

Greensboro Urban Area MPO



Eva Meyer's artwork (above) won first place in the Intermediate category for this year's North Carolina Aviation Art Contest.

Transportation Advisory Committee
March 15, 2023

Zoom Platform Basics



Attendee Verification

Introductory Items

March 15, 2023

ETHICS AWARENESS & CONFLICT OF INTEREST

(to be read by the Chair or designee at the beginning of each meeting)

In accordance with the State Government Ethics Act, it is the duty of every committee member to avoid conflicts of interest.

Does any member have any known conflict of interest with respect to any matters coming before the committee today?

If so, please identify the conflict and refrain from any participation in the particular matter involved.



Reports, Concerns, and Discussion from MPO Area Towns



Public Comments

*No written comments received
No speakers from the floor signed up*

Action Items

March 15, 2023

Action Business Other

Meeting Minutes of January 25, 2023

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

Attendance:

Marikay Abuzuaiter	<i>TAC Chair</i>	Chris Spencer	<i>GDOT Eng.</i>
Nancy Vaughan	<i>TAC Member, City of Greensboro</i>	David Ortega	<i>GDOT Eng.</i>
Tammi Thurm	<i>TAC Member, City of Greensboro</i>	Joshua Hoffman	<i>GDOT</i>
Mike Fox	<i>TAC Member, NC BOT</i>	Jeff Sovich	<i>GSO Planning</i>
Carly Cooke	<i>TAC Member, Guilford County</i>	Jason Geary	<i>GSO E&I</i>
Skip Alston	<i>TAC Member, Guilford County</i>	Stephen Robinson	<i>NCDOT Div. 7</i>
Reece Walker	<i>TAC Member, Summerfield</i>	Michael Abuya	<i>NCDOT TPB</i>
Tyler Meyer	<i>TCC Chair</i>	Scott Rhine	<i>PART</i>
Craig McKinney	<i>GDOT/MPO</i>	Joe Geigle	<i>FHWA</i>
Yuan Zhou	<i>GDOT/MPO</i>	David Hampsten	<i>TAP/Bikesboro</i>
Gray Johnston	<i>GDOT/MPO</i>	Nicole Lindahl	<i>BIG</i>
Tram Truong	<i>GDOT/MPO</i>	Keith Ward	<i>BIG</i>
Raunak Mishra	<i>GDOT/MPO</i>	Gail Dunham	<i>Citizen</i>

MTIP Amendment & Modification: Statewide Projects

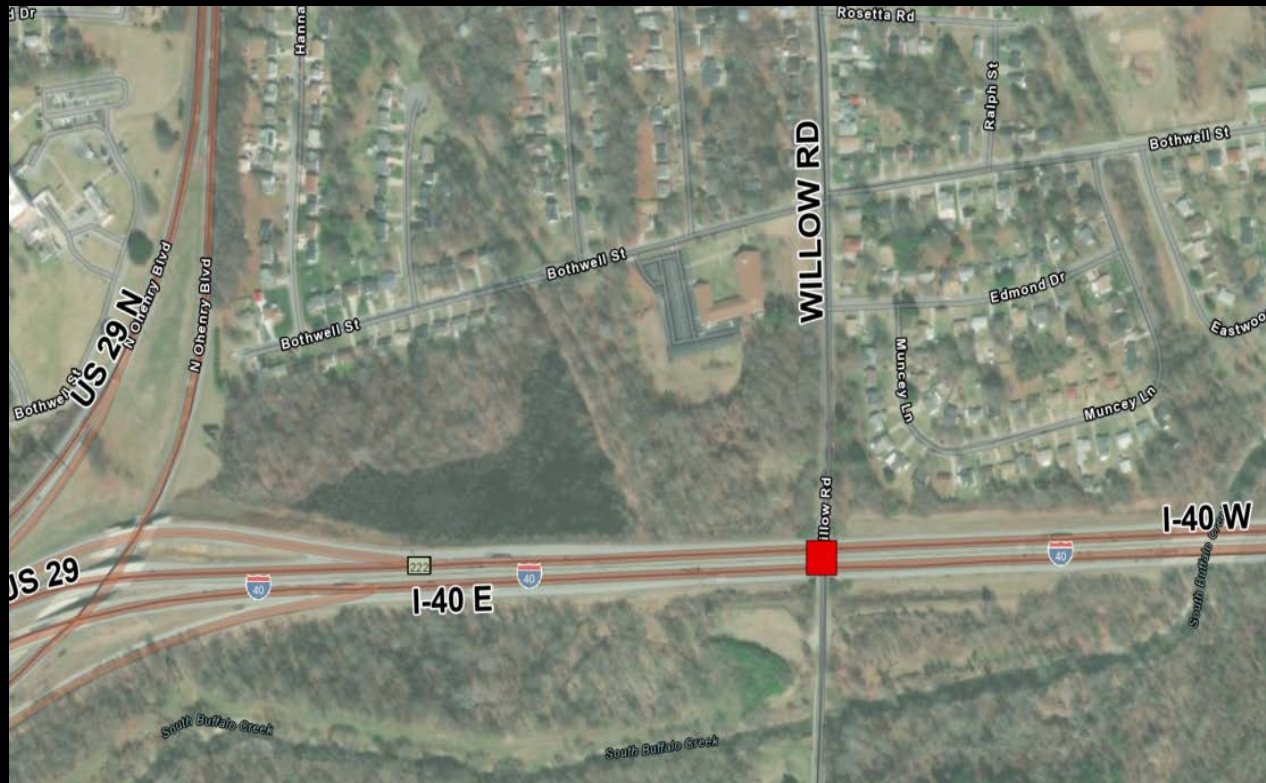
ID#	Description	Funding	Status
M-0482*	Statewide, Implemented Federal State Transportation Innovation Council (STIC) Incentive for funded projects	\$500K	Add to MTIP
M-0552CDIV	Statewide, Digital Delivery Initiative	\$150K	Add to MTIP
M-0552CREG	Statewide, Digital Delivery Initiative	\$150K	Add to MTIP
M-0552CSW	Statewide, Digital Delivery Initiative	\$200K	Add to MTIP
M-0557A*	Statewide, hazard characterization and warning tools	\$3.36M	Add to MTIP
M-0557B	Statewide, hazard corridor vulnerability assessments	\$1.4M	Add to MTIP
M-0557C	Statewide, GAM database and landslide mitigation planning	\$2.24M	Add to MTIP

ID#	Description	Phase	Status
R-5753	Construct road and bridge owned by the Federal Government providing access to federal lands	CST	Increase by \$27M
R-5966	Federal Tribal Transportation Program	CST	Increase by \$14M
TC-0018	Statewide, 5310 capital projects for rural areas	CP	Add \$6.975M in FY 23, 24
TM-0023	Statewide, provide technical assistance for Section 5310 admin/ operating/ capital for small urban and rural areas	AD	Add \$500k in FY 24
TQ-6954	Statewide, 5310 operating projects for rural areas	OPER	Add \$2.7M in FY 24

Action Business Other

Recommendation: Amend & Modify MTIP

MTIP Modification: MPO Area Bridge Projects

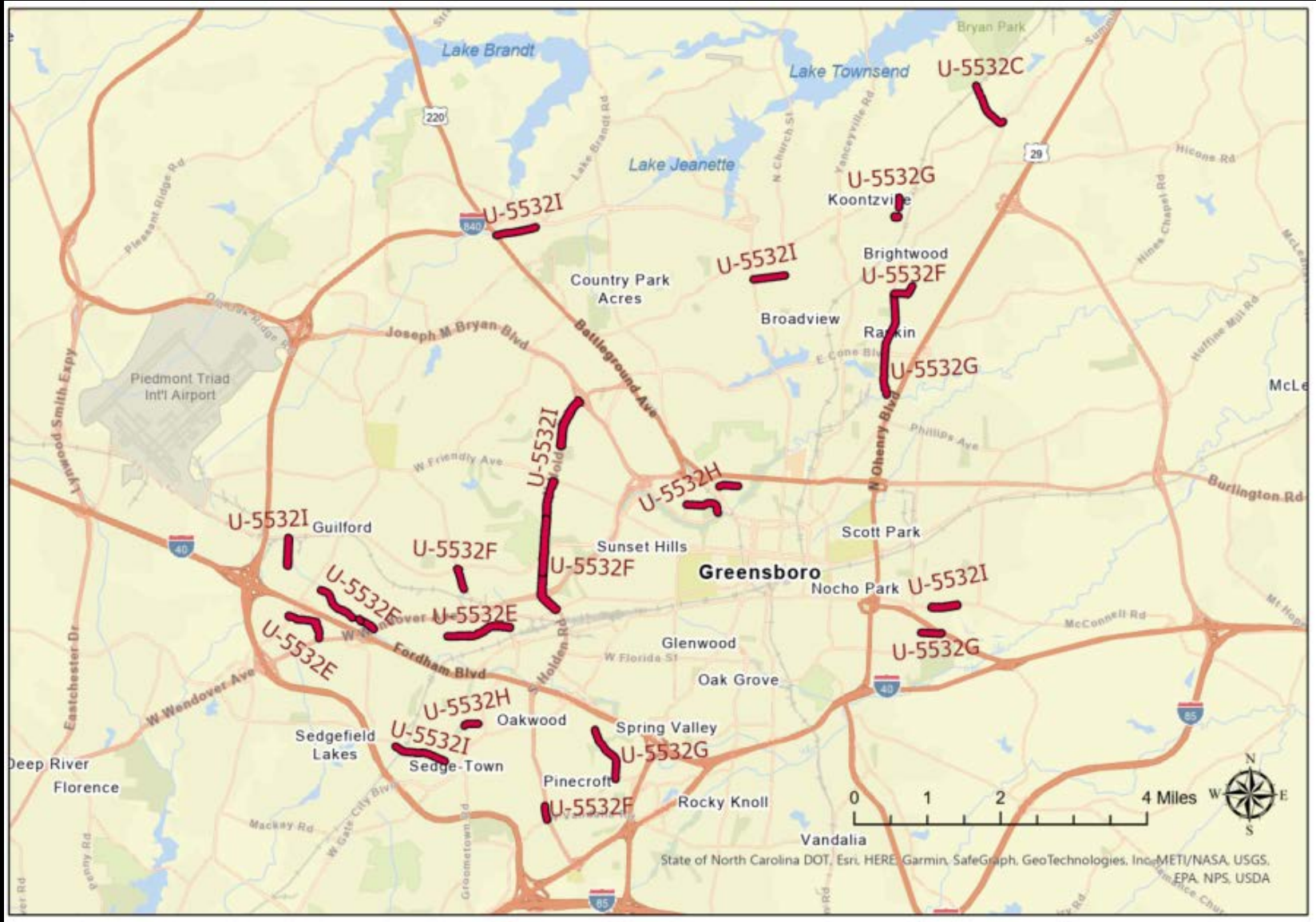


ID#	Description	Funding	Phase	Status
B-5713	Replace Bridge on Willow Road over I-40/BUS-85	Change from NHPB -> BFP	R/W	Increase by \$834k
			CST	Increase by \$4.682M

Action Business Other

Recommendation: Modify MTIP

MTIP Amendment: MPO Pedestrian & Bicycle Projects



Recommendation: Amend MTIP

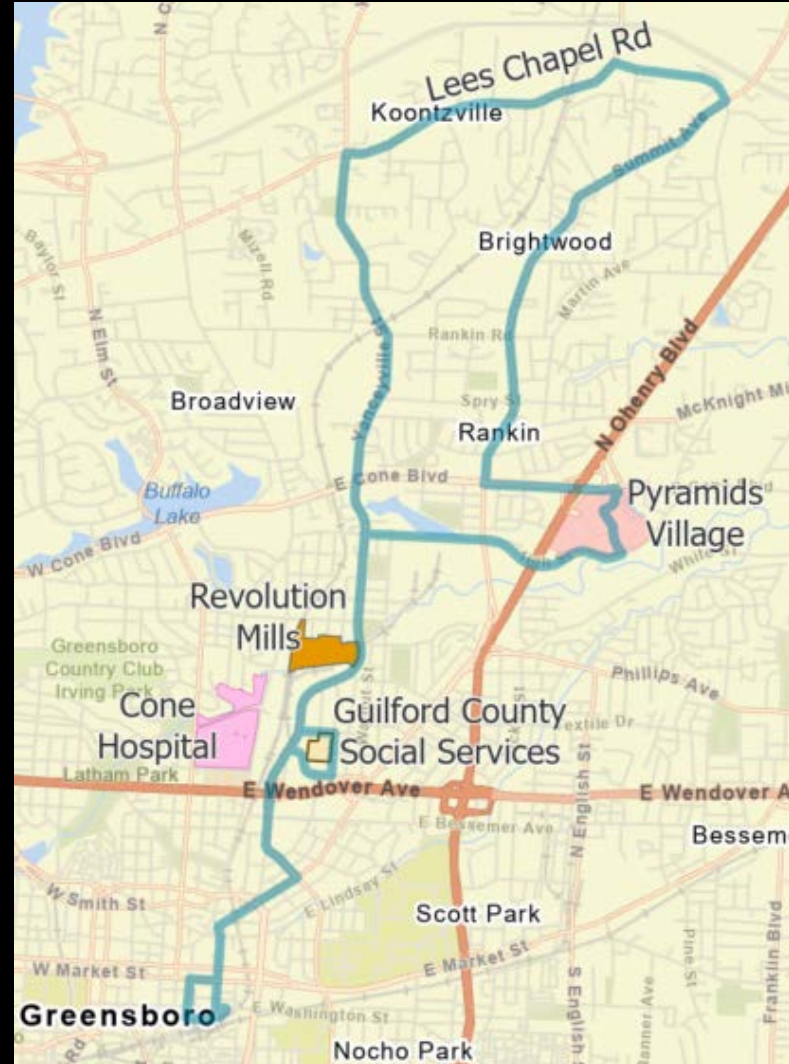
MTIP Amendment: MPO Pedestrian & Bicycle Projects

ID#	Description	Phase	Status
U-5532	Various Greensboro sidewalk projects	PE	Add \$100k in FY 2023
		R/W	Shift from FY 22 ->23; increase by \$500K
		CST	Increase by \$937.5K

Recommendation: Amend MTIP

FY 2024 CMAQ Funding Recommendation & FY 2020 – 2029 MTIP Amendment

- TL-0026 would improve GTA Route 15 by reducing weekday headways from 1 hour to 30 mins
- Route 15 has strong ridership demand & provides access to major destinations
- Requested by GTA Advisory Committee and GTA riders
- Considered a high priority for short term implementation.
- Add CMAQ funds (\$1,450,044) and local matching funds (\$362,511) in FY 2024.



Recommendation: Amend MTIP

FY 2022-2023 UPWP Amendment #1

- Increases Downtown Parking Plan budget by \$20,000 to cover actual contract expenses

No change to FY 2022-2023 BGDA funding total				
Funding Source	Federal BGDA Funding	State Funds	Local Match	Total
Current budget	\$500,000	\$0	\$125,000	\$625,000
Funding increase	\$0	\$0	\$0	\$625,000
New revised budget total	\$500,000	\$0	\$125,000	\$625,000

- Parking Plan increase offset by reduction in Networks & Support Systems

			MPO Planning - PL104			BGDA		
FTA CODE	TASK CODE	TASK DESCRIPTION	Local 20%	Federal 80%	Total 100%	Local 20%	Federal 80%	Total 100%
II-A Data and Planning Support								
44.24.00	II-A-1	Networks and Support Systems	\$ 25,000	\$ 100,000	\$ 125,000	\$ 71,000	\$ 284,000	\$ 355,000
44.23.01	II-A-2	Travelers and Behavior	\$ -	\$ -				
44.23.02	II-A-3	Transportation Modeling	\$ 17,500	\$ 70,000	\$ 87,500			
II-B Planning Process								
44.23.02	II-B-1	Target Planning	\$ 10,000	\$ 40,000	\$ 50,000			
44.23.01	II-B-2	Regional Planning	\$ 25,000	\$ 100,000	\$ 125,000			
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -			
44.27.00	II-B-3A	Downtown Parking Plan				\$ 54,000	\$ 216,000	\$ 270,000

Action Business Other

Recommendation: Amend UPWP

MPO Self-Certification

- Required prior to UPWP adoption to certify compliance with federal requirements
- Based on a detailed checklist documenting MPO compliance

Checklist

The following detailed checklist is a guide to the issues considered in this self-certification process.

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance in procedures set forth in state and local law? *Yes*
2. Does the policy board include elected officials, providers of major modes of transportation, and appropriate state officials? *Yes*
3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the 20-year forecast period? *Yes*
4. Is there a currently adopted Unified Planning Work Program (UPWP)?
 - a. Is there an adopted prospectus? *Yes*
 - b. Are tasks and products clearly outlined? *Yes*
 - c. Is the UPWP consistent with the Metropolitan Transportation Plan (MTP)? *Yes*
 - d. Is the work identified in the UPWP completed in a timely fashion? *Yes*
5. Does the area have a valid transportation planning process?
 - a. Is the transportation planning process continuous, cooperative and comprehensive? *Yes*
 - b. Is there a valid MTP? *Yes*
 - c. Did the MTP have at least a 20-year horizon at the time of adoption? *Yes*
 - d. Does it address the 10 planning factors? *Yes*
 - e. Does it cover all modes applicable to the area? *Yes*
 - f. Is it financially constrained? *Yes*
 - g. Does it include funding for the maintenance and operation of the system? *Yes*
 - h. Does it conform to the State Implementation Plan (SIP)? *Yes*
 - i. Is it updated/reevaluated in a timely fashion (at least every 4 years)? *Yes*
6. Is there a valid Transportation Improvement Program (TIP)?
 - a. Is it consistent with the MTP? *Yes*
 - b. Is it fiscally constrained? *Yes*
 - c. Is it developed cooperatively with the state and local transit operators? *Yes*
 - d. Is it updated at least every 4 years and adopted by the MPO and the Governor? *Yes*

7. Does the area have a valid Congestion Management Process?
 - a. Is it consistent with the MTP? *Yes*
 - b. Was it used for the development of the TIP? *Yes*
 - c. Is it monitored and reevaluated to meet the needs of the area? *Yes*
8. Does the area have a process for including environmental mitigation discussions in the planning process? *Yes*
9. Does the planning process meet the following requirements of federal law?
 - a. Title VI: Are there procedures in place to address Title VI complaints and do they comply with federal regulation? *Yes*
 - b. Environmental Justice: Has the MPO identified low-income and minority populations within the planning area and considered the effects in the planning process? *Yes*
 - c. ADA: Are there procedures in place to address ADA complaints of non-compliance and do they comply with federal regulation? *Yes*
 - d. Disadvantaged Business Enterprises (DBE): Does the MPO have a DBE policy statement that expresses commitment to the DBE program? *Yes*
10. Does the area have an adopted Public Participation Plan?
 - a. Did the public participate in the development of the PPP? *Yes*
 - b. Was the PPP made available for public review for at least 45 days prior to adoption? *Yes*
 - c. Is adequate notice provided for public meetings? *Yes*
 - d. Are meetings held at convenient times and at accessible locations? *Yes*
 - e. Is the public given an opportunity to provide oral and/or written comments on the planning process? *Yes*
 - f. Is the PPP periodically reviewed and updated to ensure its effectiveness? *Yes*
 - g. Are plans/program documents available in an electronic accessible format, i.e. MPO Web site? *Yes*
11. Does the area have a process for including environmental, state, other transportation, historical, local land use and economic development agencies in the planning process? *Yes*

Action Business Other

Recommendation: Self-certify

FY2023-2024 Unified Planning Work Program

- Annual budget and work plan for MPO planning
- Programs FY 2024 federal planning funds & matching funds
- Also modifies the TIP for BGDA allocation

Funding Source	Federal Funding	Local Match	State Match	Total
FY 24 Funds				
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
FY 23 Totals	\$1,596,993	\$372,074	\$27,174	\$1,996,241
Prior Year Carryover Funds				
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
Carryover Totals	\$1,326,121	\$192,765	\$138,765	\$1,657,651
Grand Total	\$2,923,114	\$564,839	\$165,939	\$3,653,892

- Draft reviewed at the January meeting
- Final adjustments have been made
- Due for approval and submittal to NCDOT

FY2023-2024 Unified Planning Work Program

Highlights

Continuing Studies

- Downtown Parking Plan
- Mobility Greensboro 2045
- Household Travel Survey

New Special Studies

- Downtown Transportation Study
- East Gate City Boulevard Corridor Improvement Study
- Better Bus Stop Study

Comprehensive Safety Action Plan

Recommendation: Approve FY 23-24 UPWP

Business Items

March 15, 2023

Action Business Other

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 April 2023 to have a construction start of July 2023

Davie Street Streetscape - Contract 2018-051A

Plan to put out to bid in June 2023 to have a construction start of September 2023

The completion date for the contract is 520 days from NTP

Project limits are from McGee St. to Friendly Avenue

Current Construction Projects

Alamance Church Road Improvements - Contract 2011-0670

Construction is approximately 50% complete for the project
All water and sanitary sewer work has been completed
Widening with asphalt and curb & gutter is currently being installed
Construction is expected to be completed by spring 2024

Ballinger Road Bridge Replacement - Contract 2016-037A

Bridge work and widening work is complete
Approach milling and final overlay to be completed within next 10 days
Bridge and one lane will be open to finish shoulder work after overlay

Current Construction Projects



Alamance Church Road

Action *Business* *Other*

Current Construction Projects



Alamance Church Road

Action *Business* *Other*

Current Construction Projects



Ballinger Road Bridge

Action Business Other

Current Construction Projects



Ballinger Road Bridge

Action Business Other

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 Sept 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 summer of 2024

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

Greene Street Streetscape - Contract 2018-0480

Waterline installation is to begin in April 2023

The completion date for the contract is 450 days from NTP

Projects limits are from Washington St. to Bellemeade St.

Draft FY TIP 2024-2033 Project Swap

- Draft FY TIP 2024-2033 includes previously funded projects under the FY 2020-2029 TIP
- NCDOT allows swapping higher priority / more ready projects with lower priority / less ready projects
- Swap-ins can't exceed 10% of swap out project cost
- *Requires approval by the MPO and Division 7*
- *Staff recommends swapping U-5812 out for EB-5996*
- *Division 7 has provided a statement of concurrence*
- *If MPO approves, swap will take effect in FY 2024-2033 TIP*

Draft FY TIP 2024-2033 Project Swap

U-5812 Lawndale/Pisgah Church/ Martinsville Intersection Improvements



Swap out

- Construction FY 24
- Development Impacts
- Travel Pattern Changes

EB-5996 N. Church St. (Electra Drive to Lees Chapel) Sidewalk Improvements



Swap in

- Expected 75% Design w/i year
- Serves GTA Route 3
- Vision Zero Safety Priority

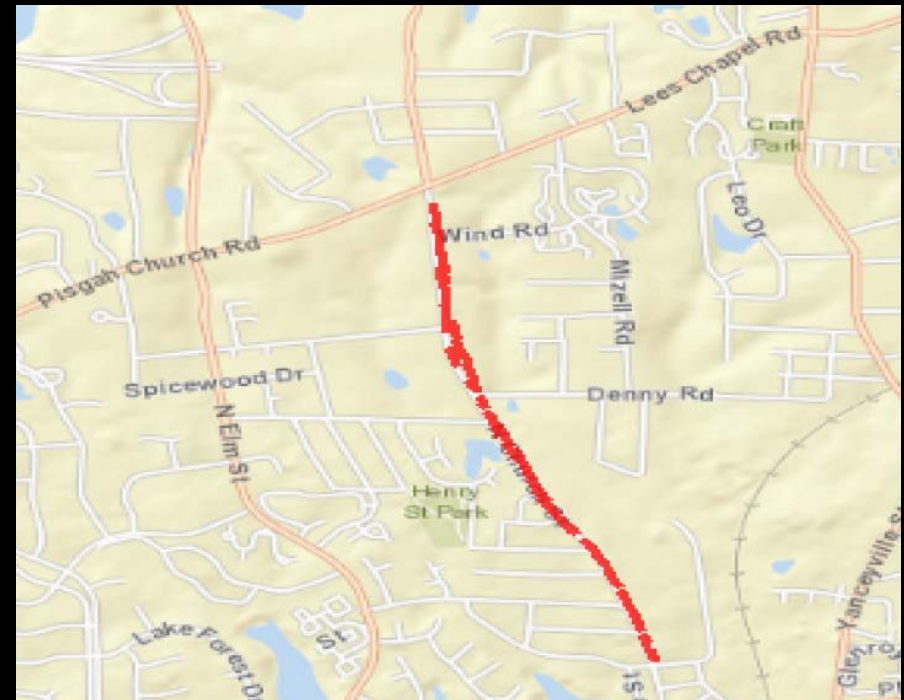
Draft FY TIP 2024-2033 Project Swap

U-5812 Lawndale/Pisgah Church/ Martinsville Intersection Improvements

On average has experienced
a 18% reduction in traffic volumes.

Action Business Other

EB-5996 N. Church St. (Electra Drive to Lees Chapel) Sidewalk Improvements



The project area is considered an
emerging crash concern.

Strategic Reports

Action Business Other

Prioritization 7.0 Process Update

General Process Updates

- P 6.0 projects remain unfunded
- P 7.0 provides funding for years 2026-2035
- P 7.0 process will allow two projects to be designated *Carryover*
- The MPO point allotment pool increased from 1800 to 1900
- The MPO must receive member jurisdictions project submittals by June 30
- Recommend resubmitting P 6.0 projects

Prioritization 7.0 Process Update

MPO Project Ranking Methodology Overview

- ✓ **Step 1:** *Identification of Candidate Projects – now through June*
- **Step 2:** *Evaluation of Candidate Projects – July-August*
- **Step 3:** *Submittal of Local Projects to NCDOT –September 20*
- **Step 4:** *Assignment of Local Points*
- **Step 5:** *Public Involvement*
- **Step 6:** *Submittal of Local Inputs to NCDOT*

Prioritization Process Update

Status of Previously Submitted Projects

- *Committed- Not Applicable*
- *Carryover- Only Two*
- *Holding Tank- Not Applicable*

Please review your jurisdictions projects submitted under P 6.0 (description, project limits, cost, etc.)

Prioritization Process Update

MPO Project Screening Process

- Eligibility Requirements
- Relative Need
- Competitiveness based on NCDOT criteria
- Ensure project purpose & need is clearly defined
- Gauge viability for funding & implementation between 2026-2035

Prioritization Process Update

Highway Criteria & Weights

Mobility Projects (Roadway Widening, Intersection/Interchange Improvements, Access Management):

Statewide Mobility		Regional Impact		Division Needs	
30%	Congestion	20%	Benefit-Cost	15%	Benefit-Cost
25%	Benefit-Cost	20%	Congestion	15%	Congestion
25%	Freight	10%	Accessibility/Connectivity	10%	Safety
10%	Economic Competitiveness	10%	Freight	5%	Accessibility/Connectivity
10%	Safety	10%	Safety	5%	Freight

Modernization Projects (Modernize Roadway, Upgrade Freeway to Interstate):

Statewide Mobility		Regional Impact		Division Needs	
25%	Freight	25%	Safety	20%	Safety
25%	Safety	10%	Freight	10%	Pavement Condition
20%	Paved Shoulder Width	10%	Lane Width	10%	Paved Shoulder Width
10%	Congestion	10%	Pavement Condition	5%	Freight
10%	Lane Width	10%	Paved Shoulder Width	5%	Lane Width
10%	Pavement Condition	5%	Congestion		

Prioritization Process Update

Public Transportation Criteria & Weights (Mobility Projects)

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	20%	Cost Effectiveness
	20%	Demand/Density	10%	Demand/Density
	15%	Impact	10%	Efficiency
	10%	Efficiency	10%	Impact

Public Transportation Criteria & Weights (Facility Projects)

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	(not eligible)		15%	Cost Effectiveness
			15%	Impact
			10%	Demand/Density
			10%	Efficiency

Public Transportation Criteria & Weights (Demand Response Projects)

Statewide Mobility	Regional Impact		Division Needs	
(not eligible)	25%	Cost Effectiveness	15%	Cost Effectiveness
	20%	Demand/Density	15%	Demand/Density
	15%	Efficiency	10%	Efficiency
	10%	Impact	10%	Impact

Prioritization Process Update

Bicycle/Pedestrian Criteria & Weights


Statewide Mobility		Regional Impact		Division Needs	
(not eligible)		(not eligible)		20%	Safety
				15%	Accessibility/Connectivity
				10%	Demand/Density
				5%	Cost Effectiveness

Rail Criteria & Weights


Statewide Mobility		Regional Impact		Division Needs	
35%	Benefit-Cost	25%	Benefit-Cost	15%	System Opportunities
30%	Safety	15%	Safety	10%	Benefit-Cost
15%	System Opportunities	10%	Capacity and Diversion	10%	Capacity and Diversion
10%	Capacity and Diversion	10%	Economic Competitiveness	10%	Safety
10%	Economic Competitiveness	10%	System Opportunities	5%	Economic Competitiveness


Prioritization Process Update

P 7.0 Key Dates


 **March 8, 2023- MPO initiates project submittal process**

Early June 2023 - BOT approves P 7.0 Criteria/ Weights

 **June 30, 2023- All Projects must be submitted to the MPO (including Aviation)**

 **July - August 2023 - MPO analysis and identify projects for submittal**

August 9, 2023- TAC and TCC review of *Draft List of Project Submittals*

 **August 10 - September 10, 2023- Public Review**

September 20, 2023- MPO approval of *Draft List of Project Submittals*

July - September 2023- SPOT Online available for Entering Projects

Late April 2024- Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released

Draft Thoroughfare and Collector Street Plan

Font Size: + - + Share & Bookmark Feedback Print

- **Special Review sessions for TREBIC**
- **March 8 & 9**



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](#).

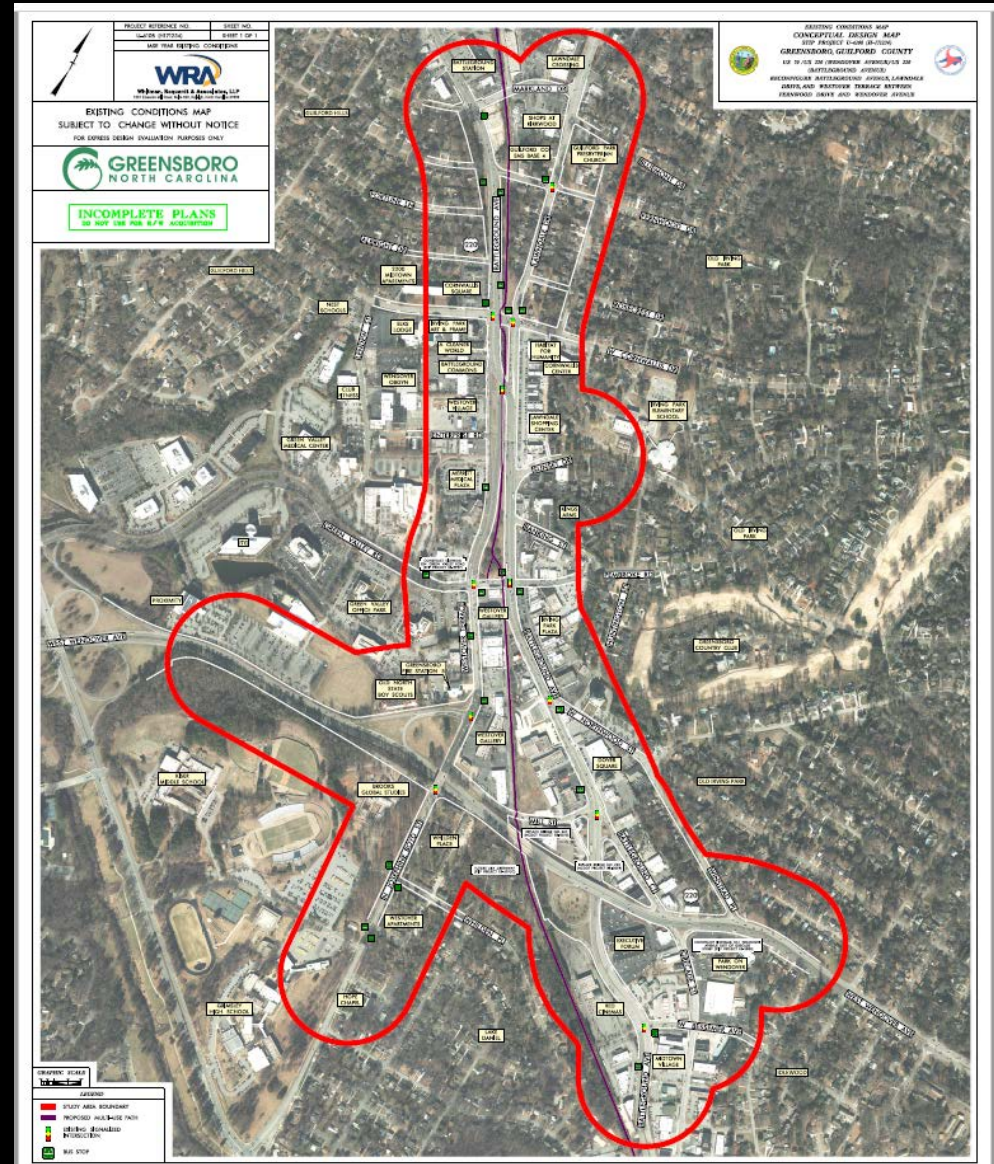
Learn more about the plan, how the City uses it, and how to use the [interactive online tool](#) to submit comments. Call 336-373-4368 for special accommodations.

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
- Revised Public meeting March 27



Funding Update

- Section 5310 funding call for projects pending
- Gearing up for Prioritization 7.0
- Working to refine processes to get LAPP projects moving faster

Section 5310 Call for Projects

Call for Project	3/8 – 4/7/2023
Scan eligibility and score projects	April 10 – 21/2023
Selection of projects by MPO TAC	5/10/2023



Other Items

1. Board Member Updates
2. Regional Updates
3. Wrap up

Next TAC meeting date: May 10 at 2:00 PM

Greensboro Urban Area MPO



**Transportation Advisory Committee
March 15, 2023**