Networks and Support Systems

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### *System Usage Data*

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

### *Transit Data & Planning Support*

- Maintain GTA's General Transit Feed Specification (GTFS) feed, keep it up to date, and implement protocols for managing it effectively.
- Collaborate with GTA to implement its new CAD/AVL software and hardware from GMV Synchronatics aligning the GTFS with the new system.
- Evaluate ridership and schedule adherence for GTA Fixed Routes and HEAT service.
- Use transit analysis software to evaluate service changes, identify productive route modifications, and plan new transit routes and services.
- Manage the planning efforts for GTA's Downtown Circulator Pilot
- Manage GTA's Zero Emission Fleet Transition Planning process working with Planning Communities LLC.
- Forecast paratransit and fixed route ridership
- Manage and analyze data and study ridership trends on fixed route as well as boardings and alightings by stop to support short term service needs and the bus stop consolidation and improvement program.
- Continue improving the city's bus stop planning program in three phases to ensure adequate infrastructure for public transportation:
  - 1) Planning and analysis – data maintenance enabling GTA to accurately prioritize improvements, including ADA updates, shelter construction, and Mobility Hub construction. GTA/MPO/Engineering will continue to complete stop consolidations to improve stop placement for safety and efficiency
  - 2) Project management and implementation – facilitate new infrastructure construction in a timely manner by coordinating between GDOT Engineers, Engineering & Inspections, GTA Maintenance and Field Operations.
  - 3) Maintenance – ensuring bus stop infrastructure remains adequate and stop level assets are maintained, GTA will connect its stop assets into the City's EAM system to create work orders and will contract a dedicated sign and stop crew.

### *Safety Data & Planning Support*

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

### *Infrastructure Data*

- Use sidewalk, greenway, and curb ramp condition data to prepare and update analyses of repair, reconstruction, and modernization needs.

## GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

- 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.

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### II-A-2 Travelers and Behavior

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

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### II-A-3 Transportation Modeling

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

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### II-B-1 Target Planning

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

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### II-B-2 Regional Planning

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#### *2045 Metropolitan Transportation Plan*

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

#### *Mobility Greensboro Long Range Public Transportation Plan*

- The Lead Planning Agency will work with Jarrett Walker & Associates and GTA on the Mobility Greensboro 2045 Transit Master Plan. The work will include updating the plans goals and objectives, existing conditions, user and public preferences, route design and redesign options, new service priorities, options for enhancing revenues and funding for transit, and the potential role for mobility hubs, microtransit, and technology to improve transit service delivery and user experience.
- Pursue strategic partnerships with businesses, institutions, and the community.
- Coordinate with traffic engineers and land-use planners about implementation of roadway design, and land-use policies to enact comprehensive improvements to GTA's system.
- Coordinate with the Planning and Housing/Neighborhood Development Departments to ensure land-use and housing efforts connect with public transit.

## GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

- Create presentation materials to facilitate conversations about tradeoffs and decision making.
- Support development of financial strategies to support operations, maintenance, and capital funding.

### *Bicycle, Pedestrian, Greenways and Trails Master Plan*

- Development of transportation plans to...
- (A) Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
- (B) Integrate active transportation facilities with public transportation service or improve access to public transportation.
- Continue to reevaluate pedestrian recommendations including for sidewalk construction, pedestrian crossing improvements, and maintenance issues.
- Continue to reevaluate bicycle facilities recommendations.
- Work with Parks & Recreation and stakeholder agencies to continue to prioritize and refine greenway recommendations.
- Prepare an amendment to the 2015 BiPed Plan/ 2018 BiPed Amendment as needed to keep project recommendations current.
- Coordinate and support bicycle and pedestrian education and promotion, including Bike Month.
- Oversee the Shared Micromobility Services Program. Coordinate with operator, mobility data platform service, and stakeholders for program development, public education, and rider safety and permit compliance.
- Coordination on developing and maintaining greenways of regional significance.
- Provide technical assistance for bicycle and pedestrian planning issues, studies, and initiatives.

### *Vision Zero Greensboro Action Plan*

- Complete an update to the Vision Zero Greensboro Action Plan and incorporate elements to assess crash trends, hot spots, and needs outside the City of Greensboro to the extent the data allows. Include an assessment of options for developing a cleaned and accurate data set for analyzing crashes outside the City.
- Support implementation of MPO safety programs under the priorities of the Action Plan.
- Cultivate and maintain partnerships with public health, law enforcement, education, and others on data sharing and implementation. This includes establishment of ongoing consultative structures, such as topical working groups and/or advisory committees
- Implement and coordinate pedestrian and bicycle safety education and enforcement programs such as Watch for Me NC and Safe Route to School in conjunction with area law enforcement agencies.
- Identify and prioritize infrastructure improvement needs, policy changes, and other steps.
- Promote safety initiatives outside of the City of Greensboro in cooperation with Division 7 and area officials.
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### II-B-2A      Regional Planning: Safe & Accountable Transportation Options

- Adoption of Complete Streets standards or policies.
- Development of a Complete Streets prioritization plan that identifies a specific list of Complete Streets projects to improve the safety, mobility, or accessibility of a street.
- Development of transportation plans to:
  - Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
  - Integrate active transportation facilities with public transportation service or improve access to public transportation.

# GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

- Create multiuse active transportation infrastructure facilities (including bikeways or pedestrian and bicycle trails) that make connections within or between communities.
- Increase public transportation ridership; and
- Improve the safety of bicyclists and pedestrians.
- Regional and megaregional planning (i.e., multi-jurisdictional transportation planning that extends beyond MPO and/or State boundaries) that address travel demand and capacity constraints through alternatives to new highway capacity, including through intercity passenger rail; and
- Development of transportation plans and policies that support transit-oriented development.

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## II-B-3 Special Studies

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### *Greensboro Downtown Parking Plan II-B-3A*

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

### *Better Bus Stop Plan II-B-3B*

- The Better Bus Stop Plan will systematically study GTA's current network of bus stops, bus shelters, and related amenities. The Plan will study the current system of stops and shelters to identify locations where redundant stops can be eliminated; where stops currently in unsafe locations can be relocated to; where accessibility and pedestrian connections are needed and what improvements are recommended; and where shelters, amenities (with an expanded tool box of best practice options), or other improvements are needed. Needed actions would be prioritized and interlinked with the Mobility Greensboro 2045 Plan recommendations. Current practices for maintaining, upgrading, and implementing stop and shelter improvements would also be studied and improvements recommended.

### *Downtown Transportation Study II-B-3C*

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

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

This study will assess multimodal corridor improvement needs on East Gate City Boulevard from Elm Street to I-40. The study will factor in details from the previously completed Feasibility Study of improvements from Coliseum Boulevard to Elm Street, as well as the pending roadway modernization (HL-0046) from

# GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

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

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## III-A-1 Planning Work Program

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- Administer the FY 2023-24 UPWP. Prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2023-2024 UPWP.

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## III-A-2 Metrics and Performance Measures

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- 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.

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## III-B-1 Prioritization

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- Implementation of the MPO Ranking Process for Prioritization 7.0.
- Work with NCDOT and GDOT traffic engineering to conduct detailed evaluation of transportation needs and identification of prioritization candidates. Conduct detailed work on scoping, refining, and documenting the need or likely scope and cost of such projects, including by coordinating with NCDOT on express designs and conducting the local equivalent where appropriate.
- Assess infrastructure improvement needs to identify candidate projects for NCDOT Prioritization, High Impact/Low Cost program, MPO DA, CRP, CMAQ funding, and/or local funding.
- Issue a call for Transportation Alternatives DA projects as appropriate.

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## III-B-2 Metropolitan TIP

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- Finalize and approve the FY 2024-2033 MTIP.
- Process amendments to FY 2024-2033 MTIP and ensure consistency with the STIP.
- Maintain and update “current MTIP as amended” / live MTIP posted online after every MPO meeting to keep it up to date
- Administer TADA program.
- Manage the MPO’s locally administered federal and state project programs, including agreements and ensuring MTIP consistency. Participate in the NCDOT project development, environmental study, and permitting process for area projects.
- Administer and update the Transit Resource Allocation Plan as needed.
- Update annual Program of Projects to administer transit projects.



## GUAMPO FY 2023-2024 UPWP Task Narrative

*Unchanged, provided for informational purposes*

- Oversee local government federal-aid project development activities for pedestrian and bicycle facilities, transit, and highway improvements.
- Coordinate review and involvement for local government feedback on NCDOT project designs.
- Coordinate with other agencies (NCDOT, PART) and city departments (Engineering, Engineering & Inspection, Parks & Rec) for project implementation, project planning, and travel modelling.

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### III-B-3 Merger/Project Development

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

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### III-C-6 Public Involvement

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

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### III-D-1 Statewide & Extra-Regional Planning

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

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### III-E Management, Operations & Program Support

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

**RESOLUTION AMENDING THE FY 2023-2024 UNIFIED PLANNING WORK PROGRAM  
FOR THE GREENSBORO URBAN AREA**

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

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

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

**WHEREAS**, at this time an amendment to the FY 2023-2024 UPWP is needed to shift funds between line items to reflect actual work and expenditures expected by the end of the fiscal year for year-end billing purposes; 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 2023-2024;

**NOW THEREFORE** be it resolved that the Greensboro Urban Area Transportation Advisory Committee hereby amends the Fiscal Year 2023-2024 Unified Planning Work Program for the Greensboro Urban Area on this day May 8, 2024.

\*\*\*\*\*

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

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this day, May 8, 2024.

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

\*\*\*\*\*

Subscribed and sworn to me on this day, May 8, 2024.

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

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

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907CL 48630.3.1	Traffic Signal revisions at the following locations: US 70 (Wendover Avenue) at Gatewood Avenue; SR 3163 (Market Street) at English Street; SR 4240 (Gate City Boulevard) at Willow Road; SR 1007 (Randleman Rd) at W Elmsley Dr/Nestleway Drive; SR 1007 (Randleman Rd) at Glendale Drive; SR 1007 (Randleman Rd) at Vandalia Road; US 220 (Battleground Avenue) at Cornwallis Drive; and SR 1008 (Market Street) at Holden Road in Greensboro	7/1/2021	Jul. 2024	\$67,500	Construction underway - 2 locations remaining - <b>Battleground &amp; Cornwallis (waiting on Duke Energy to relocate utilities) Holden &amp; Market (to be scheduled)</b>	City of Greensboro
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>	7/1/2021	Jul. 2024	\$200,700	Final location remaining US 29 at Cone Blvd. <b>(final task is to install ped signals-should be complete by 4-5-2024)</b>	City of Greensboro
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.	TBD	FY2024	\$9,900	Funds approved 3/5/20 and released 6/23/20, Agreement pending for construction by City of Greensboro. <b>(municipal agreement goes to City Council in May for their approval)</b>	City of Greensboro
EB-6037C	Construct Multiuse Path (A&Y Greenway) from Spring Garden Street to south of Rollins Road	6/8/2023	FY2025	\$8,936,000	Construction underway	City of Greensboro/Stephen Robinson
U-5532E	Construct sidewalk on Big Tree Way and Wendover Avenue	9/28/2023	FY2025	\$1,888,087	<b>Construction Underway.</b>	City of Greensboro/Stephen Robinson
AV-5701	Piedmont Triad International Airport Runway 5R-23L Extension Program	<b>3/1/2025</b>	FY2027	\$20,000,000	Planning and design activities underway	Rachel Bingham
HL-0046	Modernize roadway, curb and gutter and construct sidewalk on SR 4240 (E. Gate City Blvd.) from Willow Road to Florida Street	<b>9/19/2024</b>	FY2026	\$3,560,000	COG working on plans to resubmit for NCDOT review.	City of Greensboro/Stephen Robinson

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
U-5532F	Construct sidewalks on Holden Road at various locations	8/22/2024	FY2027	\$1,897,879	Final Plans and Bid Docs under reviewed by NCDOT and returned with comments.	City of Greensboro/Stephen Robinson
SS-6207M 50759	SR 1398 (Freeman Mill Road) at Coliseum Boulevard - Install pedestrian signals for existing crosswalk	1/29/2024	2/5/24	\$15,500	Design activities underway - traffic signal plans revised. <b>Construction Completed.</b>	Dawn McPherson
EB-5877	Construct sidewalk on Farmington Drive from Wintergarden Lane to SR 4021 (West Gate City Boulevard)	9/26/2024	FY2026	\$300,000	Final plans and bid docs returned to COG for revisions. <b>Plans under review.</b>	City of Greensboro/Stephen Robinson
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>	6/20/2024	FY2025	\$450,000	Funding approved, design underway Additional funding being secured. Traffic Control Plans by central.	Trung Nguyen
EB-5878	Construct Sidewalk on West Meadowview Road from SR 1007 (Randleman Road) to South Elm Eugene Street	9/5/2024	FY2027	\$259,000	Final Plans and Bid Docs approved. Supplemental agreement to municipal agreement underway.	City of Greensboro/Stephen Robinson
I-5955A 45908.1.2	Rehabilitation of bridges in Guilford County	4/16/2024	FY2026	\$10,100,000	Planning and design activities underway. Turned in for letting.	Chad Reimakoski
BL-0041	Repair surfaces on Lake Daniel Greenway from Friendly Avenue to Josephine Boyd Street and Latham Park Greenway at the tennis courts near Wendover Avenue	10/3/2024	FY2026	\$500,000	Final plans and bid docs have been approved. Letting activities pending.	City of Greensboro/Stephen Robinson

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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>	TBD	Oct. 2024	\$385,000	Funds approved 9/5/19 and released 6/23/20 - Design work underway, ROW underway	Trung Nguyen
SS-6207H	Installation of signs for the US 70 relocation onto Wendover Ave. at I-40	Spring 2024	7/1/24	\$275,000	Waiting on sign production.	Dawn McPherson
U-5532G	Sidewalk improvements at various locations in Greensboro	10/17/2024	FY2026	\$1,149,700	Final Plans approved - COG needs to submit bid docs for review	City of Greensboro/Stephen Robinson
U-5532H	Construct sidewalk at locations on Seminole Drive and West Bessemer Avenue	10/31/2024	FY2026	\$670,220	Final plans and bid docs have been approved. Letting activities pending.	City of Greensboro/Stephen Robinson
BL-0042	Construct greenway and sidepath on Vance Arlington Greenway from north of Florida Street to Bragg Street in Greensboro	11/14/2024	FY2027	\$1,200,000	COG working on plans to resubmit for NCDOT review.	City of Greensboro/Stephen Robinson
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>	6/20/2024	FY2026	\$1,300,000	Planning and design activities underway, ROW Certified. Utilities need to be moved.	Trung Nguyen
Y-4807B 40325.2.59 40325.3.59	Pine Street RR crossing closure and Lowdermilk St./ Sykes Ave. realignment in <b>Greensboro</b>	5/28/2024	FY2027	\$2,550,000	Planning and design activities underway, COG acquiring ROW - complete	Kumar Trivedi
HL-0047	Construct sidewalks on SR 2523 (Yanceyville Street) from Lees Chapel Road to I-840 (Greensboro Urban Loop) and widen and modernize roadway and construct sidewalks on SR 2876 (Sands Drive) from East Cone Blvd. to McKnight Mill Road, and on Old Battleground Road	9/26/2024	FY 2027	\$550,000	Environmental Document approved. Plans reviewed by NCDOT and returned with comments.	City of Greensboro/Stephen Robinson

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
U-5532C	Construct sidewalk on the eastern side of Rudd Station Road from Townsend Road to Scott Road and on the Northern side of Scott Road from Rudd Station Road to Summit Avenue	5/30/2024	FY2026	\$370,000	Final plans and bid docs approved. Letting activities pending.	City of Greensboro/Stephen Robinson
SS-6007L 49289.2.1 49289.3.1	Traffic signal installation and pedestrian accommodations at the intersection of SR 4240 (W Gate City Boulevard) at Fulton Street in <b>Greensboro</b>	6/7/2024	FY2025	\$81,000	Funds approved 6/4/20 but not released. <b>(working with AT&amp;T to relocate pole that is in conflict with signal installation)</b>	City of Greensboro/Dawn McPherson
SS-6207X 51273	SR 1002 (Scalesville Road) at SR 2347 (Lake Brandt Road) in Summerfield. Convert Intersection to all way stop.	6/28/2024	9/28/24	\$45,000	Planning and Design activities underway	Dawn McPherson
SS-6007N	Traffic signal revision at SR 1398 (Freeman Mill Road) and Florida Street	6/29/2024	FY2025	\$5,000	COG Forces to complete work. <b>City says work to be scheduled.</b>	City of Greensboro/Dawn McPherson
SS-6007O	Traffic signal revisions at SR 1541 (Wendover Avenue) and Big Tree Way	6/29/2024	FY2025	\$5,000	COG Forces to complete work. <b>City says work to be scheduled.</b>	City of Greensboro/Dawn McPherson
SS-6007Q	Traffic signal revisions at SR 1541 (Wendover Avenue) and Norwalk Street	6/29/2024	FY2025	\$5,000	COG Forces to complete work. <b>City says work to be scheduled.</b>	City of Greensboro/Dawn McPherson
C-5600E	I-85 Guilford County Extension of Traffic Management systems	6/20/2024	FY2026	\$1,891,000	Planning and design activities underway.	Dominic Ciaramitaro
HS-2007G 49317.3.8	US 29 from US 29 at Lakeview Memorial Park Cemetery Entrance. Construct directional crossover.	TBD	FY2024	\$410,000	Construction funds set up and approved to deliver SS-4907CI design plans. Needs to be re-let.	Trung Nguyen

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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>	TBD	FY2026	\$1,500,000	Final design underway, ROW certified 2/4/20, advertised, bids rejected, Additional let scheduled - Waiting on permit renewal.NCDOT and City in discussions.	Chris Smitherman
AV-5707	Piedmont Triad Internatonal Airport, Construct Taxiway G	7/1/2024	FY2027	\$15,900,000	Planning and design activities underway	Rachel Bingham
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>	7/15/2025	FY2026	\$12,375,000	Planning and design activities underway - ROW 90% complete.	Brad Smythe
17BP.7.R.116	Replace Bridge #224 on McConnell Road	8/9/2024	FY2027	\$5,350,000	Planning and design activities underway - awaiting funding	Daniel Dagenhart
C-5600U	Triad TMC Upgrade	9/19/2024	FY2026	\$1,647,900	New Let Date Pending	Dominic Ciaramitaro
U-5532I	Construct sidewalks and ADA ramps on Holden Road, Cotswald Avenue, Greenbriar Road and Swing Road	4/24/2025	FY2026	\$1,649,082	COG working on plans to resubmit for NCDOT review.	City of Greensboro/Stephen Robinson
EB-5985	Construct sidewalk on Cone Blvd. from US 29 (N. O'Henry Blvd.) to St. Regis Road in Greensboro	9/26/2024	FY2026	\$471,000	COG working on plans to submit for NCDOT review.	City of Greensboro/Stephen Robinson
HL-0048	Pedestrian signal installation, accessible ramp construction and traffic signal replacements at various intersections in Greensboro	9/26/2024	FY2026	\$1,000,000	COG in discussions with consultant firm to begin work	City of Greensboro/Stephen Robinson



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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
EB-5883	Construct sidewalk on US 220 (Wendover Ave.) from Grecale St. to SR 1001 (N. Church St.) and from SR 2526 (Summit Ave.) to US 29 (N. O'Henry Blvd.)	2/27/2025	FY2027	\$2,811,000	COG working on ROW plans for resubmittal to NCDOT for review	City of Greensboro/Stephen Robinson
HL-0126	LINDLEY ROAD, WEST FRIENDLY AVENUE TO NORTH COLLEGE ROAD NEAR WESTERN GUILFORD MIDDLE SCHOOL. LINDLEY ROAD MODERNIZATION.	9/26/2024	FY 2027	\$2,304,000	Project setup and assigned.	Stephen Robinson
EB-5900	Construct Multiuse Path from US 220 to Centerfield Road in Summerfield	3/27/2025	FY2026	\$3,896,000	Planning and design activities underway	Town of Summerfield/Stephen Robinson
HS-2407A	SR 2526 (Summit Avenue) at Textile Drive. Install pedestrian signal heads, crosswalk, and other intersection improvements.	10/17/2024	4/1/25	\$70,000	Planning and design activities underway.	Dawn McPherson
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>	12/17/2024	FY2026	\$11,500,000	Planning and design activities underway, Coordinate with U-5974, ROW complete, utilities relocations underway. Final Plans complete.	Chris Smitherman
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>	12/17/2024	FY2027	\$45,700,000	Planning and Design activities underway, Public meeting 8/14/18 - Preliminary ROW work underway. <b>90% plans.</b>	Bryan Key
EB-5987	Construct sidewalk on Old Battleground Road from Lake Brandt Road to the Bicentennial Greenway in Greensboro	2/27/2026	FY2026	\$887,000	COG to determine entity that will prepare plans and specifications	City of Greensboro/Stephen Robinson
BL-0116	A&Y GREEWAY, HILL STREET TO ROLLINS ROAD. EXTEND GREENWAY.	TBD	TBD	\$2,100,000	Project setup and assigned. <b>Funded for PE Only</b>	Stephen Robinson

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
BL-0117	A&Y GREENWAY AT LAKE BRANDT. REPLACE BRIDGE.	2/26/2025	FY 2028	\$2,538,000	Project setup and assigned.	Stephen Robinson
15BPR.113	Rehabilitation of Bridge #875 on I-73 over I-85 and Rehabilitation of Bridge #5245 on NC 62 over I-85	3/18/2025	FY2027	\$2,000,000	Planning and design activities underway	Kristy Alford
50806	Install left turn lane on SR 2347 (Lake Brandt Road) at SR 2324 (Plainfield Road) near Summerfield	3/20/2025	10/31/26	\$600,000	Planning and deisgn activities underway	Trung Nguyen
EB-5986	Construct sidewalk/sidepath on Benjamin Parkway and Westover Terrace	3/27/2025	FY2027	\$1,200,000	COG working on environmental document for NCDOT to review. Municipal agreement executed.	City of Greensboro/Stephen Robinson
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>	3/20/2025	FY2025	\$600,000	No bids on recent letting - discussions taking place for next steps	Brian Ketner
BR-0078 67078.1.1 67078.2.1 67078.3.1	Replace bridges #292 and #467 on Wendover Avenue over Battleground Avenue	1/19/2027	FY2028	\$21,500,000	Planning and design activities underway	Jon Gaillard
P-5714	NCRR Norfolk Southern, Pomona Yard - Extend auxiliary track and add power turnouts	6/20/2027	FY2028	\$3,000,000	Planning and design activities underway	Brad Smythe
P-5713	Convert at-grade crossing to grade separation at North Carolina Railroad/Norfolk Southern Railroad an SR 1424 (Hilltop Road)	3/17/2026	FY2028	\$10,500,000	Planning and design activities underway	Kumar Trivedi

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
EB-5996	Construct sidewalk on SR 1001 (N. Church Street) from Henry Street/Electra Drive to Lee's Chapel Road	7/15/2025	FY2027	\$434,000	Planning and design activities pending. Municipal agreement needs to be requested for execution.	City of Greensboro/Stephen Robinson
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>	7/17/2025	FY2026	\$3,700,000	Planning and design activities underway, ROW certified 8/30/23. <b>Waiting on agreement. Utilities underway.</b>	Suzana Matta
17BP.7.R.134	Replace Bridge #183 on SR 2710 (Running Creek Road)	5/16/2024	FY2027	\$1,550,000	Planning and design activities underway - <b>Plans to contracts.</b>	Daniel Dagenhart
EB-5997	Construct sidewalk on Green Valley Road from Friendly Avenue to Westover Terrace in Greensboro	9/30/2025	FY2027	\$288,000	COG working on plans for submittal to NCDOT for review	City of Greensboro/Stephen Robinson
17BP.7.R.136	Replace Bridge #267 on Coble Church Road	10/2/2025	FY2027	\$1,800,000	Letting activities underway - awaiting funding	Daniel Dagenhart
EB-5995	Construct sidewalk on Lawndale Drive from Pisgah Church Road to Lake Brandt Road	12/18/2025	FY2027	\$381,000	COG working on plans for submittal to NCDOT for review.	City of Greensboro/Stephen Robinson
BP7.C002.1	Replace pipe on Abernathy Road	11/6/2025	FY2026	\$500,000	Planning and design activities underway Plans @ 65%. CFI Held.	Daniel Dagenhart
AV-5711	Piedmont Triad International Airport Surface Movement Guidance and Control System Update	12/1/2025	FY2027	\$9,000,000	Planning and design activities underway	Rachel Bingham

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
BR-0080	Replace Bridge #331 on Sullivan Street over US 29/ US 70/ US 220	12/16/2025	FY2028	\$4,800,000	Planning and design activities underway	David Stutts
AV-5800	Piedmont Triad International Airport Taxiway J Extension, Taxiway D to Taxiway J2	1/1/2026	FY2030	\$6,000,000	Planning and design activities underway	Rachel Bingham
BR-0077	Replace Bridge #131 on SR 2770 (Huffine Mill Road) over US 70	1/20/2026	FY2029	\$13,100,000	Planning and design activities underway. In coordination with P-5709	David Stutts
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>	7/15/2027	FY2030	TBD	Planning and design activities underway, Project transferred to City of Greensboro (LAP). Cost estimate needs to be reviewed and updated. <b>Public Inv. to take place later in 2024.</b>	City of Greensboro/Stephen Robinson
P-5747	Construct a grade separation at NCRR Norfolk Southern and South English Street	4/21/2026	FY2029	\$14,900,000	Planning and design activities underway	Kumar Trivedi
R-5823 47095.1.1 47095.2.1 47098.3.1	Widening of NC 65/NC 68 from NC65 in Stokesdale (Southernmost intersection) to US 220/ Future I-73 in Guilford/ <b>Rockingham Co.</b>	5/19/2026	FY2028	\$17,000,000	Planning and design activities underway, Coordinate with R-2577C. Public Meeting 9/25/23	Brandon Green
BR-0079	Replace Bridge #302 on Tuscaloosa Street over US 29/US 70/US 220	7/21/2026	FY2029	\$5,100,000	Planning and design activities underway	David Stutts
BP7-R012	Replace Bridge #124 on SR 2347 (Lake Brandt Road)	10/15/2026	FY2028	\$1,000,000	Planning and design activities underway Plans @ 65%. <b>CFI held.</b>	Daniel Dagenhart

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
AV-5718	Piedmont Triad International Airport construct High Speed Taxiway to Runway 5R-23L	12/1/2026	FY2030	\$3,000,000	Planning and design activities underway	Rachel Bingham
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>	12/15/2026	FY2029	\$18,173,000	Planning and design activities underway	Brian Ketner
BR-0081	Replace Bridges #283 & 342 on Phillips Avenue over US 29/ US 70/ US 220	1/19/2027	FY2029	\$11,500,000	Planning and design activities underway	Alexander Foster
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>	10/19/2027	FY 2030	\$10,900,000	Planning and design activities underway.	Hon Yeung
BR-0186	Replace Bridge #469 on Benjamin Parkway over SR 2254 (Wendover Avenue)	4/20/2027	FY2029	Pending	Planning and design activities underway	Bryan Key
B-5356 46070.3.FS1	Replace Bridge #299 over South Buffalo Creek on I-40 in <b>Greensboro</b>	10/17/2028	FY2030	\$11,700,000	Planning and design activities underway, Coordinate with I-5965	Bryan Key
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>	10/19/2027	FY2030	\$3,350,000	Planning and design activities underway, Coordinate with B-5713	Lindsay Crocker
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	12/21/2027	FY 2029	\$14,500,000	Planning and design activities underway, Coordinate with U-4758 and U-6045	Bryan Key

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
AV-5715	Piedmont Triad International Airport Runway 5R-23L Group IV Upgrade	1/1/2028	FY2032	\$10,000,000	Planning and design activities underway	Rachel Bingham
AV-5802	Piedmont Triad International Airport - Construct northwest apron to increase capacity for future expansion	3/1/2028	FY2032	\$10,000,000	Planning and design activities underway	Rachel Bingham
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>	7/18/2028	FY2030	\$48,100,000	Planning and design activities underway, Coordinate with U-4015A	Brandon Green
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	8/15/2028	FY2032	\$190,700,000	PE funds approved 11/13/18, NTP scheduled 9/20/21, Includes U-5898 (NC 150 Interchange)	Chris Smitherman
BP7-R020	Replace Bridge #376 on SR 2035 (Pearman Quarry Road)	10/5/2028	FY2030	\$700,000	Planning and design activities underway <b>CFI Held.</b>	Daniel Dagenhart
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)	2/1/2029	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. Funded for PE Only.	Suzana Matta
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>	7/17/2029	FY 2032	\$12,312,000	Planning and design activities underway	Radha Attaluri
EB-5992	Construct sidewalk on Spring Garden Street from SR 1008 (W. Market Street) to Pomona Drive and from Merritt Drive to Holden Road	8/25/2029	FY2031	\$315,000	Planning and design activities pending. Municipal agreement needs to be requested for execution.	City of Greensboro/Stephen Robinson



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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
BP7-R026	Replace Bridge #403 on SR 1372 (Alamance Road)	10/4/2029	FY2031	\$600,000	Planning and design activities underway	Daniel Dagenhart
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>	1/15/2030	Post years	\$13,661,000	Planning and design activities underway, Coordinate with I-5712 (Public meeting 5/21/19)	Bryan Key
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>	1/21/2031	FY2032	\$3,318,000	Planning and design activities underway, Coordinate with B-5718	Bryan Key
BP7-R003	Replace Bridge #86 on SR 1858 (Beeson Road)	9/19/2030	FY2032	\$1,000,000	Planning and design activities underway	Daniel Dagenhart
U-6129	Construct intersection and pedestrian improvements at West Friendly Avenue and Pembroke Road and roadway and access management improvements from Pembroke Road to Green Valley Road.	10/17/2030	FY2032	\$550,000	Planning and design activities pending	City of Greensboro/Stephen Robinson
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> .	2/18/2031	FY2033	\$12,458,000	Planning and design activities are currently paused	Alexander Foster
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>	3/27/2031	FY2033	TBD	Planning and design activities underway, Project transferred to City of Greensboro (LAP), PE move forward list 11/24/20. Cost estimate needs to be reviewed and updated. <b>Funded for PE only.</b>	City of Greensboro/Stephen Robinson
BP7-R004	Replace Bridge #167 on Richardson Village Way	9/4/2031	FY2032	\$1,000,000	Planning and design activities underway	Daniel Dagenhart

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
BP7-R025	Replace Bridge #174 on SR 2770 (Huffine Mill Road)	10/2/2031	FY2033	\$1,000,000	Planning and design activities underway	Daniel Dagenhart
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	1/20/2032	FY 2035	\$103,437,000	Planning and design activities underway. <b>Public outreach to begin soon.</b>	Bryan Key
P-5735	Construct a grade separation and close crossing at Norfolk Southern Main Line and SR 1584 (Yanceyville Street).	7/20/2032	FY2035	\$12,700,000	Planning and design activities underway	Kumar Trivedi
BP7-R027	Replace Bridge #439 on SR 1379 (Dorchester Road)	9/2/2032	FY2035	\$600,000	Planning and design activities underway	Daniel Dagenhart
BP7-R028	Replace Bridge #244 on SR 3077 (Brookhaven Mill Road)	10/4/2032	FY2035	\$900,000	Planning and design activities underway	Daniel Dagenhart
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>	1/1/2040	Post years	\$102,500,000	PE funds approved 6/5/18, State EA/FONSI scheduled 8/18/27	Chris Smitherman



North Carolina Department of Transportation

5/1/2024

Active Projects Under Construction - Guilford Co.

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
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	5/30/2024	100	94.41
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	6/30/2024	100	97.15
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	5/30/2024	100	95.81
C204150	U-5896	US-29/US-70/I-85 BUSINESS, SR 1009 (S. MAIN ST.) IN HIGH POINT AND BRIDGE #147 OVER US-311 ON US-29/US-70/I-85 BUSINESS	BOGGS CONTRACTING, INC	Lorenz, PE, Kris	\$25,325,396.73	3/28/2022	2/28/2025	4/23/2022	3/23/2025	83.6	41.13
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	93.1	64.69
C204665	U-5754	US-29/US-70/US-220 (O'HENRY BLVD.) FROM I-40/I-85 BUS. TO SOUTH OF FLORIDA ST. IN GREENSBORO.	BRANCH CIVIL INC	Lorenz, PE, Kris	\$5,144,885.00	3/15/2022	3/14/2023	4/25/2022	6/30/2024	100	83
C204712	B-5717	REPLACE BRIDGES #109 AND #121 OVER SOUTH BUFFALO CREEK ON SR 4240 (EAST GATE CITY BLVD.) IN GREENSBORO	CONTI CIVIL LLC	Cvijetic, PE, Bojan	\$8,270,442.00	10/15/2022	10/28/2025	11/29/2022	10/28/2025	64.9	63.84
C204771	R-5725	NC 68 AT SR 2129 (FOLGLEMAN RD) TO NC 150 IN OAK RIDGE	YATES CONSTRUCTION CO., INC	Hayes, PE, Meredith	\$10,497,020.93	3/15/2024	3/14/2026	3/15/2024	3/14/2026	0	0.58
C204781	HE-0005	PIEDMONT TRIAD INTERNATIONAL AIRPORT - ROADWAY CONNECTIONS IN RELATION TO BOOM SUPERSONIC	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Snell, PE, William H	\$8,991,271.36	9/15/2022	12/30/2024	10/5/2022	12/30/2024	81.5	79.35
C204813	BP7-R006	REPLACE BRIDGE #400225 OVER US 29/70 ON SR 1115 (REHOBETH CHURCH ROAD) IN GREENSBORO	ZACHRY CONSTRUCTION CORPORATION	Lorenz, PE, Kris	\$8,420,829.53	5/31/2023	4/13/2026	7/18/2023	4/13/2026	52.3	27.15
C204928		1 SECTION OF NC 62 AND 39 SECTIONS OF SECONDARY ROADS.	VECELLIO & GROGAN INC DBA SHARPE BROTHERS	Lorenz, PE, Kris	\$5,794,919.46	5/1/2024	11/1/2025	4/25/2024			

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Active Projects Under Construction - Guilford Co.

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
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	6/12/2023	6/30/2024	100	67.11
DG00558	U-6019	INTERSECTION IMPROVEMENTS AT SR 2334 (AIR HARBOR ROAD) AT SR 2347 (LAKE BRANDT ROAD)	ATLANTIC CONTRACTING COMPANY, INC.	Hayes, PE, Meredith	\$1,082,298.10	7/11/2022	11/15/2022	4/11/2023	6/30/2024	100	76.18
DG00572		REPLACE BRIDGE #25 OVER POLE CAT CREEK ON SR 1105 (EAST STEEPLE CHASE ROAD)	RE BURNS & SONS CO. INC.	Lorenz, PE, Kris	\$1,285,359.02	7/7/2022	7/1/2023	3/14/2023	4/19/2024	100	100
DG00575	R-2413C(L)	LANDSCAPE PLANTINGS ON I-785 - FROM US 70 TO US 29	MOTS LANDSCAPING & LAWNS LLC	Cvijetic, PE, Bojan	\$299,543.48	9/1/2022	4/30/2024	10/18/2022	5/31/2024	100	96.33
DG00592		RESURFACING OF US 70 FROM SR 2848 (FLEMINGFIELD ROAD) TO SR 2851 (PENRY ROAD) AND SECTIONS OF NC 61	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Hayes, PE, Meredith	\$2,215,729.61	3/15/2023	6/30/2024	5/25/2023	4/23/2024	100	100
DG00598		FIFTEEN SECONDARY ROADS	VECELLIO & GROGAN INC DBA SHARPE BROTHERS	Hayes, PE, Meredith	\$2,664,511.33	10/6/2023	4/7/2025	11/6/2023	4/7/2025	5	18.96
DG00599		REPLACE BRIDGE #584 OVER BIG ALAMANCE CREEK ON SR 3412 (TABERNACLE CHURCH ROAD)	RE BURNS & SONS CO. INC.	Hayes, PE, Meredith	\$1,166,713.00	3/27/2023	3/20/2024	3/27/2023	4/9/2024	100	100
DG00600		REPLACE BRIDGE #78 OVER WEST FORK DEEP RIVER ON SR 1523/1538 (DEEP RIVER ROAD)	EASTERN STRUCTURES LLC	Lorenz, PE, Kris	\$1,931,675.63	5/1/2023	4/24/2024	5/3/2023	6/30/2024	34.75	34.87
DG00601		REPLACE PIPE #402104 ON SR 3097 (INGOLD ROAD)	HUNTING CREEK CONSTRUCTION INC.	Cvijetic, PE, Bojan	\$1,088,888.88	6/5/2023	5/29/2024	6/5/2023	5/31/2024	100	98.78
DG00606		TWENTY TWO SECONDARY ROADS IN GUILFORD COUNTY AND ONE SECONDARY ROAD IN ROCKINGHAM COUNTY	WHITEHURST PAVING CO INC	Hayes, PE, Meredith	\$759,956.76	4/3/2024	10/3/2025	7/8/2024			
DG00610		RESURFACING OF 57 VARIOUS SECONDARY ROADS	BLYTHE CONSTRUCTION, INC.	Lorenz, PE, Kris	\$4,122,630.60	4/3/2023	6/30/2024	7/22/2023	4/19/2024	100	100

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**Active Projects Under Construction - Guilford Co.**

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
DG00611		REPLACE BRIDGE #402 OVE RIDDICKS CREEK ON SR 1376 (MECKLENBURG ROAD)	HUNTING CREEK CONSTRUCTION INC.	Lorenz, PE, Kris	\$608,888.88	8/21/2023	11/22/2023	8/21/2023	6/30/2024	100	89.68

## FHWA Updates – May 2024

### **FHWA Announces \$830 Million in Awards for PROTECT Discretionary Grant Program**

On April 11, 2024, the Federal Highway Administration (FHWA) [announced](#) approximately \$830 million in awards from the [Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation \(PROTECT\) Discretionary Grant Program](#). The PROTECT Discretionary Grant Program is funding 80 projects nationwide that will help States and local communities strengthen surface transportation systems and make them more resilient to natural hazards, including climate change, extreme weather events, flooding, sea-level rise, heat waves, and other disasters. More information is available [here](#).

### **FHWA Announces \$148 Million in Awards for Reduction of Truck Emissions at Port Facilities**

On April 24, 2024, FHWA [announced](#) \$148 million in awards from the [Reduction of Truck Emissions at Port Facilities \(RTEPF\) Grant Program](#). The RTEPF Grant Program is awarding grants to 11 States and Puerto Rico to improve air quality and reduce pollution for truck drivers, port workers, and families that live in communities surrounding ports. More information is available [here](#).

### **U.S. DOT Announces \$23.6 Million in Awards for Thriving Communities Program**

On April 15, 2024, the U.S. Department of Transportation (DOT) [announced](#) \$23.6 million in awards from the [Thriving Communities Program \(TCP\)](#). The TCP is awarding grants to three national and six regional Thriving Communities Capacity Builders to support 112 communities in accessing Federal funding and resources. More information is available [here](#).

### **FTA Announces \$17.6 Million in Awards for Transit-Oriented Development Planning**

On April 2, 2024, the Federal Transit Administration (FTA) [announced](#) \$17.6 million in awards from the [Pilot Program for Transit-Oriented Development \(TOD\) Planning](#). The Pilot Program for TOD Planning is funding 20 projects in 16 States to help plan for transportation projects that connect communities and improve access to transit and affordable housing. More information is available [here](#).

### **FTA Announces \$316 in Available Funding to Improve and Expand Ferry Services**

On April 17, 2024, FTA [announced](#) the availability of \$316 million in funding to support and modernize passenger ferry service in communities across the country. The [Passenger Ferry Grant Program](#) is providing \$51 million in funding to buy, replace, or modernize passenger ferries, terminals, and related equipment. The [Electric or Low-Emitting Ferry Pilot Program](#) is providing \$49 million in funding to buy ferry vessels that reduce emissions by using alternative fuels or on-board energy storage systems. The [Ferry Service for Rural Communities Program](#) is providing \$216 million in funding to initiate or expand ferry services in rural areas, including capital, planning, and operating costs. The application deadline for all three programs is June 17, 2024. More information is available [here](#).

### **U.S. DOE Announces \$54 Million in Available Funding for Communities Taking Charge Accelerator**

On April 16, 2024, the U.S. Department of Energy's (DOE's) Joint Office of Energy and Transportation with the U.S. DOT [announced](#) the availability of \$54 million in funding through the [Communities Taking Charge Accelerator](#). This program will make strategic investments at the local level that address key barriers to expanding access to electrified mobility options for individuals without home charging, accelerate the transition to electrified fleets, and mature the implementation of managed charging

systems to mitigate impacts and optimize usage of the electrical grid. The application deadline is July 16, 2024. More information is available [here](#).

### **FHWA Announces \$3 Million in Available Funding for Roadside Pollinator Program**

On April 8, 2024, FHWA announced the availability of \$3 million in funding through the [Pollinator-Friendly Practices on Roadsides and Highway Rights-of-Way Program \(Roadside Pollinator Program\)](#). The goals of the Roadside Pollinator Program are to fund the implementation, improvement, or further development of the applicants' Pollinator Friendly Practices Plan on routes eligible for Federal-aid. The application deadline is June 18, 2024. More information is available [here](#).

### **FHWA Accepting First Applications for Transportation Access Pilot Program**

On April 16, 2024, FHWA announced the first application period for the [Transportation Access Pilot Program](#). This first round seeks to identify transportation agencies that are currently working on, or are soon planning to start, transportation accessibility analysis studies. Letters of interest are due by June 7, 2024 to be considered for the first round of the pilot program. More information is available [here](#).

### **Application Deadlines Approaching for Other U.S. DOT Discretionary Grant Opportunities**

Please be aware of the approaching application deadlines for the following discretionary grant opportunities from the U.S. DOT:

- [May 1 – Prioritization Process Pilot Program \(PPPP\)](#),
- [May 6 – National Infrastructure Project Assistance \(Mega\) Program](#),
- [May 6 – Infrastructure for Rebuilding America \(INFRA\) Program](#),
- [May 6 – Rural Surface Transportation Grant \(Rural\) Program](#),
- [May 10 – Innovative Finance and Asset Concession Grant Program](#),
- [May 16 – Safe Streets and Roads for All \(SS4A\): Planning and Demonstration Grants](#),
- [May 16 – SS4A: Implementation Grants](#),
- [May 27 – Strategic Innovation for Revenue Collection \(SIRC\) Program](#),
- [June 10 – Low-Carbon Transportation Materials \(LCTM\) Grants Program](#),
- [June 17 – Active Transportation Infrastructure Investment Program \(ATIIP\)](#), and
- [August 29 – SS4A: Planning and Demonstration Grants](#).

### **FHWA Announces 2024 Environmental Excellence Award Winners**

On April 30, 2024, FHWA announced the 2024 Environmental Excellence Award (EEA) recipients. The biennial EEA program recognizes outstanding transportation projects, processes, and partners that used FHWA funding sources to go above and beyond compliance to achieve environmental excellence. The winning projects and programs exemplify FHWA's priorities of safety, economic strength and global competitiveness, equity, climate and sustainability, transformation, and organizational excellence. More information is available [here](#).

- North Carolina Department of Transportation Flood Inundation Mapping for Transportation Resiliency and Climate Adaptation (North Carolina)

### **FTA Announces Updates to the Final Rule and National Plan for Public Transportation Safety**

On April 9, 2024, FTA [announced](#) the availability of updates to the final rule for Public Transportation Agency Safety Plans (PTASPs) [[89 FR 25694](#)] and the National Public Transportation Safety Plan [[89 FR 25316](#)]. The final rule updates [49 CFR 673](#) to include provisions for safety committees, safety performance targets, safety risk reduction programs, training for transit workers, and a safety management system process that addresses infectious diseases. The updated National Public Transportation Safety Plan includes safety performance measures for all agencies subject to the PTASP regulations, and safety risk reduction performance measures for Section 5307 recipients that serve an

urbanized area with a population of 200,000 or more. Additional information is available [here](#) and [here](#).

## Comment Deadlines Approaching for U.S. DOT Federal Register Notices

Please be aware of the approaching comments deadlines for the following Federal Register notices from the U.S. DOT:

- [May 13 – Buy America Requirements for Manufactured Products](#),
- [May 13 – Request for Information on the Use of Manufactured Products in Highway Projects](#),
- [May 20 – PROTECT Discretionary Program Metrics](#), and
- [June 11 – Request for Information on Goals, Criteria, Thresholds, and Measurable Data Sources for Designating the National Multimodal Freight Network \(NMFN\)](#).

## U.S. DOT Resources on Asset Management, GHG Emissions, EV Charging, and Carbon Reduction

The U.S. DOT recently published the following resources:

- [Asset Management Integration Case Studies](#):
  - [Atlanta Region](#),
  - [Southeast Michigan Council of Governments](#),
  - [Washington State DOT](#),
  - [Washoe County Regional Transportation Commission](#),
  - [West Virginia DOT](#),
- [Asset Management Peer Exchange Summaries](#):
  - [Integrating Highway Asset Management into Planning and Programming](#),
  - [Integrating Transit Asset Management into Planning and Programming](#),
- [How Are Greenhouse Gas \(GHG\) Emissions Different From Criteria Pollutant Emissions?](#),
- [Public Electric Vehicle \(EV\) Charging Infrastructure Playbook](#), and
- [State Carbon Reduction Strategies](#).

## NCHRP Research on Coordination, Mobility Inclusion, and Cooperative Automation Data

The National Cooperative Highway Research Program (NCHRP) recently published the following research:

- [Practices for Statewide and Metropolitan Planning Organization \(MPO\) Coordination](#),
- [Transformational Technologies and Mobility Inclusion Playbook](#), and
- [Using Cooperative Automated Transportation Data for Freeway Operational Strategies](#).

## Webinars on Equity, EVs, Safety, Asset Management, Climate Change, and Bicycle/Pedestrian Data

Here is the registration information for some upcoming webinars and virtual meetings:

- [May 3 – U.S. DOT Advisory Committee on Transportation Equity](#),
- [May 10 – Rural EV Infrastructure Virtual Peer Exchange](#),
- [May 15 – Operating Intersections for Pedestrian Safety](#),
- [May 22 – Equitable Data Analysis](#),
- [May 29 – Don't Let Financial Uncertainty Derail Your Transportation Asset Management Plan](#),
- [May 30 – Climate Adaptation and Resilience in Transportation](#),
- [June 11 – Bicycle and Pedestrian Count Data Gathering and Reporting](#),
- [June 18 – Climate Change Research and Technology](#), and
- [September 4 – Roadway Safety for People Experiencing Homelessness](#).



## Transportation Models That Work For Communities

Investment decisions related to transportation infrastructure are made through a complex series of steps involving leaders and transportation planners at federal, state, and local levels, with participation from civic involvement. Each year, Congress appropriates funding, establishes funding programs, and provides procedural guidance. The budget is passed down to each state's Transportation Department, which distributes the funds to MPOs. Reaching the regional MPOs allows each community to use this funding to address their community's unique needs.

One tool used to evaluate the need for future investments in roads, highways, rail, aviation, and public transportation is a travel demand model. PART is responsible for leading the development and maintenance of our region's travel demand model. The Piedmont Triad Regional Modeling Program (PTRM) has been in place since February 2003 and began with the development of a regional travel demand model. Today it includes a four-step travel demand model, a tour-based freight model, a growth allocation model, and a transit ridership projection model.

PART's team is updating the model in preparation for the 2025 Metropolitan Transportation Plans by the region's four MPOs. This revision of the travel demand model will include several first:

- A more detailed freight movement analysis using the tour-based freight model;
- Scenario planning and the allocation of future population and employment growth across each MPO using CommunityViz, a powerful analysis tool used for urban planning, land use planning, geodesign, transportation planning, and resource management applications;
- Household travel data from the *Triad Travel Counts'* state-wide survey and;
- The inclusion of future public transportation projects, along with the projected growth of transit ridership

These enhancements to the PTRM represent PART's continued commitment to ensuring that our transportation infrastructure meets the community's future needs and provides the highest level of transportation planning for the benefit of our MPOs and the NCDOT.

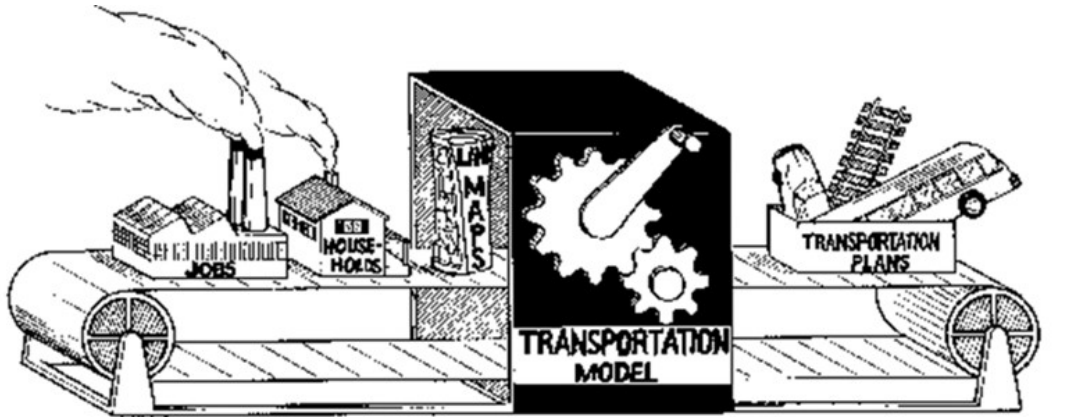


Image Source: From "Inside the black box: Making transportation models work for livable communities," 1996. In the public domain.

## Earth Day 2024

PART was proud to sponsor the Piedmont Environmental Alliance's Earth Day Celebration for another year. Once again, we partnered with our friends at Winston-Salem Transit Authority and tabled with Forsyth County Office of Environmental Assistance and Protection. Over 8,500 people attended this year's event. We understand the significance of this global event and are committed to supporting initiatives that promote environmental awareness and sustainability.



## Bringing Back the Buddy Ride!

As part of a regional initiative with universities and colleges, lead my PART's Transportation Demand Management and Marketing Departments, PART is offering a ride incentive for students—a revamped PART program originally dubbed “Buddy Rides.” Our goal is to encourage and promote the use of public transportation among college students.

Buddy Rides will offer a unique opportunity for participating students to experience the convenience, affordability, and environmental benefits of public transportation. By riding with PART representatives, students will gain valuable insights into navigating the bus system, discovering the best routes, and optimizing travel time. We kick off our first Buddy Ride in August 2024 with three participating colleges. We will take advantage of our new *Transit To Trails* initiative and visit Purgatory Trail directly outside of the North Carolina Zoo. Students and our PART representatives will take Greensboro Transit Authority into the Galyon Depot and ride PART's Route 10 Randolph County Express directly into the North Carolina Zoo. From there, we will hike Purgatory Trail, a public trail that is part of the Uwharrie Mountain Range and is accessed without paid entrance into the Zoo. Students will be given the opportunity to stay after the hike and visit the Zoo, a true community treasure.

As an added bonus, Buddy Rides will also cater to the educational needs of college students. Our University & College Work Groups have been instrumental in guiding PART to plan student-centric messages and offerings. Our program will be crafted to teach students how to plan their trips, pay for their rides, and utilize multiple transportation systems to get around our region. Our goal is to create a more sustainable future while fostering a sense of community among students ... one Buddy Ride at a time.

# Join us for a BUDDY RIDE!



We want to take you for a FREE ride! We are planning local 'field trips' to areas of interest and giving away SWAG! Scan the QR code to get your college or university's schedule ... and sign up!



### A Regional University & College Transportation Initiative



## Adding Voices To The Conversation

The City of Greensboro is asking residents' opinions about a proposed expansion of its Public Transportation Service, Greensboro Transit Agency (GTA). As part of GoBORO, the City's long-range transit planning process, planners are asking residents to review a Draft Bus Network and take an on-line survey. The deadline to participate is June 30. Take the on-line survey at: [www.surveymonkey.com/r/CHBRWM](http://www.surveymonkey.com/r/CHBRWM)

Learn more about the GoBORO planning process and view the Draft Plan at: [www.greensboro-nc.gov/GoBORO](http://www.greensboro-nc.gov/GoBORO).

### Explore the Draft Plan



The Draft Plan focuses most of its resources on high-ridership services and provides more coverage than the Ridership Concept.

This network assumes that more long-term funding would be available to support the increase in service.

This network also introduces demand-response zones. These zones are marked in tan. In this type of service, passengers will have to request a pickup with an average wait time of about 30 minutes.

#### Key Stats

- 6,500 more jobs would be accessible in 45 minutes for the average person, compared to the Existing Network. That's a 100% increase.
- 30 percent of residents will be close to frequent service (service coming every 15 minutes or better).
- 43 percent of jobs will be close to frequent service (service coming every 15 minutes or better).
- 59 percent of residents and 61 percent of jobs will be close to any transit service, compared to 52 percent of residents and 64 percent of jobs in the Existing Network.

