

Greensboro Urban Area MPO



Technical Coordinating Committee
November 8, 2021



Change your **video layout** to control how you view video participants and panels on your screen.

Feature Planning Meeting

Host: Catherine Siru

Copy meeting link

Invite and remind

General

Security

Meeting link

<https://example.webex.com/go/?php?MTID=md2baae7e4b0f5be8496394427fae7cae>

Meeting number

555 035 0635

Video address

5550350635@webex.com

Audio connection

US Toll +1-555-655-0000

US Toll Free +1-555-668-4488

Show all global call-in numbers

Access code

555 035 0635

Attendee ID

-**-*

Access the **meeting info** to get details about the meeting.

Meeting controls are easy to find at a glance.

Attendee Verification

Action Items

November 8, 2021

Technical Coordinating Committee

Meeting Minutes of September 20, 2021

2:00 PM, Greensboro, NC

WebEx Online Virtual Meeting

Attendance

Tyler Meyer	<i>TCC Chair</i>	Oliver Bass	<i>Guilford County</i>
Craig McKinney	<i>MPO Staff</i>	Mark Kirstner	<i>PART</i>
Lydia McIntyre	<i>MPO Staff</i>	Andy Bailey	<i>NCDOT TPB</i>
Tram Truong	<i>MPO Staff</i>	Scott Whitaker	<i>Town of Summerfield</i>
Yuan Zhou	<i>MPO Staff</i>	Stephen Robinson	<i>NCDOT Div 7</i>
Gray Johnston	<i>MPO Staff</i>	Tamara Njedovan	<i>NCDOT Div 7</i>
Hanna Cockburn	<i>GDOT Director</i>	Susette Morales	<i>FHWA</i>
Chris Spencer	<i>GDOT/Engineering</i>	Shawna Tillery	<i>GSO Parks & Rec</i>
Deniece Conway	<i>GDOT/Engineering</i>		

MTIP Modification: MPO Rail Project

P-5709 Franklin Boulevard Grade Separation



Shifts construction from FY 23 to FY 24

Action Business Other

Recommendation: Modify MTIP

MTIP Modification: MPO Roadway Projects



MTIP Modification: MPO Roadway Projects

Project	Description	Phase	Change
R-5823	Widen NC 68 / NC 65	R/W	Add \$5.1M
		Construction	Add \$11.2M
U-4015A	Widen Gallimore Dairy, NC 68 - I-40	R/W	Decrease \$30K
		Construction	Add \$2.5M
U-6008	Bryan Blvd interchange improvements at New Garden Rd	R/W & Utilities	FY 2022 --> FY 2027
		Construction	FY 2023 --> FY 2029

Action Business Other

Recommendation: Modify MTIP

MTIP Modification: MPO Greenway Project



EB-6037C Downtown Greenway Ph. 4 / A&Y Ph. I
Shifts construction FY 2021 -> FY 2022

Action Business Other

Recommendation: Modify MTIP

Business Items

November 8, 2021

Action Business Other

Proposed 2022 Meeting Calendar

Tuesday, January 25, TCC	Tuesday, August 9, TCC
Tuesday, March 15, TCC	Tuesday, September 20, TCC
Tuesday, May 10, TCC	Tuesday, November 8, TCC
Tuesday, June 21, TCC	Tuesday, December 13, TCC

Greensboro Urban Area MPO
November 8, 2021



Strengthening Mobility in Our Communities
Transportation Demand Management Initiative for the Piedmont Triad



What is TDM?

WHY?

A transportation network where 83% of commuters use on one mode, the automobile, due to a lack of options or an awareness of the options. This is neither sustainable nor desirable for a growing Piedmont Triad.

WHAT IS TDM?

Transportation Demand Management (TDM) encourages people to use sustainable modes of transportation through education and incentives, thereby reducing the demand of so many vehicles on the roadway.

WHY IMPLEMENT TDM?

- Reduced roadway congestion
- Reduced travel costs
- Enhanced mobility
- Enhanced economic development
- Increased collaboration/coordination
- Increased regional representation
- Improved air quality
- Improved public health

CORE VALUES OF THIS INITIATIVE

People

TDM strategies can only be successful if needs and preferences of commuters are considered in program design.

Equity

TDM program implementers seek to design programs that enhance equitable access to convenient and affordable travel options or tools to utilize those options.

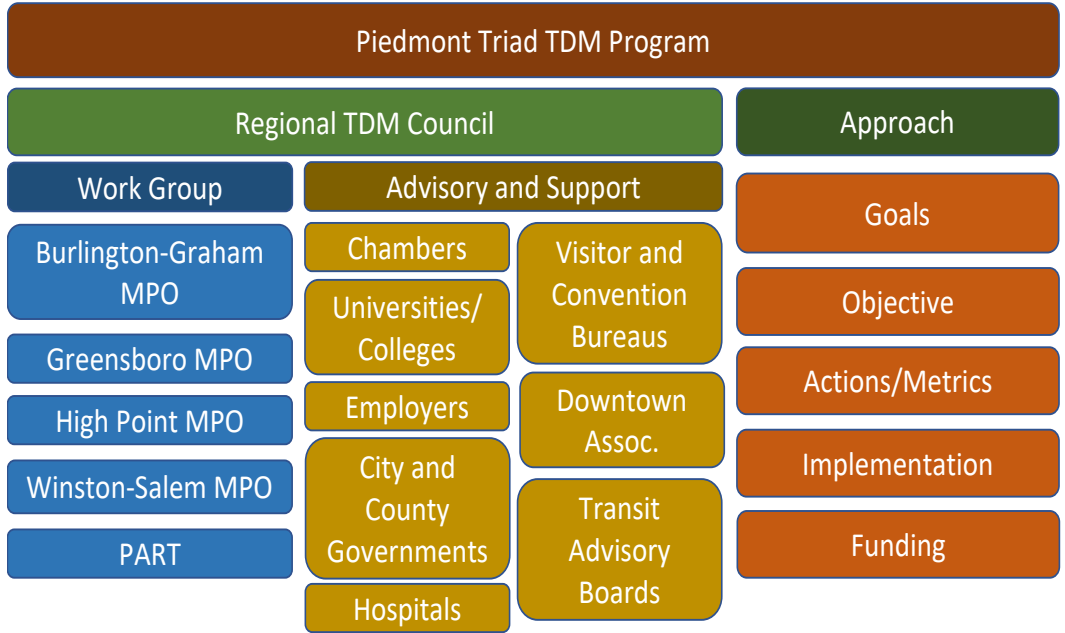
Innovation

TDM implementers embrace new and creative approaches for connecting people with transportation options and maximizing the transportation system's capacity.



WHAT CAN BE ACHIEVED

- 1 **SHARE INFORMATION** (collect, develop, maintain, and disseminate data on roadway, transit, bike, pedestrian and other modes)
- 2 **IDENTIFY OPPORTUNITIES** (through data analysis to provide appropriate mobility options)
- 3 **REDUCE THE NEED** (for single-occupancy vehicle travel through land-use development regulations and transportation planning)
- 4 **EDUCATE AND MARKET** (to increase the use of transit, rideshare, bicycling and walking)
- 5 **CREATE PARTNERSHIPS** (among the facilitators and providers of all modes of transportation, community leaders and institutions)
- 6 **MAKE NEIGHBORHOODS SAFE** (for walking, bicycling and taking transit through non-infrastructure projects and programs)
- 7 **MULTI-JURISDICTIONAL DIALOGUE** (to facilitate and improve collaboration)



Regional Projects

Develop Regional TDM Plan

- ✓ Meetings have been held with City DOT Directors
- ✓ Held meeting in September. Did not meet in July and August due to scheduling conflicts.
- ✓ Developed 1st and 2nd Q tasks and activities including staff assignments.

Regional Presentations Campaign

- Endorsement by current stakeholders (MPO, City, etc.)
- ✓ Preparing presentation and resolution of endorsement.
- ✓ Will schedule presentations for October, November, and December.

Update TDM Website Content for Regional Partners

- ✓ PART Board passed resolution supporting website updates and transit pass
- ✓ Individual sites updated first then regional page developed
- ✓ City of Burlington has updated web stie to include TDM activities

Expand Regional Call Center Umo Ticketing System Management

- High Point Transit Implementation
- ✓ Regional call center has access to HPT UMO administrative functions to support customers inquiries

Umo Regional Employee Transit Pass Program

- White paper being drafted
- ✓ Partners have agreed to all Transit employees
- ✓ Administrative details and implementation plan are underdevelopment

PARTnership Employer Outreach

- ✓ Exploring various market and communication activities

Support and Promote National TDM Campaigns with Regional Partners

- ✓ Connecting with regional partners to launch a social media campaign promoting bicycling in the Triad. The campaign will run in October.

Vanpool Campaign

- Developed a vanpool subsidy that provides a tiered discount over the first three months of the vanpool's operation
- Updated the fare structure to address decreases in fuel cost, to be implemented in Q2
- Connecting with industry experts through ACT to identify funding opportunities

Local Projects

From the Burlington-Graham MPO...

Developed a **local TDM program** that is designed to support the regional initiative. The program is scheduled to be endorsed by the TCC and adopted by the TAC in October.

From the Greensboro MPO...

Through a **Safe Routes to School** Grant, partnered with four schools to host a walk to school events in October.

Drafted a **Bike Parking Ordinance** expanding requirements for providing parking for bicycles. It was a joint effort between the Planning Department, Transportation Department, and Bicycling in Greensboro, a local bicycle advocacy group.

From the High Point MPO...

High Point Transit had the soft launch of **UMO**, a digital fare payment system, allowing for expanded fare payments options and integrating fare collection to a regional fare system.

Adopted a **Greenway Master Plan** – an equitable and community-supported plan that provides a framework to preserve and expand High Point’s greenway network.

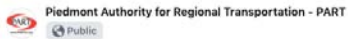
From the Winston-Salem MPO...

Through a **Safe Routes to School** grant, a tailored program will be developed to support the individual needs and abilities of each school focused on their biking and walking goals.

Bike share program relaunched with 100 bikes and 22 stations spread throughout the community. For \$20 per year, members have access to unlimited rides throughout downtown and along key trails and bike routes.

Evaluating **electric scooter** permit applications and anticipates program improvements. This year over 38,000 electric scooter trips were taken through the downtown area, reducing the share of automobile trips where scooter, transit, biking, and walking trips are convenient options.

Current Activities



The Triad is full of bike lanes, sidewalks, mixed-use paths, and trails designed for seasoned cyclists and the more relaxed riders. We are interested in how you bike the Triad! Share photos of yourself on your favorite biking trails, using the hashtag #BikeTheTriad www.partnc.org/bikewalk

- Transit Alliance of the Piedmont
- Greensboro MPO
- High Point Metropolitan Planning Organization
- City of Burlington, NC - Government
- City of Greensboro
- City of Winston-Salem, NC - Government
- City of High Point Government
- Winston-Salem Transit Authority
- High Point Transit System
- Davidson County Transportation
- Link Transit

City of Winston Salem

RESIDENTS QUICK LINKS->Under Transportation

- Add a link for Rideshare and redirect link to <https://www.partnc.org/206/Rideshare>
- Add a link for Regional Vanpool and redirect to <https://www.partnc.org/157/Vanpool>



Burlington - Graham Metropolitan Planning Organization Transportation Demand Management (TDM) Program

October 2021

Preparing for FY 22 Rideshare Grant



Regional Real-time Passenger Information System

Mobility as a Service (MaaS) Technical Assistance



The National Center for Mobility Management (NCMM) is a technical assistance center funded by the Federal Transit Administration.

MaaS is defined as “an integrated mobility concept in which travelers can access their transportation modes over a single digital interface. MaaS primarily focuses on passenger mobility allowing travelers to seamlessly plan, book, and pay for travel on a pay-as-you-go and/or subscription basis.”

NCDOT-IMD asked PART to jointly apply with them to receive training and participate in a pilot project.

NCMM will provide:

- Three to five virtual training sessions, each one lasting around 1.5 hours and including the following aspects:
 - Strategic planning and setting the project vision (the “why” and “what” for Level 1 MaaS)
 - Establishing clear action steps for the project (the “how” for Level 1 MaaS)
 - Examples of peer projects of interest (applying lessons from other Level 1 MaaS efforts)
 - Worksheet assignments between sessions for teams to process information
 - Group discussions
- A small level of funding for one or more pilot projects, with a preference for this to be a cost-sharing arrangement involving local or state/region/tribal nation-level funding.
- Ongoing technical assistance for the communities that take part in the training opportunity.

- Initiated by NCDOT and administered by the Triangle J Council of Governments (TJCOG).
- Objective was to develop a program that would encourage participation by employers in North Carolina.
- Convened a committee with representatives from TDM programs across the state.
 - Land of Sky Regional Council (LOSRC), Charlotte Area Transit System (CATS), GoCoast (Wilmington), Piedmont Authority for Regional Transit (PART), GoTriangle (Regional Transit Agency), Sustain Charlotte (Non-profit, Charlotte) and Triangle Transportation Choices (TJCOG).
- Program recognizes and celebrates the leadership of NC businesses and organizations taking valuable steps to shift single occupancy transportation trips to alternative healthier, greener, zero to low-cost, and sustainable commute options.
- Requires employers to submit an application outlining their TDM activities which is reviewed/approved by their Regional Program Coordinator.



BRONZE

- ✓ Provide any one transportation benefit from the list
- ✓ Meet with the Commute Friendly NC Program Coordinator for your region (look at our resources page to find yours)
- ✓ Fill out Biennial Commute Survey provided by the program

SILVER

- ✓ Provide any three transportation benefits from the list (if you have fewer than 25 employees, you need to provide only two benefits)
- ✓ Organize one Outreach Event annually (staff support resources available)
- ✓ Ensure easy employee access (online and/or in person) to available transportation benefits
- ✓ Meet with the Commute Friendly NC Program Coordinator for your region (look at our resources page to find yours)
- ✓ Fill out Biennial Commute Survey provided by the program

GOLD

- ✓ Provide any five transportation benefits from the list (if you have fewer than 25 employees, you need to provide only two benefits)
- ✓ Have a minimum of 10% (working towards 14%) non-drive alone commute trips
- ✓ Organize one Outreach Event annually (staff support resources available)
- ✓ Ensure easy employee access (online and/or in person) to available transportation benefits
- ✓ Meet with the Commute Friendly NC Program Coordinator for your region (look at our resources page to find yours)
- ✓ Fill out Biennial Commute Survey provided by the program



A long-exposure photograph of a city street at night. The image is filled with vibrant, multi-colored light trails from cars and buildings, creating a sense of motion and energy. The trails are primarily yellow, blue, and red, with some green and purple accents. The background shows tall buildings with lit windows and signs, though they are blurred due to the long exposure. The overall scene is dark, with the light trails providing the main source of illumination. The text "Until next time..." is overlaid in the center of the image in a white, sans-serif font.

Until next time...

RESOLUTION SUPPORTING THE PROPOSED REGIONAL TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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, Transportation Demand Management is a set of tools and the methods of using these tools to encourage the provision and use of alternative transportation (biking, walking, public transit or telework) in order to manage impacts on the transportation network, reduce environmental impacts of driving and limit stress associated with daily travel; and

WHEREAS, the City of Greensboro has implemented a number of plans, policies and initiatives including the GSO2040 Plan, 2015 Bicycle, Pedestrian, Trails and Greenways Plan, 2045 Metropolitan Transportation Plan, Greensboro Micromobility, Mobility Greensboro 2040, and Vision Zero Greensboro, among others which seek to encourage safe travel by active modes of transportation; and

WHEREAS, providing mobility through alternative transportation are considered to be sustainable modes of travel; and

WHEREAS, households within the Greensboro Urban Area MPO area spend roughly the same share of income on transportation costs as they do on housing costs, increasing the call for Transportation Demand Management solutions; and

WHEREAS, the North Carolina Department of Transportation supports Transportation Demand Management activities in the Piedmont Triad Travel Demand Model region (which includes the Greensboro Urban Area MPO and three other MPOs); and

WHEREAS, the North Carolina Department of Transportation supports Transportation Demand Management activities and completed a Vehicles Miles Traveled Reduction Study in April 2021; and

WHEREAS, the Greensboro Urban Area MPO has partnered with the Piedmont Authority for Regional Transportation (PART) since July 2000 on ridesharing and vanpool programs and further supported the development of a Regional Transportation Demand Management program with PART member agencies; and

WHEREAS, in order to reduce the onset of traffic congestion in the region during peak travel periods and reduce the need for costly new or expansion roadway projects, the Greensboro Urban Area MPO in partnership with the Winston-Salem, High Point, and Burlington-Graham MPOs and PART support continued Transportation Demand Management Planning; and

WHEREAS, the PART agency is seeking participation from the Greensboro Urban Area MPO to work with PART to increase mobility and access for area residents through expanding TDM programs.

NOW THEREFORE be it resolved that the Greensboro Urban Area Transportation Advisory Committee supports the Greensboro Urban Area MPO's participation in planning and implementing a coordinated Regional Transportation Demand Management Program on this day November 10, 2021.

Recommendation:
Approve Resolution

Division Engineer Updates

Action Business Other

Project Updates

Action Business Other



U-5532 A

- Paving complete
- All Signals installed
- Final markings pending



Action Business Other



U-5306 B

- Paving complete
- Final markings pending

U-5326

- Paving complete
- Opening of Dual Turn Lanes pending
- Final markings pending



Current Bid Openings

- Oct 28: C-5555E Armen Construction \$858,982
- Nov 10: U-5532 K

Bid Openings Expected by February

- U-5532 E
- EL-5101 DJ
- EB-6037 C

Request for Letters for Interest (RFLOI)

TITLE: Household Travel Survey (HTS) for the Piedmont Triad Regional Travel Demand Model

ISSUE DATE: October 8, 2021

SUBMITTAL DEADLINE: November 3, 2021 4:00PM

EVENT #: _____

ISSUING AGENCY: City of Greensboro – Department of Transportation

Section I. SYNOPSIS

This contract shall be partially reimbursed with Federal-aid funding through the North Carolina Department of Transportation (hereinafter referred to as the Department). The solicitation, selection, and negotiation of a contract shall be conducted in accordance with all Department requirements and guidelines.

The primary and/or subconsultant firm(s) shall be pre-qualified by the Department to perform any combination of the Discipline Codes listed below for the City of Greensboro. Subconsultants are permitted under this contract. Discipline Codes required are:

- 140 Travel Demand Model Development
- 262 Travel Survey
- 363 Travel Demand Model Application

WORK CODES for each primary and/or subconsultant firm(s) SHALL be listed on the respective RS-2 FORMS (see section 'SUBMISSION ORGANIZATION AND INFORMATION REQUIREMENTS').

PROPOSED CONTRACT TIME: January 3, 2022 through June 30, 2023

PROPOSED CONTRACT PAYMENT TYPE: Lump Sum

Strategic Reports

Action Business Other

2022 N.C. TRANSPORTATION SUMMIT

JANUARY 19-20, 2022

THE COUNTDOWN IS ON!



74

DAYS



16

HOURS



19

MINUTES

POLITICS

House passes \$1 trillion bipartisan infrastructure bill that includes transport, broadband and utility funding, sends it to Biden

PUBLISHED FRI, NOV 5 2021-11:26 PM EDT | UPDATED SAT, NOV 6 2021-12:44 AM EDT



Deal doesn't appear close for state budget that's already 4 months late

Tags: [state budget](#)

Posted November 5, 2021 5:32 p.m. EDT

LUV Trails

- App that allows users to donate
- App user may donate on per mile usage
- App provides real-time trail usage
- Signs posted along area trails to install app
- Demonstration Nov 12, 10am at Triad Park, Shelter 1 or Park Office Conference Room and available online by Zoom

<https://us06web.zoom.us/j/84259375298?pwd=MmdXRGZrOHdURkNteWw2ZGl6ai9XQT09>



Other Items

1. Member Updates
2. Wrap up

Next TCC meeting December 14, 2021 at 2:00 PM

Greensboro Urban Area MPO



**Technical Coordinating Committee
November 8, 2021**