

Greensboro Urban Area MPO



GREENSBORO URBAN LOOP OPENING RIBBON CUTTING CEREMONY

MONDAY, JAN. 23, 2023 | 11 A.M.
GREENSBORO, NORTH CAROLINA

EMCEE/WELCOME

Mike Fox, Chair
N.C. Board of Transportation

REMARKS

Nancy Vaughan, Mayor
City of Greensboro

Skip Alston, Chair
Guilford County Board of Commissioners

Gladys Robinson, Senator
North Carolina State Senate

Phil Berger, Senator
North Carolina State Senate

Eric Boyette, Secretary
North Carolina Department of Transportation

RIBBON CUTTING

Technical Coordinating Committee
January 23, 2023

Zoom Platform Basics



Attendee Verification

Action Items

January 23, 2023

Action Business Other

Technical Coordinating Committee

Meeting Minutes of November 14, 2022

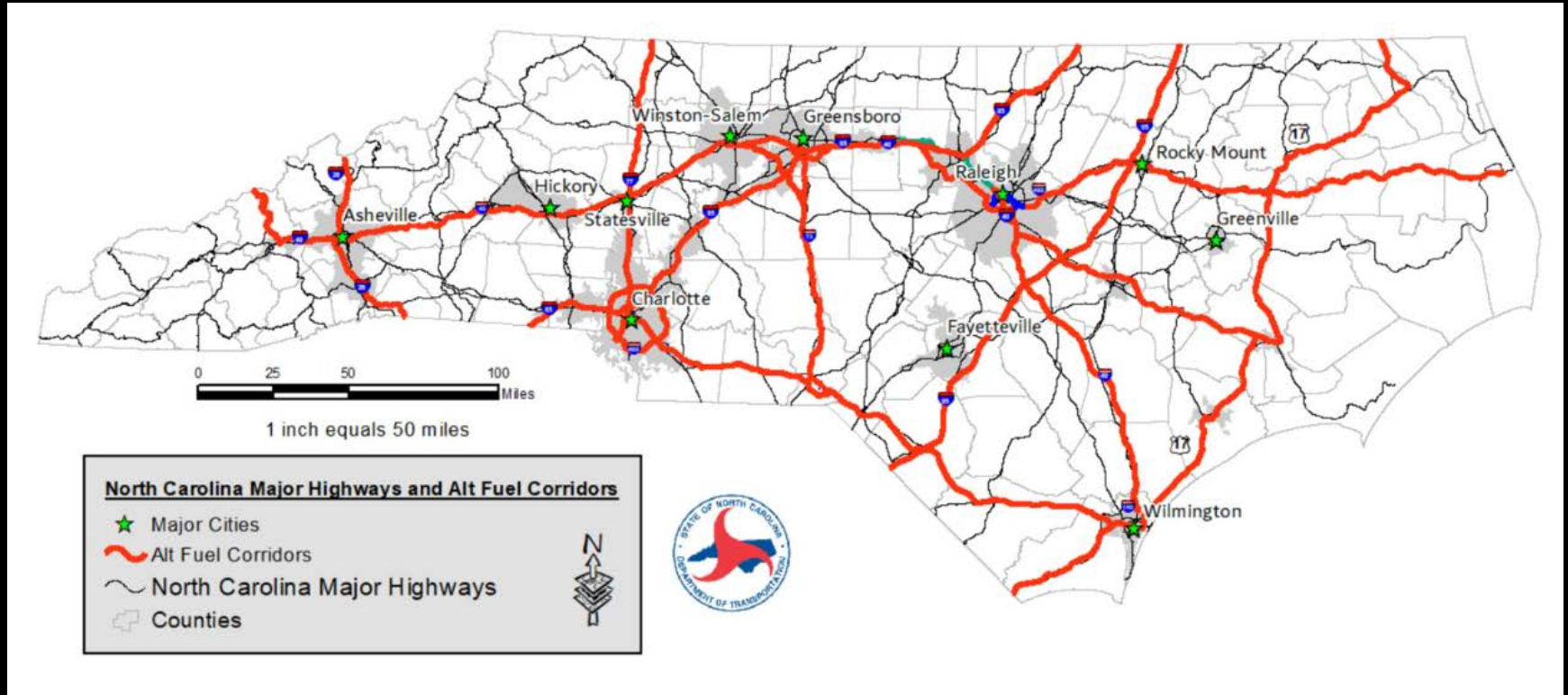
2:00 PM, Greensboro, NC

Zoom Online Virtual Meeting

Attendance

Tyler Meyer	<i>TCC Chair</i>	Mark Kirstner	<i>PART</i>
Gray Johnston	<i>MPO Staff</i>	Jason Geary	<i>GSO E&I</i>
Yuan Zhou	<i>MPO Staff</i>	Elizabeth Jernigan	<i>GSO P&R</i>
Tram Truong	<i>MPO Staff</i>	Kelly Larkins	<i>GSO Planning Dept.</i>
Raunak Mishra	<i>MPO Staff</i>	Stephen Robinson	<i>NCDOT Div. 7</i>
Craig McKinney	<i>MPO Staff</i>	Todd Meyer	<i>NCDOT Rail</i>
Lydia McIntyre	<i>MPO Staff</i>	Alex Rotenberry	<i>NCDOT IMD</i>
Tyler Fulton	<i>MPO Staff</i>	Michael Abuya	<i>NCDOT TPB</i>
Hanna Cockburn	<i>GDOT Director</i>	Tamara Njegovan	<i>NCDOT Div. 7</i>
Chris Spencer	<i>GDOT/Engineering</i>	Scott Whitaker	<i>Summerfield</i>
Deniece Conway	<i>GDOT/Engineering</i>		

MTIP Amendment & Modification: Statewide Projects



ID#	Description	Funding	FY
HV-0001	EV charging infrastructure engineering on NC Alt Fuel Corridors	\$721,000	Add to FY 23
M-0555	Statewide Rural FTA Section 5339 (bus & bus facility) projects	\$273,000	Add to FY 22
		\$567,000	Remove from FY 22

MTIP Amendment & Modification: Rail Projects

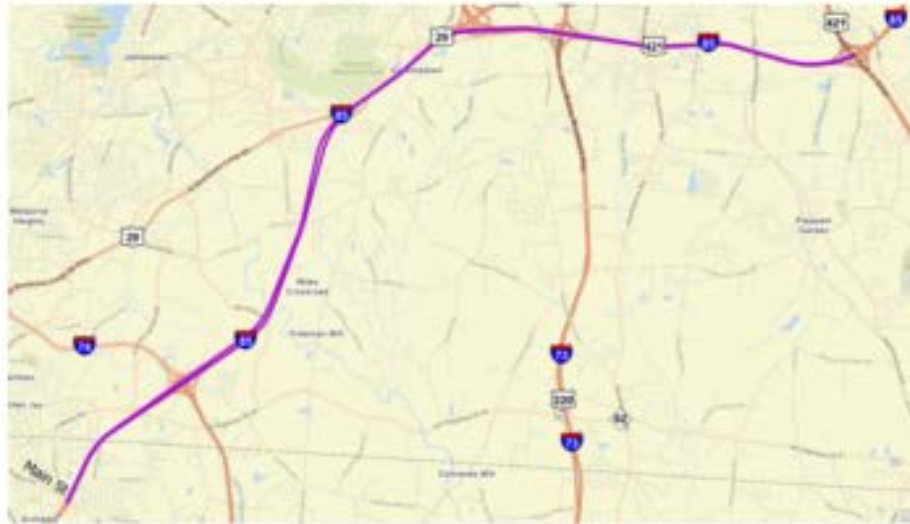


ID #	Description	Status
P-5700	Construct parking lot at Norfolk Southern Mainline, Norfolk Southern "Roundhouse" property.	Shift CST FY 23 -> 24
P-5714	Extend auxiliary and add power turnouts to NCRR Norfolk Southern, Pomona Yard	Shift CST FY 24 -> 25
Y-4807B*	Crossing closure at Lowdermilk St, Sykes Ave, and Pine St. Realignment at Lowdermilk St and Sykes Ave.	Increase CST cost by \$3.5M

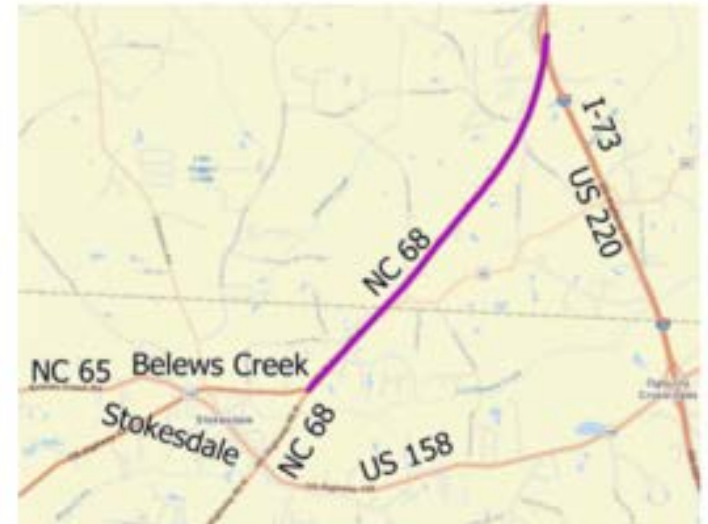
Action Business Other

Recommendation: Amend & Modify MTIP

MTIP Amendment & Modification: Roadway Projects



C-5600E: I-85 Intelligent Transportation Systems



R-5823: NC 65/68

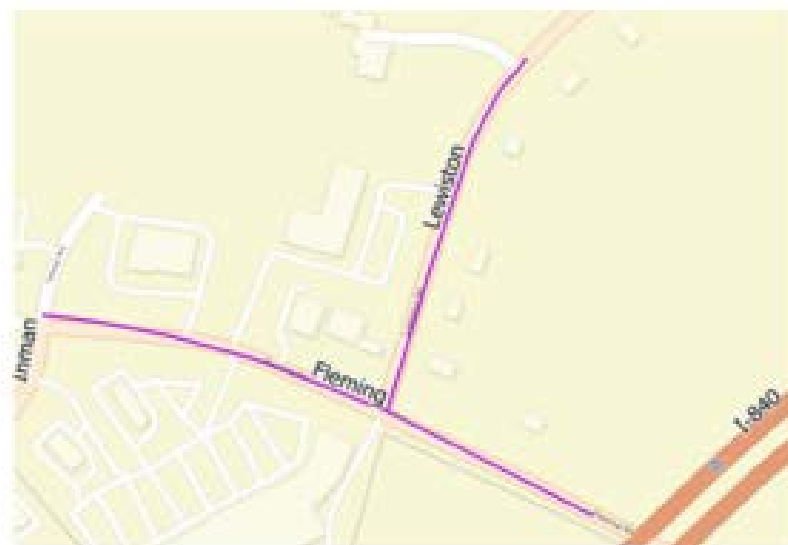
ID #	Description	Status
C-5600E	Install traffic management systems on I-85 from S. Main Street in Archdale to I-73/US 421 in Greensboro	Add project to MTIP
R-5823	Widen NC 68 / NC 65 from NC 65 in Stokesdale to US 220 / Future I-73 to multilane	Replace State funds with Federal funds

Recommendation: Amend & Modify MTIP

MTIP Amendment & Modification: Roadway Projects



U-4015A: Gallimore Dairy Road



U-6016: Fleming @ Lewiston Intersection

ID #	Description	Status
U-4015A	Widen Gallimore Dairy Road from NC 68 to Airpark Road to multilane	Shift CST FY 23 -> 24
U-6016	Improve intersection at Lewiston Rd and Fleming Rd	Shift CST FY 23 -> 24

Recommendation: Amend & Modify MTIP

MTIP Amendment: GTA Electric Replacement Bus



ID #	Description	Funding	Status
TA-6714	Electric Vehicle and Charging Infrastructure	\$416,386	FY 2023 (CMAQ)
		\$729,097	FY 2023 (VW)

Action Business Other

Recommendation: Amend MTIP

2023 NCDOT 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;

2023 NCDOT Safety Performance Measure Targets

NCDOT Safety Performance Measure Data and Targets					
Performance Measures	5-year Rolling Averages				
	Baseline (Actual)			Targets	
	2015-2019	2016-2020	2017-2021	CY 2022	CY 2023
Number of Fatalities	1,410.0	1,428.8	1,494.8	1,254.9	1,202.2
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.192	1.226	1.279	1.057	1.011
Number of Serious Injuries	4,078.4	4,410.2	4,903.4	3,537.6	3,423.0
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	3.422	3.782	4.195	2.962	2.863
Number of Combined Non- Motorized Fatalities and Non- Motorized Serious Injuries	515.6	592.2	637.2	486	468.2

Greensboro MPO Safety Performance Measure Data and Targets					
Performance Measures	5-year Rolling Averages				
	Baseline (Actual)			Targets	
	2015-2019	2016-2020	2017-2021	CY 2022	CY 2023
Number of Fatalities	48.4	50.4	58.4	42.4	40.6
Rate of Fatalities per 100 Million Vehicle Miles Traveled	0.963	1.019	1.185	0.836	0.798
Number of Serious Injuries	77.2	80.2	87.2	68.6	65.9
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	1.532	1.617	1.762	1.348	1.292
Number of Combined Non- Motorized Fatalities and Non- Motorized Serious Injuries	23.2	21.2	25.2	20	19

Action Business Other

Recommendation: Endorse Safety Targets

2023 Transit Safety Performance Measure Targets

Overview

- ❖ FTA Public Transportation Agency Safety Plan final rule
- ❖ FHWA and FTA joint final rule on planning
- ❖ Targets on reducing fatalities, injuries, safety events & improving system reliability
- ❖ Targets developed in concert with GTA and PART
- ❖ Requires annual updates

2023 Transit Safety Performance Measure Targets

PART Transit Safety Performance Targets (July 2022 – June 2023)

Mode of Transit Service	Fatalities (Total)	Fatalities (per million VRM)	Serious Injuries (total)	Serious Injuries (per million VRM)	Safety Events (total)	Safety Events (per million VRM)	System Reliability (VRM/failures)
Bus	0	0	0	0	56	43.3	55,953
Vanpool	0	0	0	0	0	2.0	57,220

PART's PTASP was adopted on April 8, 2020 and updated on August 10, 2022.

GTA Transit Safety Performance 2023 Targets

Mode of Service	Fatalities (total)	Fatalities (per 100k VRM)	Injuries (total)	Injuries (per 100k VRM)	Safety Events (total)	Safety Events (per 100k VRM)	System Reliability (failures/VRM)
Bust Transit	0	0.00	14	0.71	7	0.36	32,246
ADA/Paratransit	0	0.00	6	0.43	3	0.22	107,328

GTA's PTASP was adopted on November 17, 2020 and updated in November 2022.

Endorse Two MPO Grant Applications to NCDOT

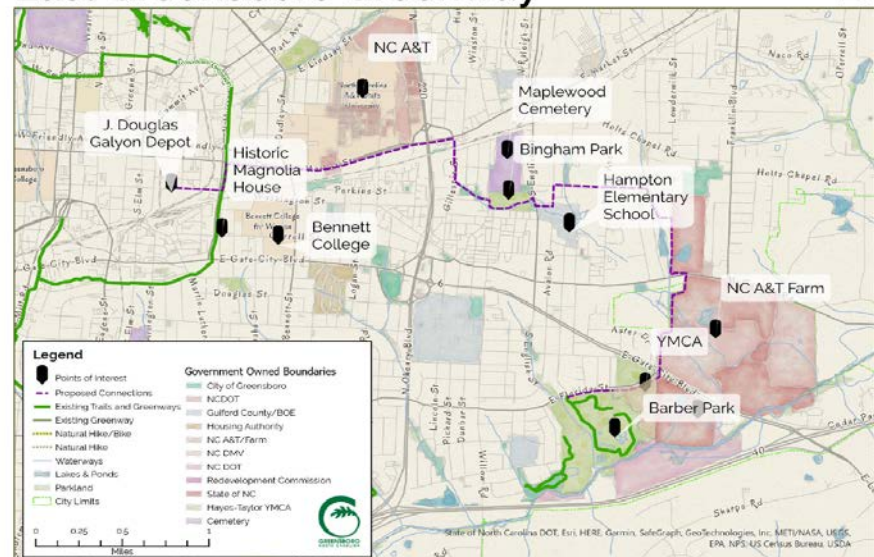


- Non-Infrastructure Grant for K-12
- 3-year Period
- Up to \$500,00 with 20% match

IMD FEASIBILITY STUDY GRANT PROGRAM OVERVIEW



East Greensboro Greenway



- Joint application with Parks & Recreation Dept.
- Provides funding for feasibility study w/ consultant assistance
- Awarded late winter/ early spring

Recommendation: Endorse Applications

Business Items

January 23, 2023

Action Business Other

Draft FY 23-24 Unified Planning Work Program

- Annual budget and work plan for MPO planning
- Programs anticipated FY 2024 federal grants and local & state matching funds

Funding Source	Federal Funding	Local Match	State Match	Total
FY 24 Funds				
FHWA PL	\$578,700	\$144,675		\$723,375
FHWA PL Setaside	\$22,300	\$5,575		\$27,875
FHWA BGDA	\$500,000	\$125,000		\$625,000
FTA 5303	\$271,741	\$27,174	\$27,174	\$326,089
FY 23 Totals				
FY 23 Carryover Funds				
Under review - information will be included in final UPWP				
Carryover Totals	\$0	\$0	\$0	\$0
Grand Total	\$0	\$0	\$0	\$0

Draft FY 2022-2023 UPWP Highlights

- Mobility Greensboro 2045 / Zero Emissions Transition Plan
- Downtown Parking Plan
- Travel Demand Model Calibration & Validation
- Bus Stop Consolidation & Improvement Plan
- MPO Safety / Vision Zero
- 2024-2033 TIP development activities
- Project planning, outreach, and NCDOT coordination
- Analysis tools & data services
- Data collection and performance management
- Forecasting future travel demand & transit ridership

UPWP adoption due March 2023

Division Engineer Report



Action Business Other

Locally Administered Project Updates

Recent and Pending Bid Openings

Downtown Greenway, Phase 4 - Contract 2015-0030

Plan revisions to incorporate value engineering ideas are complete
Changes include removal of enhancement area along Greensboro College's campus
& elimination of the extension of the A&Y Greenway from Hill St. to Benjamin Parkway.
Plan to put out to bid in February to have a construction start of May 2023

Greene Street Streetscape - Contract 2018-0480

Waterline installation is expected to begin in March 2023
The completion date for the contract is 450 days from NTP
Projects limits are from Washington St. to Bellemeade St.

Current Construction Projects

Alamance Church Road Improvements - Contract 2011-0670

Construction is approximately 50% complete for the project

All water and sanitary sewer work is to be completed by March 2023

Widening is being installed in areas where utility installations are complete

Construction is expected to be completed by spring 2024

Ballinger Road Bridge Replacement - Contract 2016-037A

Bridge work is complete

Widening work and sidewalk installation currently underway

Waiting on dry weather and asphalt to install binder to open roadway

Final surface course and thermo markings to be installed after March 15

Current Construction Projects



Alamance Church Road

Current Construction Projects



Alamance Church Road

Current Construction Projects



Ballinger Road Bridge

Action *Business* *Other*

Current Construction Projects



Ballinger Road Bridge

Current Construction Projects

Eugene & Bellemeade Streetscape - Contract 2020-0180

Waterline has been installed on Bellemeade St. from Edgeworth St. to Eugene St.
Waterline has been installed on Eugene St. from Smith St. to Bellemeade St.
Utility installations on Bellemeade Street East are underway
Streetscape work to begin on Eugene in April 2023 and continue onto Bellemeade

Summit Avenue Streetscape - Contract 2018-0200

Phase 1 is complete except for crosswalk stampings and thermo markings
Phase 2 utility work to is underway with storm, sanitary, and water being installed
Phase 2 streetscape work is expected to be complete by fall of 2023

Current Construction Projects



Bellemeade Street

Action Business Other

Current Construction Projects



Bellemeade Street

Action *Business* *Other*

Current Construction Projects



Summit Avenue

Action Business Other

Current Construction Projects



Summit Avenue

Action Business Other

Current Construction Projects

Sidewalks

College/New Garden Road Sidewalk - Contract 2014-0400

East side - Approximately 500' south of W. Friendly Avenue to Guida Drive

West side - W. Friendly Avenue to Ballinger Road

Construction is complete with the exception of final crosswalk markings

North Elm Street Sidewalk - Contract 2019-0640

Both Sides from Cone Blvd. to Cornwallis Drive

Construction is complete with the exception of final crosswalk markings



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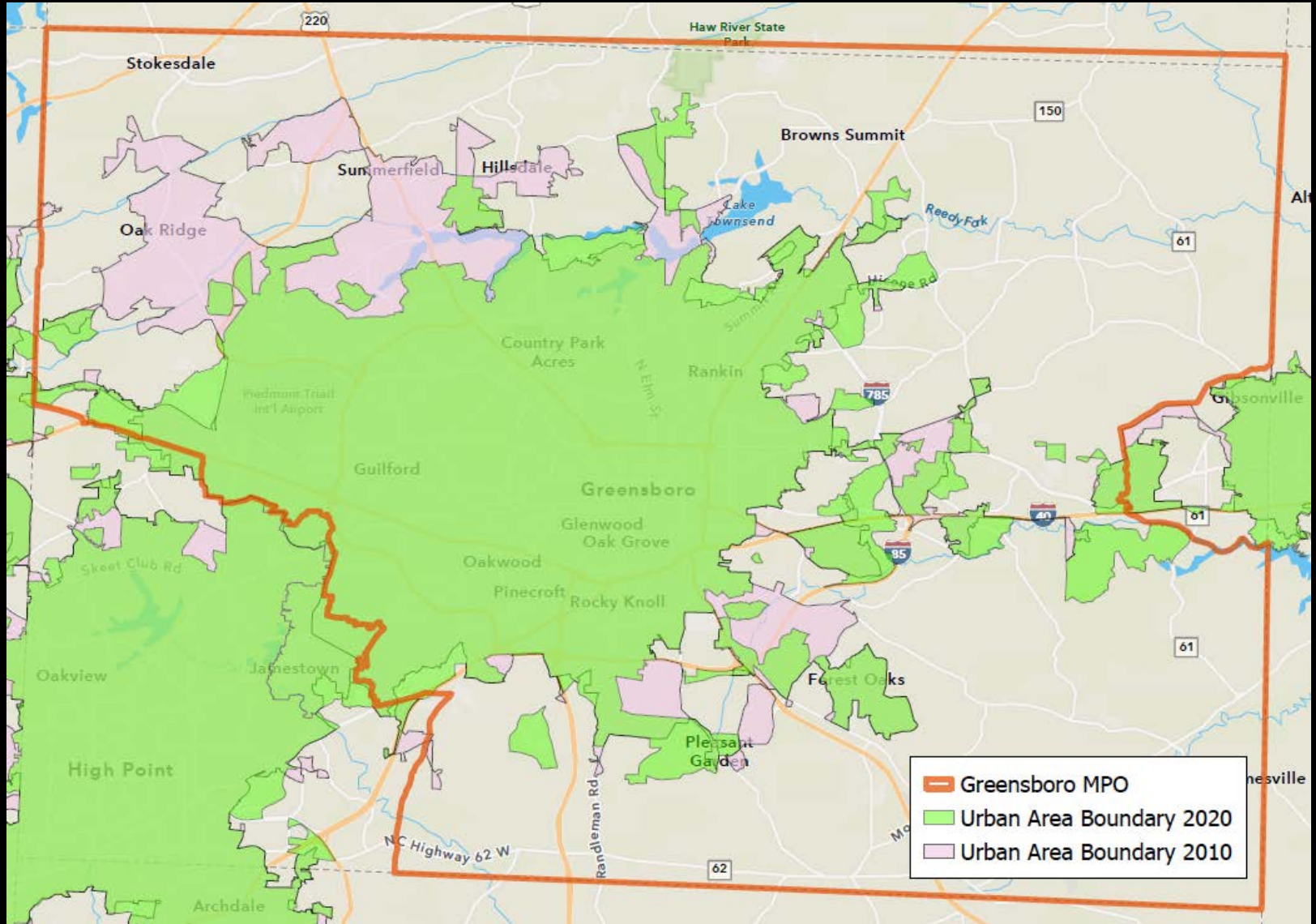


*Photos of this event will be available
on the NCDOT Flickr account:
[flickr.com/photos/ncdot/](https://www.flickr.com/photos/ncdot/)*

Strategic Reports

Action Business Other

2020 Census Urbanized Area Boundary Update



Draft Thoroughfare and Collector Street Plan

Font Size: + - + Share & Bookmark Feedback Print

- Updated & consolidated two MPO plans
- Public review February 1 – April 3
- Public meeting February 16



About the Plan

The Thoroughfare and Collector Street Plan is the official map identifying freeways, and major and minor thoroughfares and collector streets in the Greensboro Urban Area.

How It is Used

The plan is referenced in the Land Development Ordinance and used to:

- Establish street design standards including width, cross section, access, sidewalks, bicycle accommodations, transit shelter locations and more for specific roadway classifications.
- Obtain or protect public right-of-way when land is developed.
- Determine locations for proposed thoroughfares and collector streets planned to be built in the future.
- Control the number of future access points along thoroughfares.

LATEST PROJECT NEWS

The draft [Greensboro Thoroughfare and Collector Street Plan](#) is available for review and public comment until April 3.

Public Meeting

4 pm, Thursday, February 16, [via Zoom](#).

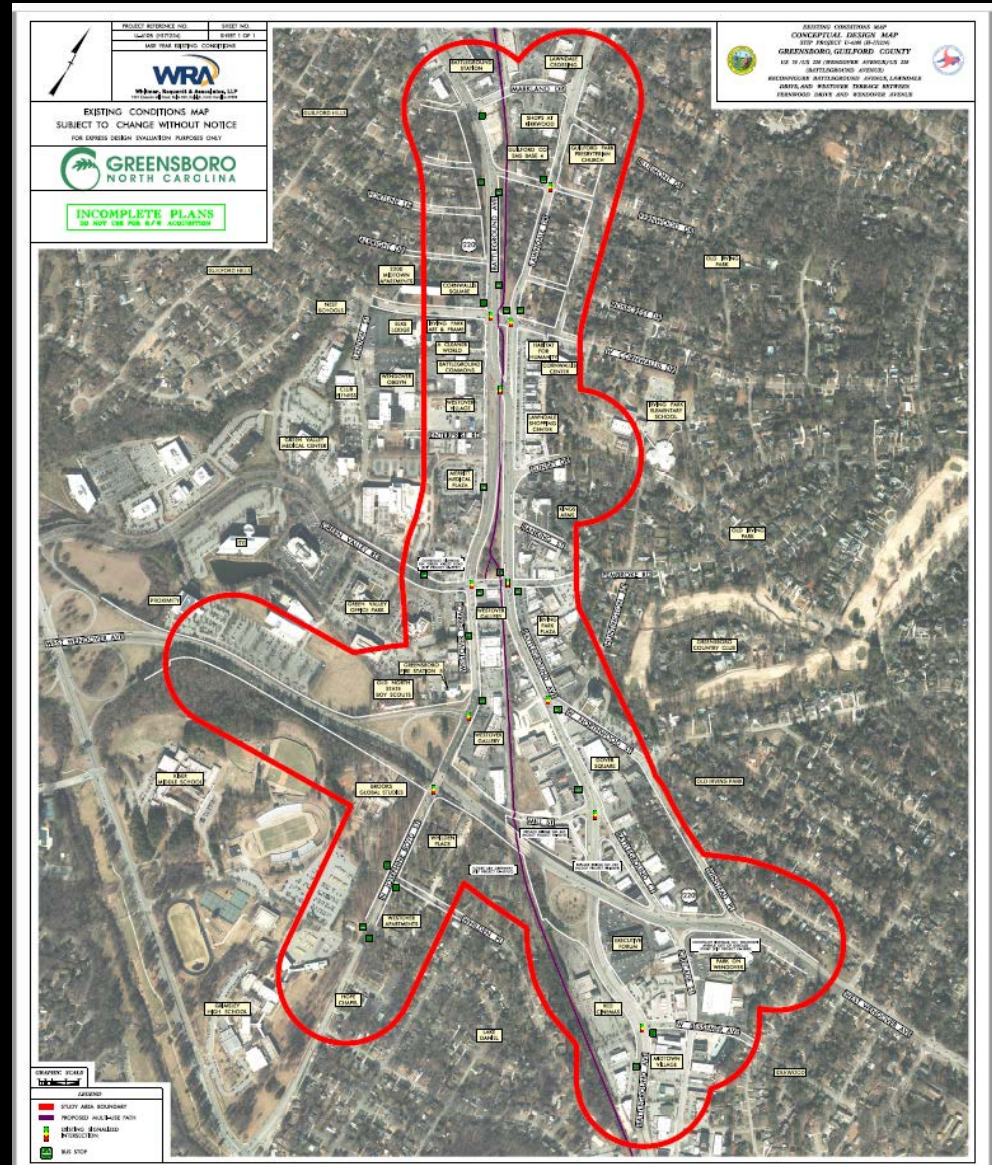
Learn more about the plan, how the City uses it, and how to use the [interactive online tool](#) to submit comments. Call 336-373-4368 for special accommodations.

How to Comment

- View the plan and [post comments on the map](#).
- Email: guampo@greensboro-nc.gov
- Mail: Attn: Thoroughfare Plan Amendments, Greensboro DOT, P.O. Box 3136, Greensboro, NC 27402-3136
- Fax: 336-412-6171

Upcoming U-6 I 08 Public Involvement

- Coordinating with NCDOT on upcoming public outreach
- Public review March 13 - April 28
- Public meeting March 20
- Goal: front end big picture input



Funding Update

- Studying CMAQ & CRP funding & anticipate bringing a recommendation in March
- Transportation Alternatives funding call pending
- Section 5310 funding call for projects pending
- Gearing up for Prioritization 7.0
- Working to refine processes to get LAPP projects moving faster



Other Items

1. Member Updates
2. Wrap up

Next TCC meeting date: March 13 at 2:00 PM

Greensboro Urban Area MPO



**Technical Coordinating Committee
January 23, 2023**