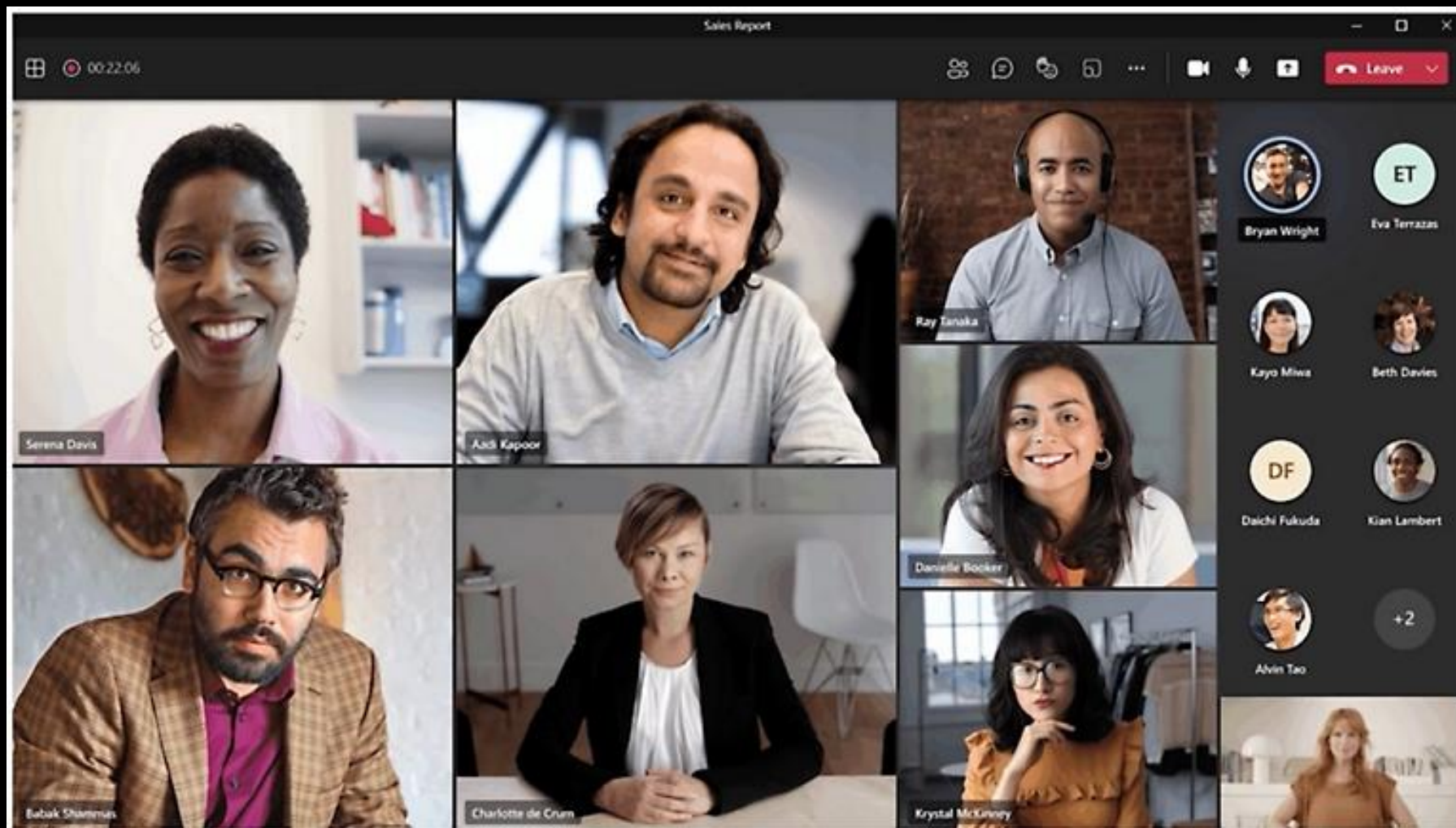


Greensboro Urban Area MPO



Technical Coordinating Committee
January 29, 2024

Teams Platform Basics



TCC Roll Call

Attendee Verification

Introductions

Action Items

January 29, 2024

Action Business Other

Technical Coordinating Committee

Meeting Minutes of December 11, 2023

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

Attendance

Tyler Meyer	<i>TCC Chair</i>	Alex Rotenberry	<i>NCDOT IMD</i>
Lydia McIntyre	<i>MPO Staff</i>	Elizabeth Jernigan	<i>GSO Parks & Rec</i>
Raunak Mishra	<i>MPO Staff</i>	Jason Geary	<i>GSO E&I</i>
Craig McKinney	<i>MPO Staff</i>	Suzette Morales	<i>FHWA</i>
Yuan Zhou	<i>MPO Staff</i>	Frances Kallam	<i>GSO E&I</i>
Joseph Castelda	<i>MPO Staff</i>	Kelly Larkins	<i>GSO Planning</i>
Gregory Carlton	<i>MPO Staff</i>	Alex Rosser	<i>PTLA</i>
Mary Harward	<i>MPO Staff</i>	Bruce Adams	<i>GTA</i>
Gray Johnston	<i>MPO Staff</i>	David Pegg	<i>GTA</i>
Tram Truong	<i>MPO Staff</i>	Hanna Cockburn	<i>GDOT Dir.</i>
Mark Kirstner	<i>PART</i>	Michael Abuya	<i>NCDOT TPB</i>
Chris Spencer	<i>GDOT Eng.</i>	Scott Whitaker	<i>Summerfield</i>
Stephen Robinson	<i>NCDOT Div. 7</i>	Joel Strickland	<i>McAdams</i>
Nishant Shah	<i>NCDOT Div. 7</i>		

2024 Safety Performance Measure Targets

ENDORSEMENT OF TARGETS FOR SAFETY PERFORMANCE MEASURES ESTABLISHED BY NCDOT

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

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

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

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

2024 Safety Performance Measure Targets

NCDOT Safety Performance Measure Data and Targets					
Performance Measures	5-year Rolling Averages				
	Baseline (Actual)			Targets	
	2016-2020	2017-2021	2018-2022	CY 2023	CY 2024
Number of Fatalities	1,428.8	1,494.8	1,550.6	1,202.2	1,151.7
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.226	1.279	1.327	1.011	0.967
Number of Serious Injuries	4,410.2	4,903.4	5,038.6	3,423.0	3,312.1
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	3.782	4.195	4.311	2.863	2.767
Number of Combined Non- Motorized Fatalities and Non- Motorized Serious	592.2	637.2	676	468.2	451.1

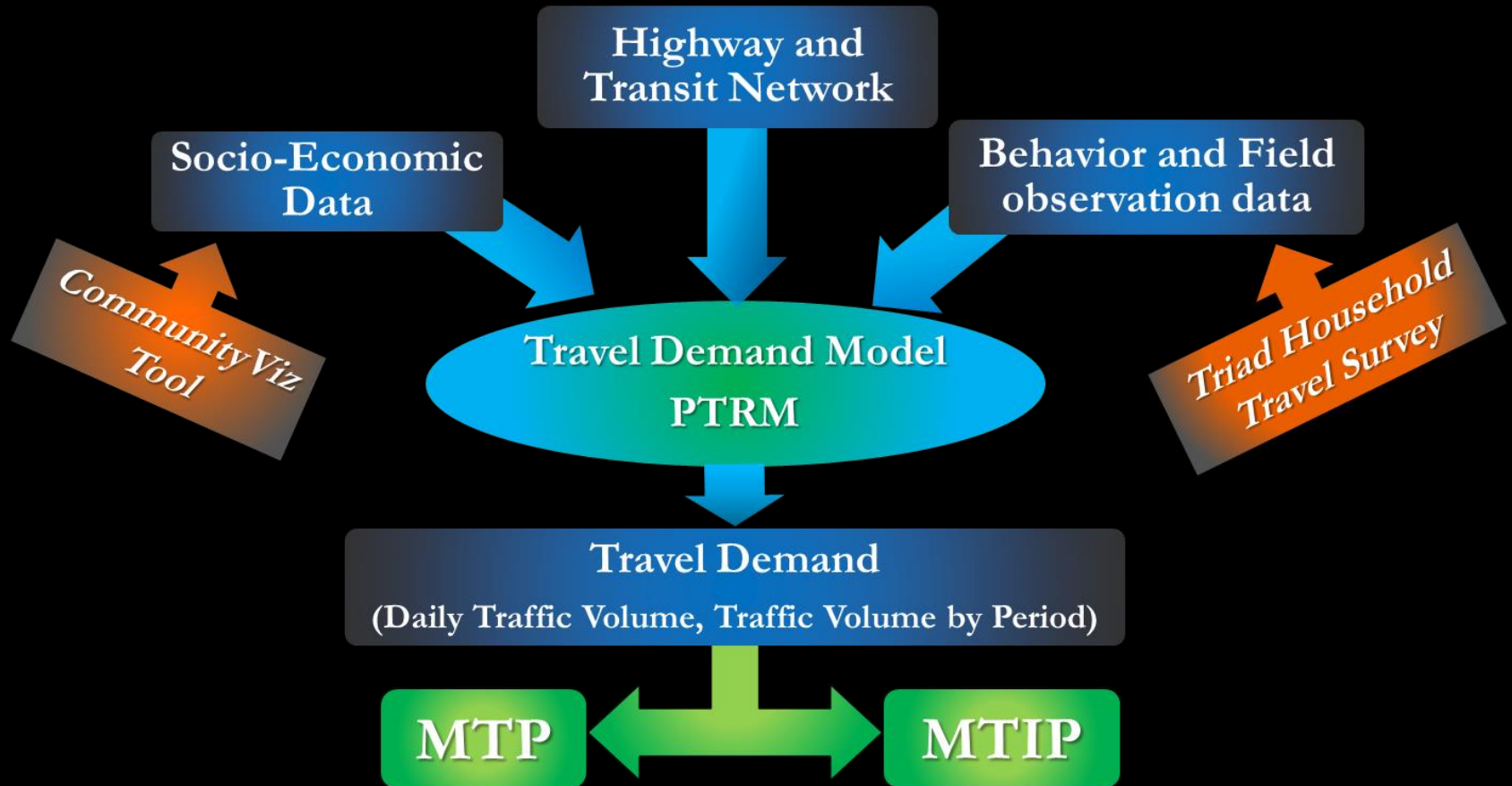
Greensboro MPO Safety Performance Measure Data and Targets					
Performance Measures	5-year Rolling Averages				
	Baseline (Actual)			Targets	
	2016-2020	2017-2021	2018-2022	CY 2023	CY 2024
Number of Fatalities	50.4	58.4	58.6	40.6	38.9
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.019	1.185	1.199	0.798	0.761
Number of Serious Injuries	80.2	87.2	86.6	65.9	63.3
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	1.617	1.762	1.769	1.292	1.238
Number of Combined Non- Motorized Fatalities and Non- Motorized Serious Injuries	21.2	25.2	23	19	18.1

Action Business Other

Recommendation: Approval

Socioeconomic Data Update for Piedmont Triad Regional Travel Demand Model

PTRM Overview



Socioeconomic Data Update for Piedmont Triad Regional Travel Demand Model

PTRM Overview

- ✓ A multi-modal four-step **model**, designed to support long range transportation planning and programming decisions.
- ✓ Update every 4~5 years.
- ✓ Analyze **socio-economic(SE)** and **travel characteristics data** with the **highway and transit network**.
- ✓ Make predictions about **multi-modal travel demand** (daily traffic volume, traffic volume by period).
- ✓ Generate the report consisting of summarized performance measures - speed, VMT and functional class of roadways.

Socioeconomic Data Update for Piedmont Triad Regional Travel Demand Model

Socioeconomic Data

- **Purpose:** The PART has prepared updated SE data inputs for the PTRM, as part of the preparation for the model update for MTP 2050 ;
- **SE Data Components:** household population, employment and school enrollment;
- **Timeframe:** Estimations and projections for 2022 (base year) and future horizon years (2030, 2040, and 2050).
- The effort has been a collaboration between PART and the triad area MPOs;

TCC Bylaws Update

Article III, Section 1, Paragraph 2 addition:

- New members shall be initially appointed as special voting members. Upon the completion of a period of regular attendance following initial appointment, special members can become regular voting members upon written request to the TCC Chair

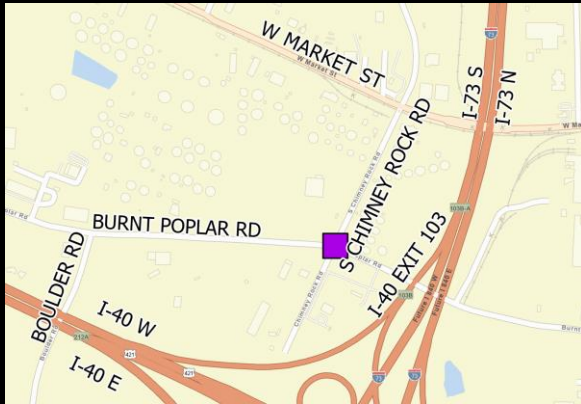
Update includes new special voting members:

- Deputy Town Clerk, Town of Pleasant Garden
- Town Administrator, Town of Sedalia
- Town Clerk, Town of Stokesdale
- Director, Guilford County Transportation and Mobility Services

MTIP Amendments & Modifications: Statewide Projects

ID#	Description	Change
HS-2015* DIV/REG/SW	Statewide, Various Vulnerable Road User Pedestrian/ Bicycle Improvement Programs	Add \$2.1M annually for division and regional tiers & add \$2.8M annually for statewide tier from FY 25 to FY 29
M-0552A DIV/REG/SW	Statewide, Training and Development for OpenRoads Designer	Add \$300k annually for division and regional tiers & add \$400k annually for statewide tier in FY 24 & FY 25
M-0552B DIV/REG/SW	Statewide, Training and Development for Miscellaneous Projects	Add \$300k annually for division and regional tiers & add \$400k annually for statewide tier in FY 24 & FY 25
M-0553A DIV/REG/SW	Statewide, Integrated Project Delivery	Add \$600k annually for division and regional tiers & add \$800k annually for statewide tier in FY 24 & FY 25
M-0553B DIV/REG/SW	Statewide, Training and Special Projects	Add \$1.2M annually for division and regional tiers & add \$1.6M annually for statewide tier in FY 24 & FY 25
M-0563D*	Statewide, Lidar Data Collection	Add \$1.285M in FY 24
M-0563E*	Statewide, Manage and Support Resilience Program Reporting	Add \$850k in FY 24
TC-0031	Statewide, Expand On-Demand Transit Services for up to 11 Rural Communities Across NC. Employ 2 Primary On-Demand Services Models: SAS & TAAS	Add \$25,000 in FY 24

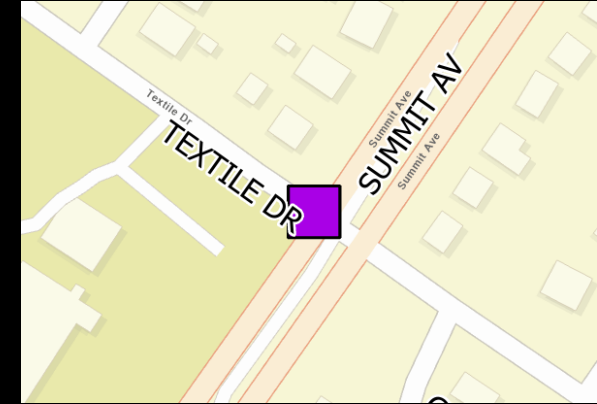
MTIP Amendments & Modifications: MPO Area Roadway Projects



C-5600U



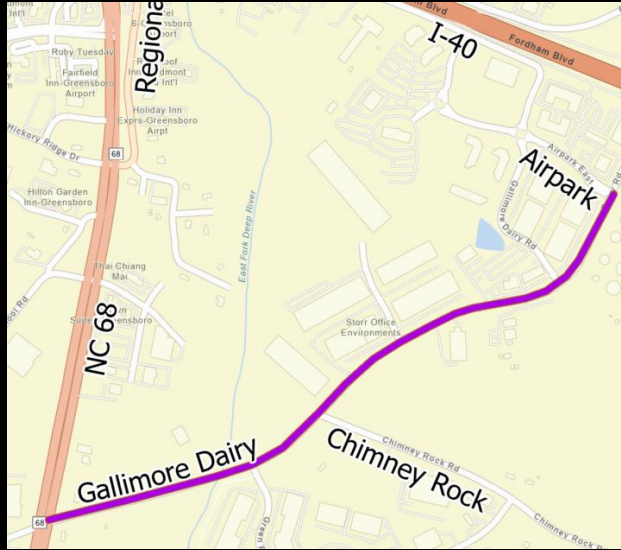
HL-0046



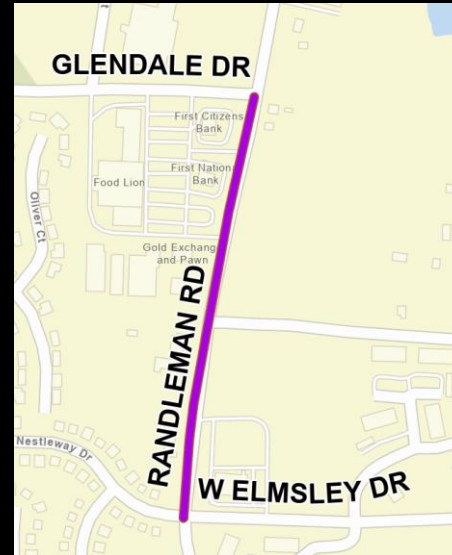
HS-2407A

ID#	Description	Change
C-5600U*	Upgrade Triad Traffic Management Center	Add \$1.6 million in CMAQ funding in FY 24
HL-0046*	Modernize roadway, add curb & gutter, and construct sidewalk on E. Gate City Blvd from Willow to Florida St	Shift CST funding from BGDA to T(DA) in FY 24
HS-2407A*	Install Pedestrian Signal Heads, Crosswalk, and Other Intersection Improvements on Summit Ave	Create a new subproject "A" with \$75,000 in Federal HSIP funds for UTL and CST phases in FY 24

MTIP Amendments & Modifications: MPO Area Roadway Projects



U-4015A



U-5850

ID#	Description	Change
U-4015A	Widen to Multilanes on Gallimore Dairy Rd from NC 68 to Airpark Rd	Shift CST from FY 24 to FY 25. Funding amounts unchanged at \$11.5 million.
U-5850	Widen to Multilanes on Randleman Rd from Elmsey Dr to Glendale Dr	Shift CST from FY 25 to FY 26 and increase CST cost from \$3M to \$3.7M

Action Business Other

Recommendation: Approval

MTIP Amendments & Modifications: Non-Highway Projects



ID#	Description	Change
BO-2407*	Upgrade Intersections to Comply With the ADA Using TA Funds in Division 7	Add \$80,000 (TA) and corresponding \$20,000 in state matching funds (HF(M)) annually from FY 24 to FY 28
P-5709	Construct grade separation at Franklin Blvd crossing and close O'Ferrell St crossing for Norfolk Southern H Line	Delay CST from FY 25 to FY 26. Funding amount unchanged at \$26.605M but the distribution across each year is modified.
BL-0117*	A&Y Greenway Bridge Replacement at Lake Brandt and includes greenway repair and crossing improvements from Strawberry Road to Bur-Mill Park	Adjust project scope to include greenway replacement between Bur-Mill Park and Strawberry Rd and to include a crossing improvement at Strawberry Rd

Action Business Other

Recommendation: Approval

MTIP Amendments: MPO Area Transit Project

- Depot fills vital functions in the area transportation system
- Two prior projects have completed extensive repairs & renovations
- TL-0055 will complete process by replacing barrel roof, restoring windows & other repairs



ID#	Description	Change
TL-0055*	J. Douglas Galyon Depot State of Good Repair Phase 3	Add \$1.6M using federal BGANY(DA) funds matched by \$400k in GTA funds in FY 2024

Business Items

January 29, 2024

Action Business Other

Draft FY 24-25 Unified Planning Work Program

- Annual budget and work plan for MPO planning
- Programs anticipated FY 2025 federal grants and local & state matching funds

Funding Source	Federal Funding	Local Match	State Match	Total
FY 25 Funds				
FHWA PL	\$422,400	\$105,600	\$0	\$528,000
FHWA PL Setaside	\$10,800	\$0	\$0	\$10,800
FHWA BGDA	\$800,000	\$200,000	\$0	\$1,000,000
FHWA SPR	\$0	\$0	\$0	\$0
FTA 5303	\$241,600	\$30,200	\$30,200	\$302,000
FY 25 Totals	\$1,474,800	\$335,800	\$30,200	\$1,840,800
Prior Year Carryover Funds				
FHWA BGDA	\$700,000	\$140,000		\$840,000
FHWA SPR				
FTA 5303	\$456,474	\$57,059	\$39,885	\$553,418
Carryover Totals	\$1,156,474	\$197,059	\$39,885	\$1,393,418
Grand Total	\$2,631,274	\$532,859	\$70,085	\$3,234,218

Draft FY 2024-2025 UPWP Highlights

Continuing Studies

- Mobility Greensboro 2045
- Better Bus Stop Plan Phase I
- Downtown Transportation Plan
- East Gate City Blvd Corridor Study

New Special Studies

- BiPed reevaluation
- 2050 MTP network review
- Better Bus Stop Plan Phase 2

Discretionary Planning Grant

- Comprehensive Safety Action Plan

Recommendation: review document
prior to March approval

Division 7 Report



Action Business Other

Project Updates

Action Business Other

EL-5101 DR Murrow Blvd Bridge over Church St



Timeframe:

- Construction start 1/29
- Completion expected by end of 2024

EB-6037C Downtown Greenway Phase 4



Timeframe:

- Construction start 1/29
- Completion July 2025

Downtown Greenway Construction Starts 1/29

Downtown Greenway Closures Begin January 29

Post Date: 01/26/2024 8:40 AM

At 9 am Monday, January 29, construction on the final section of the Downtown Greenway (Phase 4) begins from Smith Street to Spring Garden Street. The work closes the gravel pathway between those streets to all pedestrian and cyclist traffic until the greenway is complete, which is expected to be in the summer of 2025.

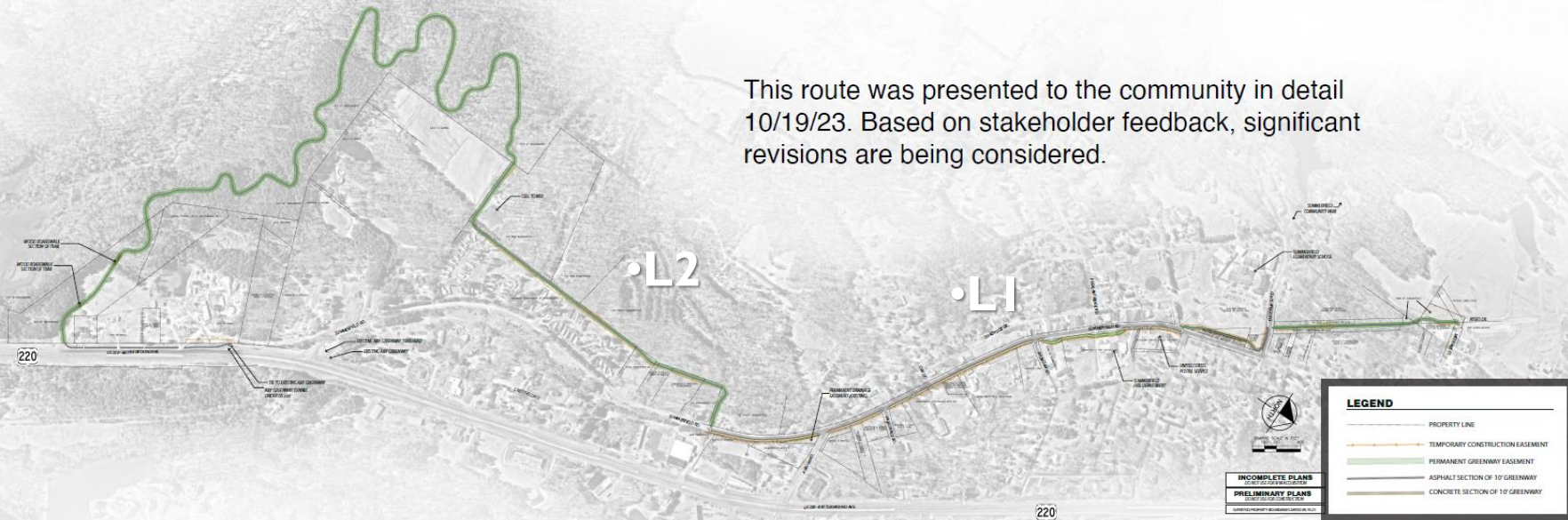
Also, beginning Monday, January 29, the Downtown Greenway along N. Murrow Boulevard between E. Lindsay Street and E. Fisher Avenue will be closed to pedestrians and cyclists. The closure is due to bridge repair work along Murrow, over N. Church Street. The work is expected to continue through October.

Pedestrian and cyclist detour maps are posted on [Downtown Greensboro's website](#).

Work schedules are dependent on weather conditions and material/equipment availability.

EB-5900 Summerfield A&Y Greenway

This route was presented to the community in detail 10/19/23. Based on stakeholder feedback, significant revisions are being considered.



January 18, 2024

RE: Invitation to an Informational Meeting for Local Officials
State Transportation Improvement Project No: P-5713
Hilltop Road Railroad Crossing Grade Separation

Dear Sir or Madam:

The N.C. Department of Transportation invites you to attend an Informational Meeting for Local Officials for the above-referenced project. The meeting will be held:

Date: Thursday, February 1, 2024
Time: 2 p.m.
Location: Gate City Baptist Church
5250 Hilltop Road, Jamestown

The purpose of this project is to convert the at-grade crossing of the North Railroad/Norfolk Southern Railway mainline at Hilltop Road in Greensboro to a grade separation.

The purpose of this meeting is to provide you with information on the project and provide you an opportunity to ask questions or provide comments. An informal, drop-in style open house will follow the Local Officials meeting from 4-7 p.m. at the same location. You are welcome to attend either or both meetings. The opportunity to submit written comments will be provided at the meeting, by email or mail no later than February 23, 2024.

Planning and Engineering Update



January 29, 2024



Marshall

Boom



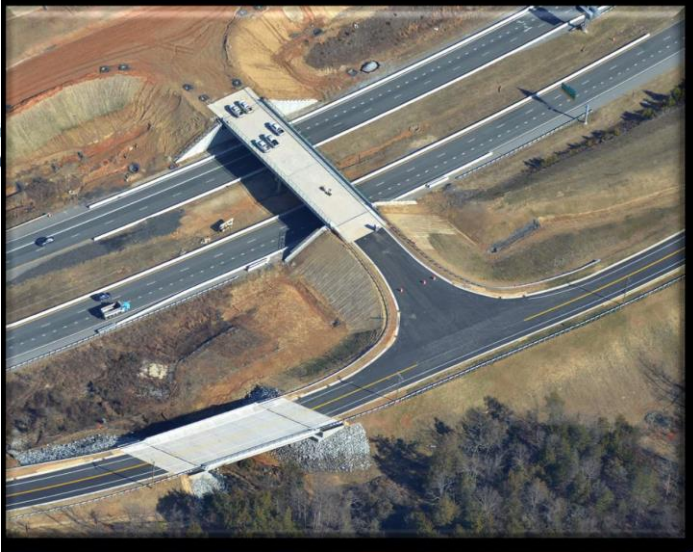
Boom

Marshall



Marshall





NCDOT Access Roads

Cross-field Taxiway – Phase 2 & 3



Line of Sight



Question S





HAECO

Hangar 1

Hangars

2

3

Hangar 4

Hangar 5

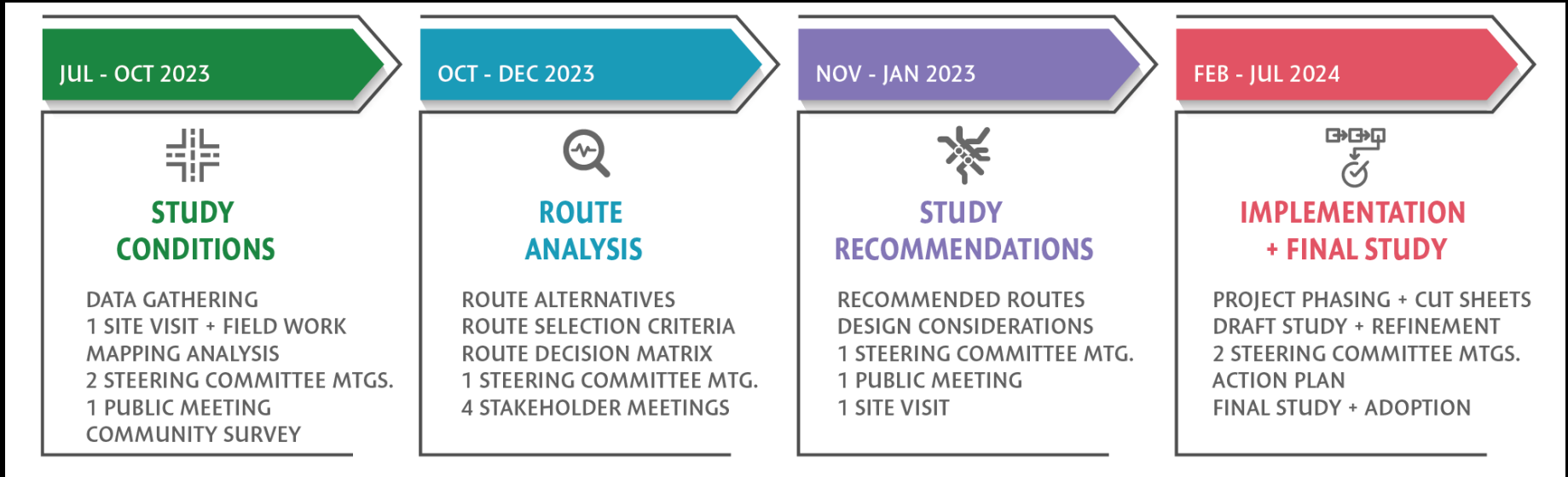


East Greensboro Greenway **FEASIBILITY STUDY**

Greensboro City Manager's Office Briefing
January 23, 2024



PROJECT OVERVIEW Schedule



Goals



Safety

Design the greenway to ensure the safety of all users by implementing appropriate countermeasures at midblock, intersection, and railroad crossings to address existing safety concerns and minimize potential hazards.



Accessibility + Connectivity

Create an accessible greenway for all users and increase connectivity to nearby parks, shopping areas, schools, points of interest, and outdoor recreation destinations.



Placemaking

Create a vibrant, community-centered greenway that fosters a strong sense of place and enjoyment by incorporating rest areas, interpretive and wayfinding signage, and public art to enhance user experience.



Equity + Inclusion

Create an inclusive and equitable greenway hand-in-hand with the community that provides recreational and transportation opportunities for all members of the community, regardless of age, ability, socioeconomic status, or background.



Project Feasibility

Collaborate with local neighborhoods, schools, and landowners to develop a route that is permissable, solves right-of-way challenges, and generates public support that can be focused on future construction and maintenance funding efforts.

PROJECT OVERVIEW

Study Area





Strategic Reports

Action Business Other

Strategic Reports

General

- New micromobility service (Bird) expected to kick off in March
- New permanent bike and pedestrian counting equipment to be installed on the

MPO

- Coordinated Human Services Plan Update & 5310 Elderly & Disabled Call for projects (March – May)
- Staff working on household & employment forecast TAZ distribution in CommunityViz (complete June)

Strategic Reports

Pending Grants & Studies

- City working to apply for RAISE grant to support GTA Crossmax Purple (Rt. 1 & 10) infrastructure needs
- City working to apply for Bridge Investment Program grant for a bridge replacement package
- Working on scoping and initiating 2024 UPWVP studies:
 - Comprehensive Safety Action Plan
 - Downtown Transportation Plan
 - East Gate City Boulevard Corridor Study
 - Better Bus Stop Plan Ph. I

FHWA Updates – January 2024

- Agenda packet includes summary information about:
 - Final rule for GHG emissions performance measure program
 - Final rule the 11th edition of the MUTCD.
 - Upcoming Funding Announcements
 - Recent Awards
 - New Opportunities
 - Recent Publications, Guidance and Reports
 - Upcoming Webinars

Other Items

1. Member Updates

- NCDOT updates
- Transit Update (GTA, TAMS, PART)
- MPO Area Towns
- PTI
- State & Federal Updates

2. Wrap up

Next TCC meeting date: March 11 at 2:00 PM

Greensboro Urban Area MPO



**Technical Coordinating Committee
January 29, 2024**