

Greensboro Urban Area MPO

PROGRAM OF PROJECTS FY 2023

Battleground/Lawndale/Westover
Reconfiguration
NCDOT Project U-6108



March 27, 2023



Technical Coordinating Committee
June 20, 2023

Zoom Platform Basics



Attendee Verification

Action Items

June 20, 2023

Action Business Other



Technical Coordinating Committee

Meeting Minutes of March 13, 2023

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

Attendance

Tyler Meyer	<i>ICC Chair</i>	Mark Kirstner	<i>PART</i>
Yuan Zhou	<i>MPO Staff</i>	Jason Geary	<i>GSO E&I</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>
Deniece Conway	<i>MPO Staff</i>	Alex Rotenberry	<i>NCDOT IMD</i>
Hanna Cockburn	<i>GDOT Director</i>	Michael Abuya	<i>NCDOT TPB</i>
Chris Spencer	<i>GDOT/Engineering</i>	Chad Reimakoski	<i>NCDOT Div. 7</i>
Suzette Morales	<i>FHWA</i>	Scott Whitaker	<i>Summerfield</i>
Jeff Sovich	<i>GSO Planning</i>	George Linney	<i>GLA</i>
David Pegg	<i>GLA</i>	Irma Zimmerman	<i>LAMS</i>
Joshua Hoffman	<i>MPO Staff</i>		

MTIP Modification: Statewide Transit Projects

ID #	DESCRIPTION	STATUS	FUNDS	SECTION	FY 2023
TC-0005	Statewide, 5339(b) discretionary grant for facility construction	Current	5339	CST	
			L	CST	
		Change	5339	CST	<u>\$ 3,000,000</u>
			L	CST	<u>\$ 750,000</u>
TC-0008	Statewide, 5339(b) discretionary grant for facility construction	Current	5339	CST	\$ 4,600,000
			L	CST	\$ 1,300,000
		Change	5339	CST	<u>\$ 5,600,000</u>
			L	CST	<u>\$ 1,500,000</u>
TC-0010	Statewide, 5339(b) discretionary grant for facility construction	Current	5339	CST	
			L	CST	
		Change	5339	CST	<u>\$ 4,000,000</u>
			L	CST	<u>\$ 1,000,000</u>

MTIP Amendment: Safety Projects

ID #	DESCRIPTION	STATUS	FUNDS	SECTION	FY 2023	FY 2024
<u>HS-2015DIV*</u>	<u>Statewide, vulnerable road user pedestrian/ bicycle improvement program excluding Grand Strand MPO</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 2,490,000</u>	<u>\$ 2,100,000</u>
<u>HS-2015REG*</u>	<u>Statewide, vulnerable road user pedestrian/ bicycle improvement program excluding Grand Strand MPO</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 2,490,000</u>	<u>\$ 2,100,000</u>
<u>HS-2015SW*</u>	<u>Statewide, vulnerable road user pedestrian/ bicycle improvement program excluding Grand Strand MPO</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 3,320,000</u>	<u>\$ 280,000</u>
<u>HS-2022DIV*</u>	<u>Vulnerable road user pedestrian/ bicycle improvement program</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 300,000</u>	
<u>HS-2022REG*</u>	<u>Vulnerable road user pedestrian/ bicycle improvement program</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 300,000</u>	
<u>HS-2022SW*</u>	<u>Vulnerable road user pedestrian/ bicycle improvement program</u>	Add	<u>VRU</u>	<u>CST</u>	<u>\$ 400,000</u>	

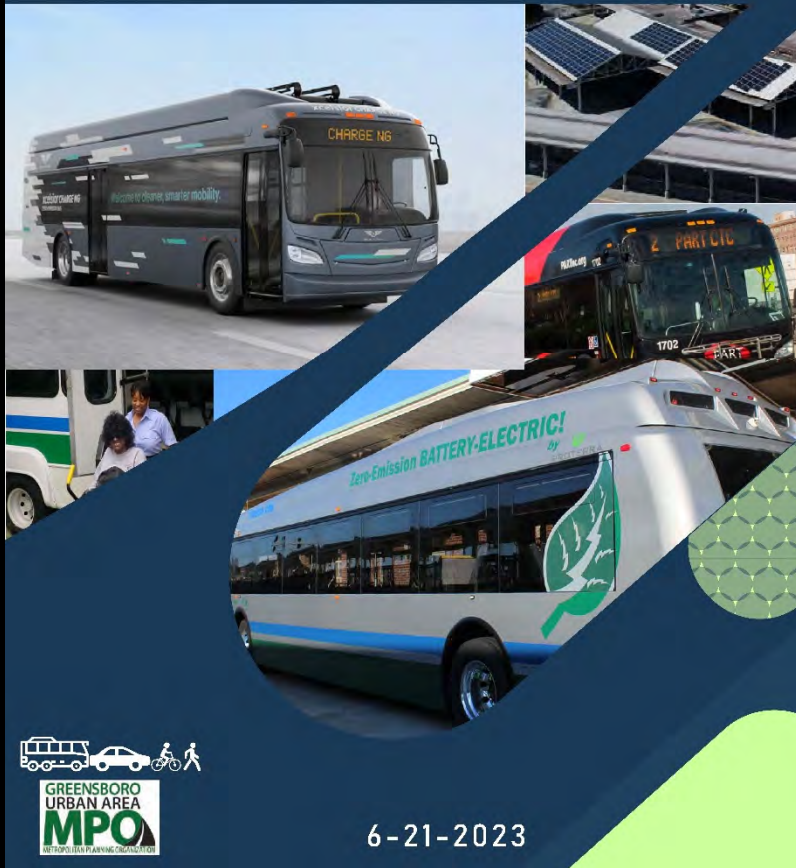
MTIP Amendment & Modification: MPO Area Transit Projects

- Revises FY 2023 to make end of year adjustments
- FY 23 formula funding \$7,580,617 +\$138,054 from FY 22
- Distributes additional funding between existing projects
 - Adds a new project TG-0019 to purchase bus shelters with total funding +\$192,000
 - TA-4767 replacement paratransit buses +\$16,000
 - PART routine capital and operating assistance use prior year balances
 - PART will not use bus and bus facilities funding in FY 2023
 - PART FY 2023 funding increase (\$130,006) will be programmed in FY 2024
- Updates future year funding levels for FY 2024-2029 based on the FY 2023 numbers

FY 2023 Program of Projects

PROGRAM OF PROJECTS

FY 2023



- Accounts for FY 2023 transit grants (year ends 9/30/2023)
 - Covers GTA, PART & TAMS
 - Consistent with MTIP action
- Public comment period 5/9 – 6/8
 - No comments received

Public Hearing

- Comments due by 5PM 6/20
 - No comments submitted yet

Action Business Other

Recommendation: Adopt FY 2023 Program of Projects

FHWA Performance Measures

Summary of FHWA Performance Measures

	Program Area	Measure Area	Performance Measures		
PM1	Highway Safety Improvement Program (HSIP)	Safety performance of all public roads for the purpose of carrying out the HSIP	Number of fatalities		
			Rate of fatalities per 100 million Vehicle Miles Traveled (VMT)		
			Number of serious injuries		
			Rate of serious injuries per 100 million VMT		
			Number of non-motorized fatalities and non-motorized serious injuries		
PM2	National Highway Performance Program (NHPP)	Condition of pavements on the Interstate System	Percentage of pavements of the Interstate System in Good condition Percentage of pavements of the Interstate System in Poor condition		
		Condition of pavements on the non-Interstate NHS	Percentage of pavements of the non-Interstate NHS in Good condition Percentage of pavements of the non-Interstate NHS in Poor condition		
		Condition of bridges on the NHS	Percentage of deck area of NHS bridges classified as in Good condition Percentage of deck area of NHS bridges classified as in Poor condition		
		NHS Travel Time Reliability	Percentage of person-miles traveled on the Interstate that are reliable Percentage of person-miles traveled on the non-Interstate NHS that are reliable		
		National Highway Freight Program	Freight movement on the Interstate System	Truck Travel Time Reliability (TTTR) Index	
		PM3	Congestion Mitigation and Air Quality Improvement Program (CMAQ)	Traffic congestion	Annual Hours of Peak-Hour Excessive Delay (PHED) Per Capita Percent of non-Single Occupancy Vehicle (Non-SOV) Travel
				On-road mobile source emissions	Total Emissions Reduction for applicable criteria pollutants

2023 NDCOT PM2 and PM3 Performance Measure Targets

GUAMPO agrees to plan and program projects that contribute toward the accomplishment of the State's targets for each of the listed performance measures below:

Performance Measure	2023 Target	2025 Target
Interstate Pavement Condition (Good)	60.0%	62.0%
Interstate Pavement Condition (Poor)	1.8%	1.5%
Non-Interstate NHS Pavement Condition (Good)	30.0%	31.0%
Non-Interstate NHS Pavement Condition (Poor)	3.5%	3.0%
NHS Bridge Condition (Good)	38.0%	36.0%
NHS Bridge Condition (Poor)	5.0%	5.0%
Interstate Level of Travel Time Reliability	75.0%	75.0%
Non-Interstate NHS Level of Travel Time Reliability	70.0%	70.0%
Interstate Truck Travel Time Reliability	1.70	1.70

Business Items

June 20, 2023

Action Business Other

Division Engineer Report



Action Business Other

Project Updates: Locally Administered

Recent and Pending Bid Openings

Downtown Greenway, Phase 4 - Contract 2015-0030

Revised plans and specifications have been approved by the NCDOT

Contract was advertised May 11, with a bid opening scheduled for June 29

Work should begin in September 2023 with a completion date of December 2024

Murrow Boulevard Bridge Repairs - Contract 2021-011

Revised plans and specifications have been approved by the NCDOT

Contract was advertised May 25, with a bid opening scheduled for June 29

Work should begin in September 2023 with a completion date of September 2024

Recent and Pending Bid Openings

General Sidewalk Improvements - Contract 2015-104

Revised plans and specifications have been approved by the NCDOT

Waiting on Construction Authorization to bid in July 2023

Contract includes sidewalks on Hornaday Rd., Bridford Pkwy, Big Tree Way, and Hewitt St.

Work should begin in October 2023 with a completion date of September 2024

Davie Street Streetscape - Contract 2018-051A

Revised plans and specifications are under final review

Contract should be advertised in July 2023 with a bid opening in August 2023

Work should begin in October 2023 with a completion date of December 2024

Projects limits are from E. McGee St. to north of E. Friendly Ave.

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 complete

Widening is being installed in areas where utility installations are complete

Paving by late fall, with construction expected to be completed by spring 2024

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 complete

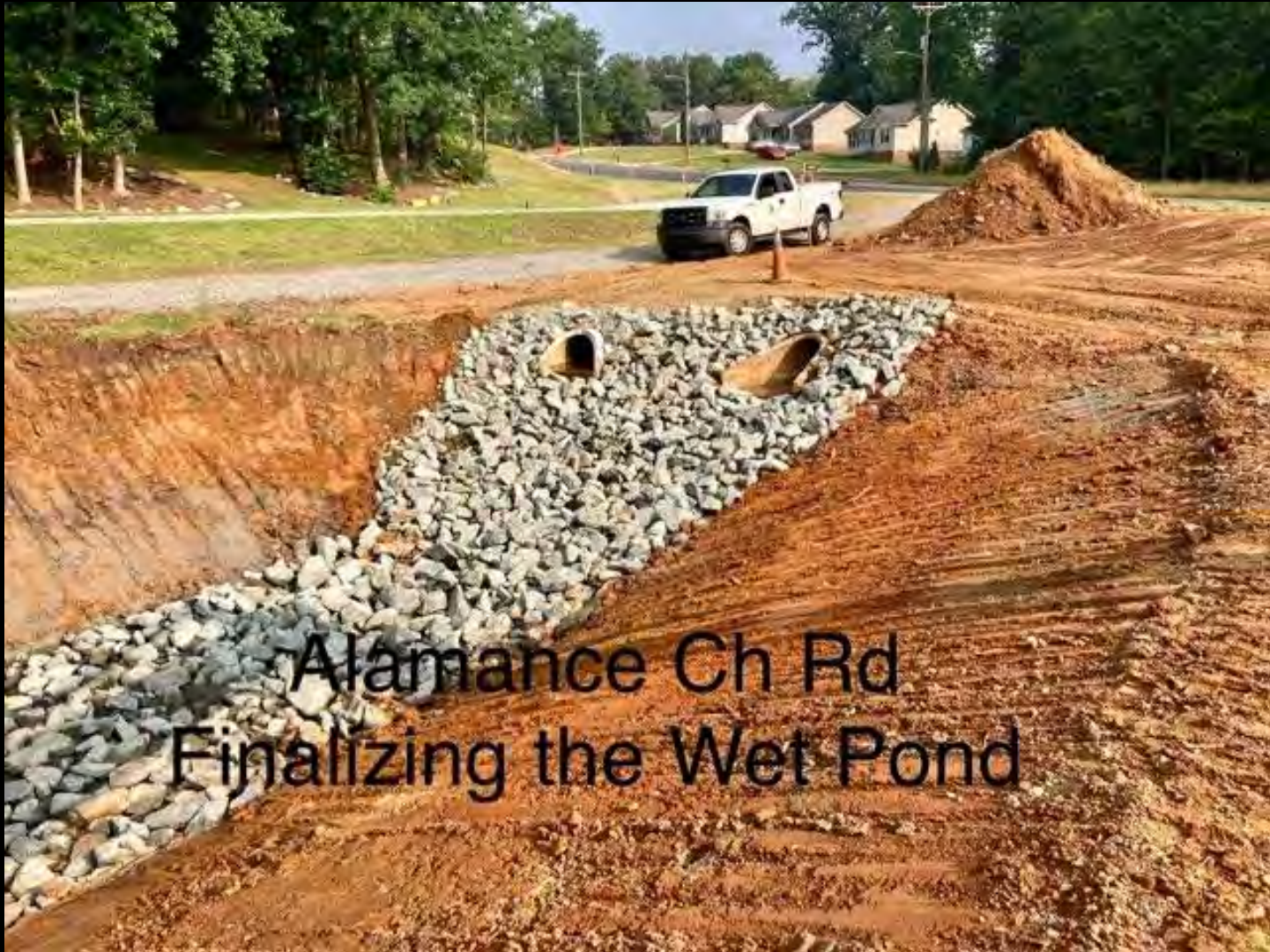
Paving on Bellemeade east is scheduled to begin June 26 to open road that week

Current Construction Projects



Alamance Church Road

Current Construction Projects



Alamance Ch Rd
Finalizing the Wet Pond

Alamance Church Road

Current Construction Projects



Bellemeade Street

Action *Business* *Other*

Current Construction Projects



Bellemeade Street

Action *Business* *Other*

Current Construction Projects

Summit Avenue Streetscape - Contract 2018-0200

Phase 1 is complete except for change order for storm sewer work

Phase 2 utility work is underway with storm, sanitary, and water being installed

Phase 2 streetscape is expected to be complete by September 2023

Greene Street Streetscape - Contract 2018-0480

Storm sewer installation work has begun near Bellemeade Street

Exploratory work is being done now to begin waterline installation

The completion date is approximately December 2024

Projects limits are from Washington St. to Bellemeade St.

Current Construction Projects



Summit Avenue

Action *Business* *Other*

Current Construction Projects



Summit Avenue

Action *Business* *Other*

Current Construction Projects



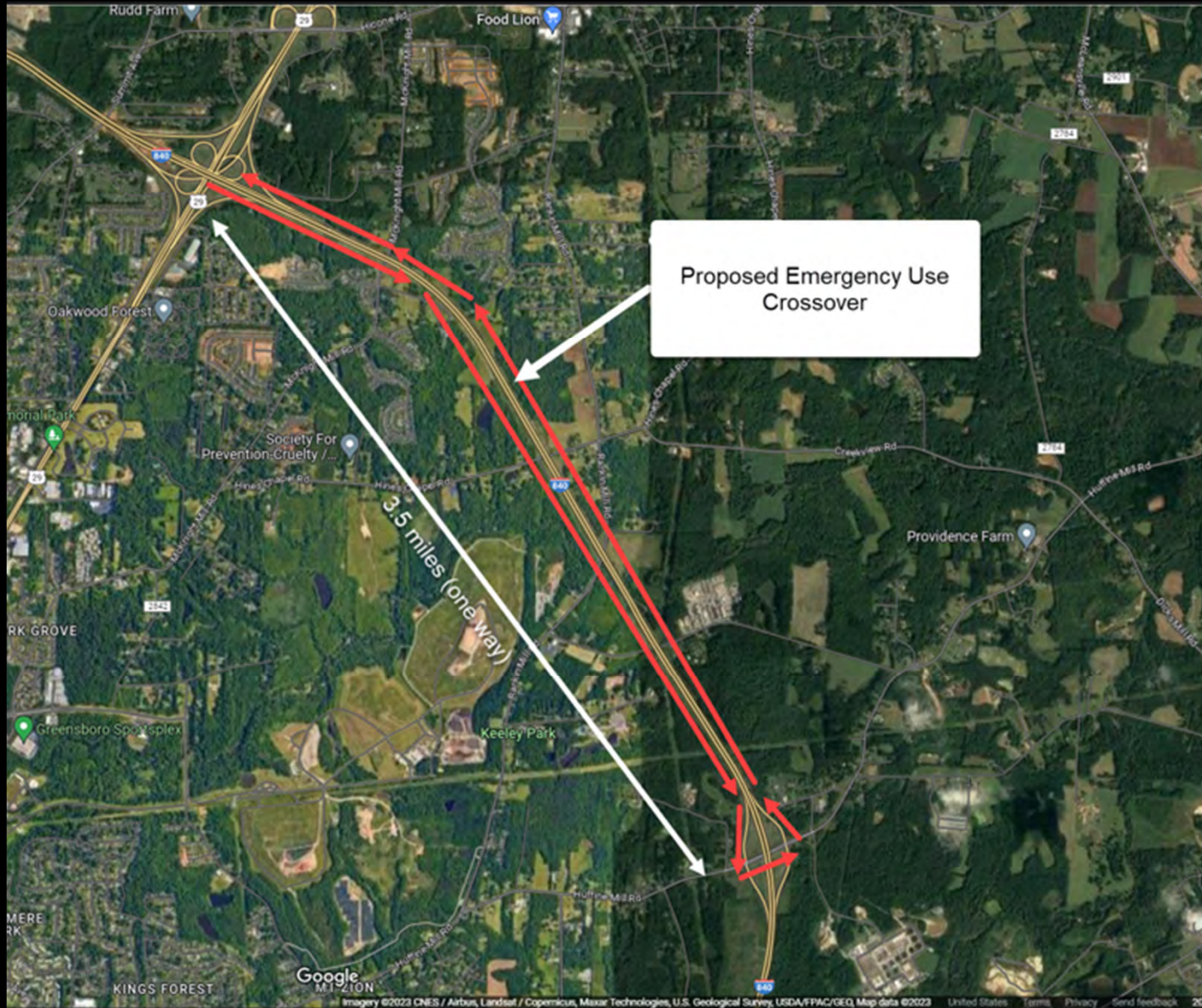
Greene Street

Action *Business* *Other*

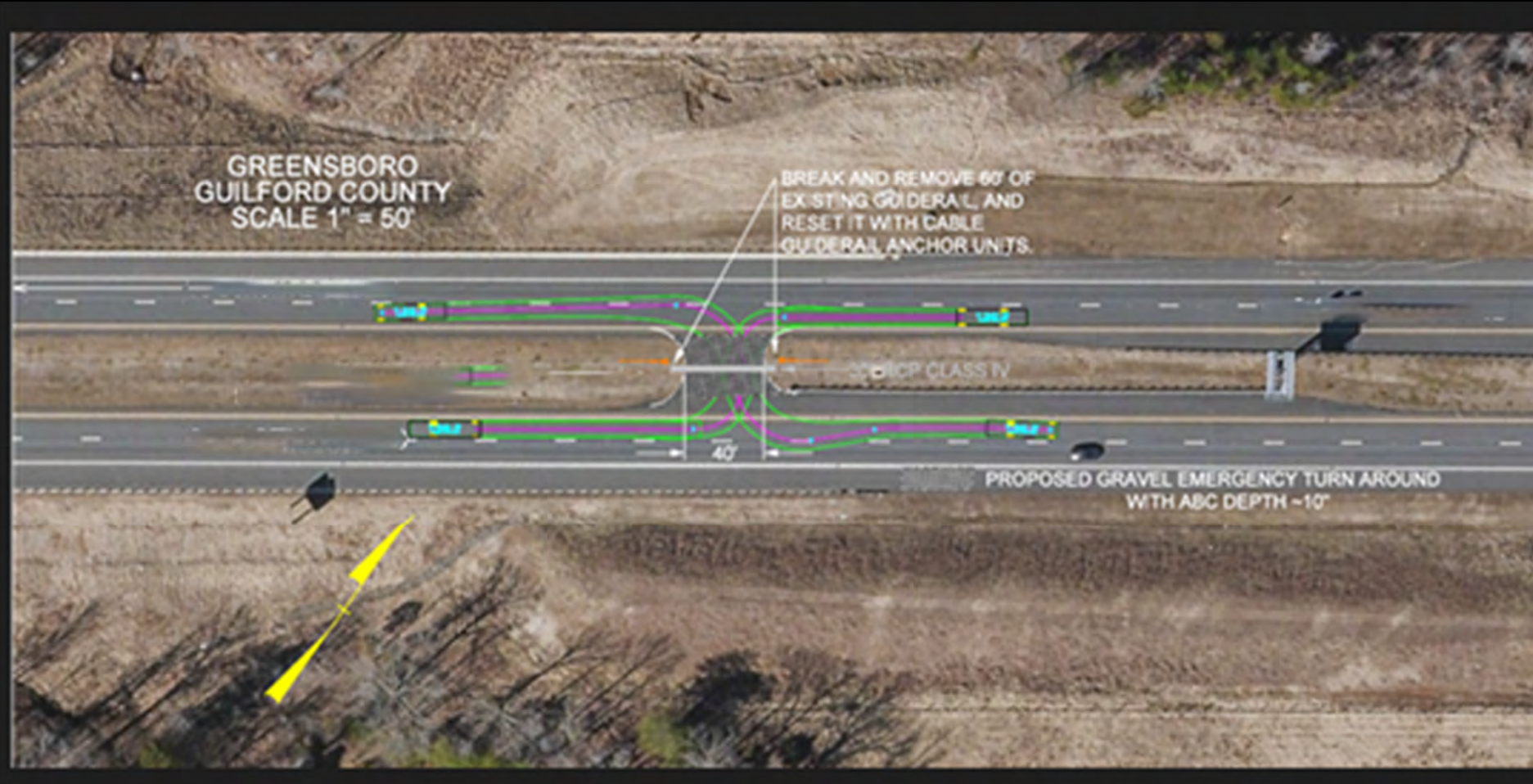
Project Updates: NCDOT

I-785 / I-840 Emergency Crossover

- 2,150 ft. north of Hines Chapel Road
- Construction in Fall 2023



I-785 / I-840 Emergency Crossover



Example recent installation on I-73

US 29 Safety Projects



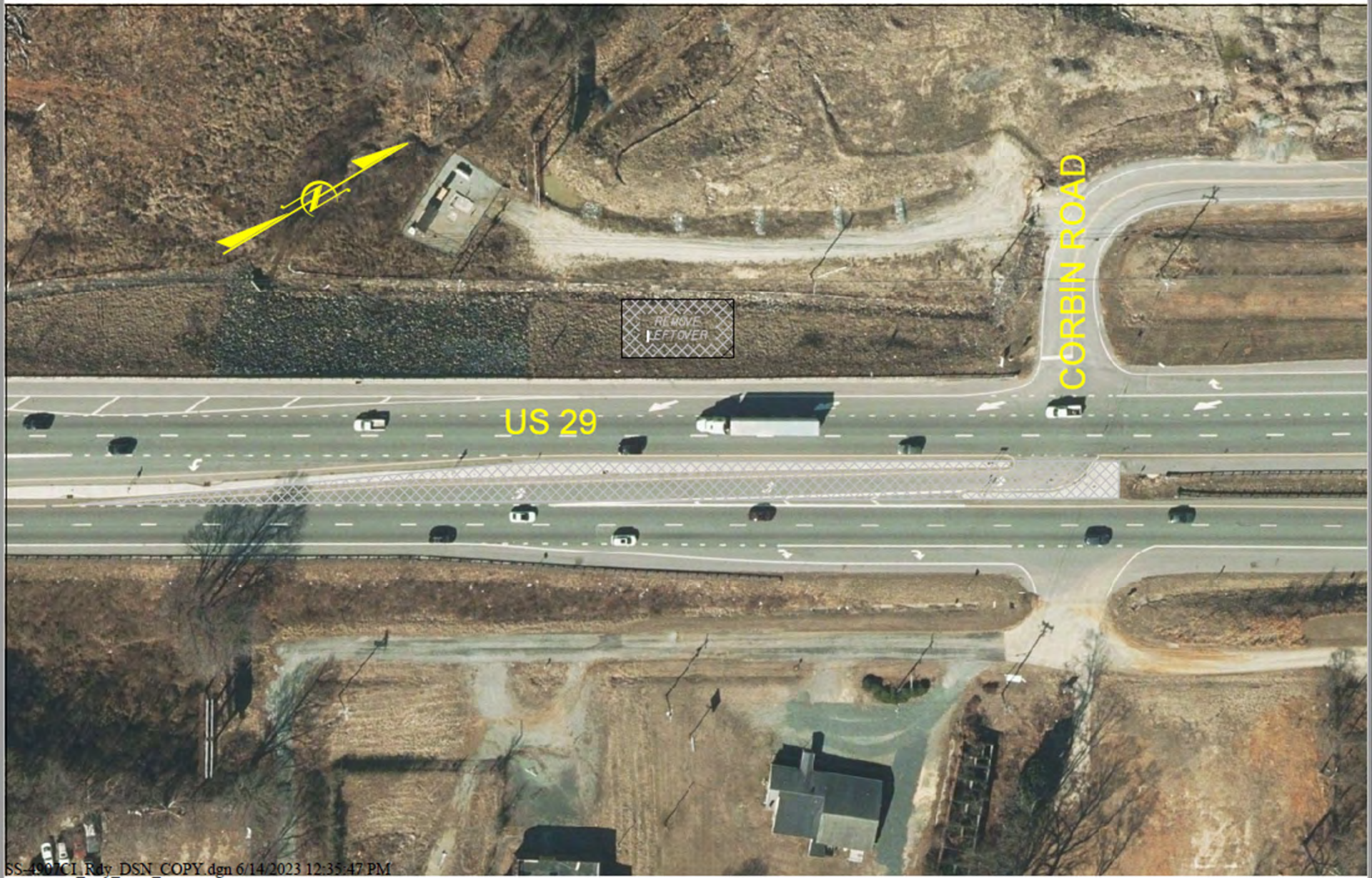
REMOVE
LEFTOVER

US 29

JOE BROWN DRIVE







NCDOT Project R-5823 NC 68 NC 65

- Project R-5823 was submitted in P4 (regional impact) in SPOT by GUAMPO
- Currently (funding status STI prioritization division needs CST FY 2026)
- Current TIP description

NC 65 / NC 68	NCDOT	NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE I-73. WIDEN TO MULTI-LANES.	HIGHWAY
---------------	-------	--	---------

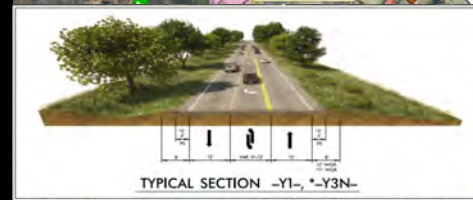
- NDOT proposes to change the scope because
 - Future traffic forecasts indicate multilane widening note needed
 - Proposed treatments would address speeding and crash problems on the corridor
- NCDOT would take out for public input later in 2023

• *Action* *Business*

Other

NCDOT Project R-5823 NC 68 NC 65

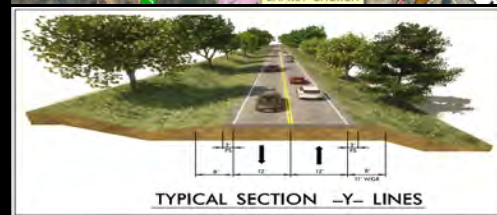
- Roll 1 of 3 – NC 65 (Belews Creek Rd) and Ellisboro Rd
- Existing condition
- Proposed improvements - Alternate



• Action Business
Other

NCDOT Project R-5823 NC 68 NC 65

- Roll 1 of 3 – NC 65 (Belews Creek Rd) and Ellisboro Rd
- Existing condition
- Proposed improvements - Alternate



• Action Business
Other

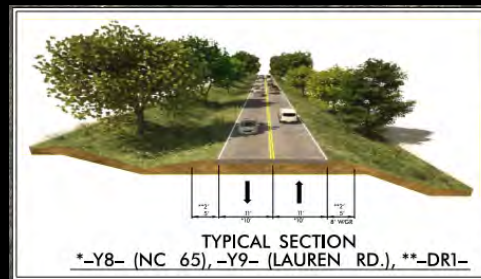
NCDOT Project R-5823 NC 68 NC 65

•Roll 2 of 3 – NC 68/NC 65 divergence and Lauren Rd

•Existing condition



•Proposed



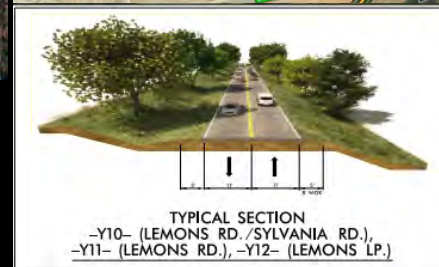
•Action Business
Other

NCDOT Project R-5823 NC 68 NC 65

•Roll 3 of 3 - NC 68 and Lemons Loop (S)/Sylvania Rd

•Existing condition

•Proposed improvements



•Action
Other

Business

Public Meeting Summer 2023

NCDOT Project R-5823 NC 68 NC 65

- **Staff recommendations**
 - NCDOT pursue the concept as shown
 - Incorporate paved shoulders for improved roadway safety
 - Evaluate and incorporate additional comments as appropriate
- **TCC & TAC reactions / feedback requested**

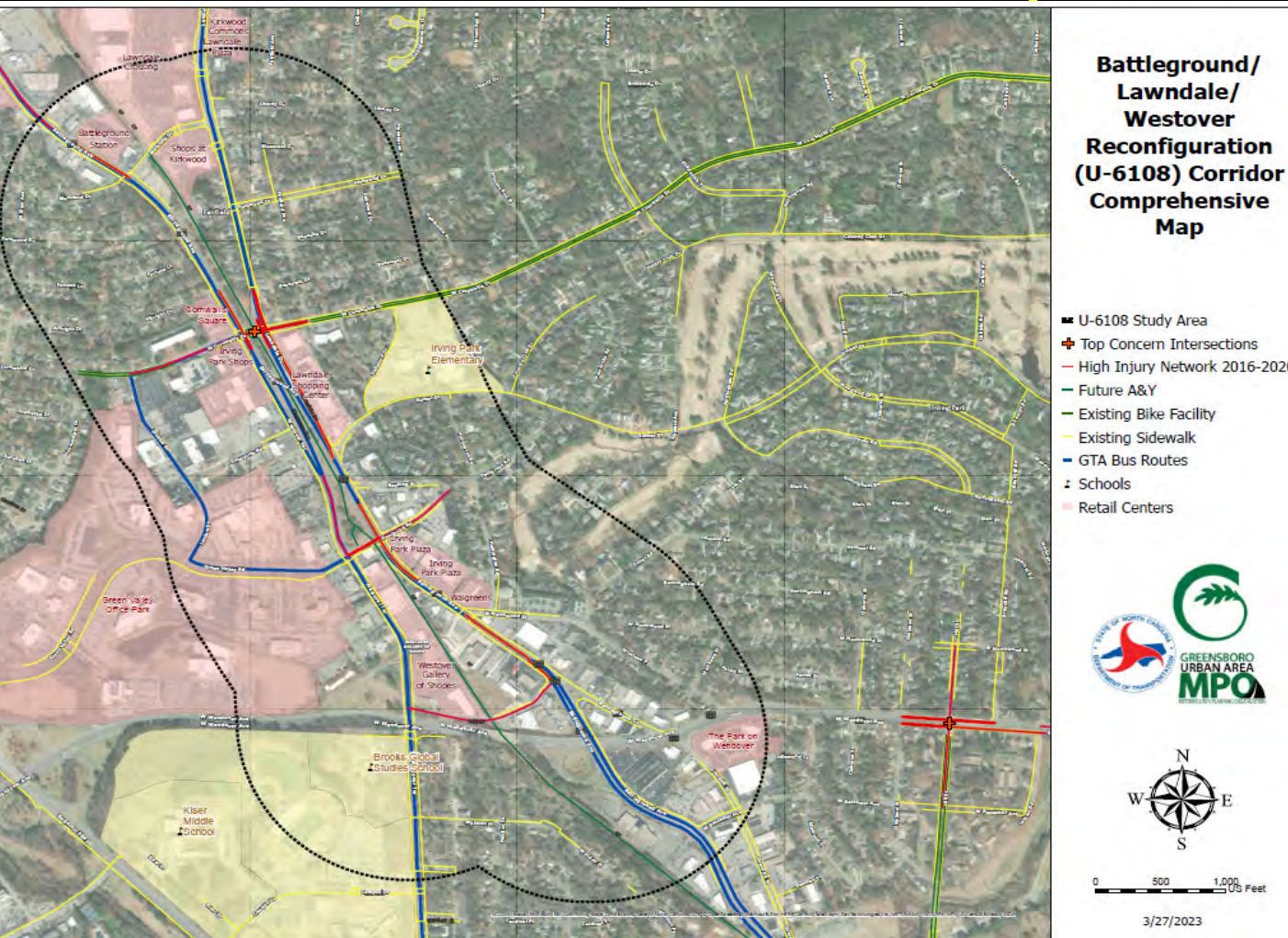
• *Action* *Business*
Other

U-6108: Battleground (US220)/ Lawndale Reconfiguration



- Early public engagement
- Public Input for corridor between Wendover Ave. and Fernwood Dr.
- Received 350 comments from diverse users
- Funded for Preliminary Engineering only: P7.0 carryover project

U-6108: Battleground (US220)/ Lawndale Corridor Project



Project Scope:

Improve traffic mobility and safety while increasing multi-modal options

Includes routing of the A&Y Greenway through the corridor.

U-6108: Battleground (US220)/ Lawndale Corridor Project

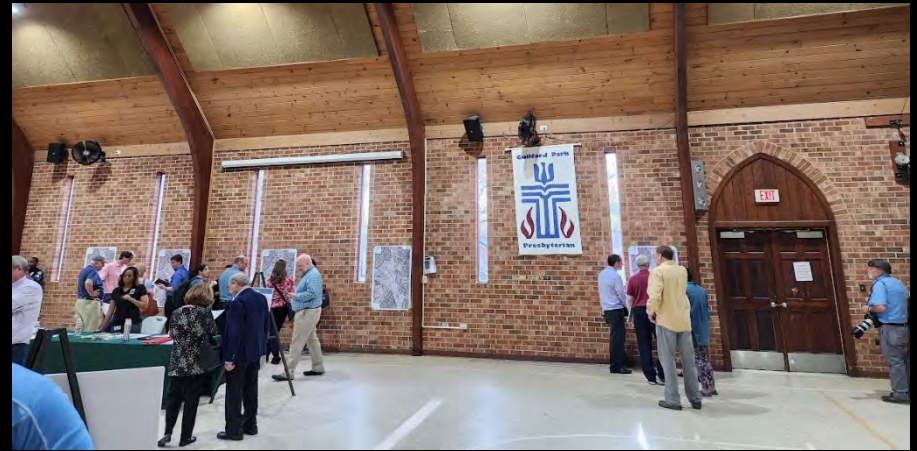
- Public Engagement Efforts:
 - ✓ Billboard Advertising
 - ✓ Online Survey
 - ✓ Public Meeting



U-6108: Battleground (US220)/ Lawndale Corridor Project

Public Engagement focused on:

- Major Goals for the Corridor
- Identifying Concerns and Improvements
- Mapping Concerns and Improvements



U-6108: Battleground (US220)/ Lawndale Corridor Project

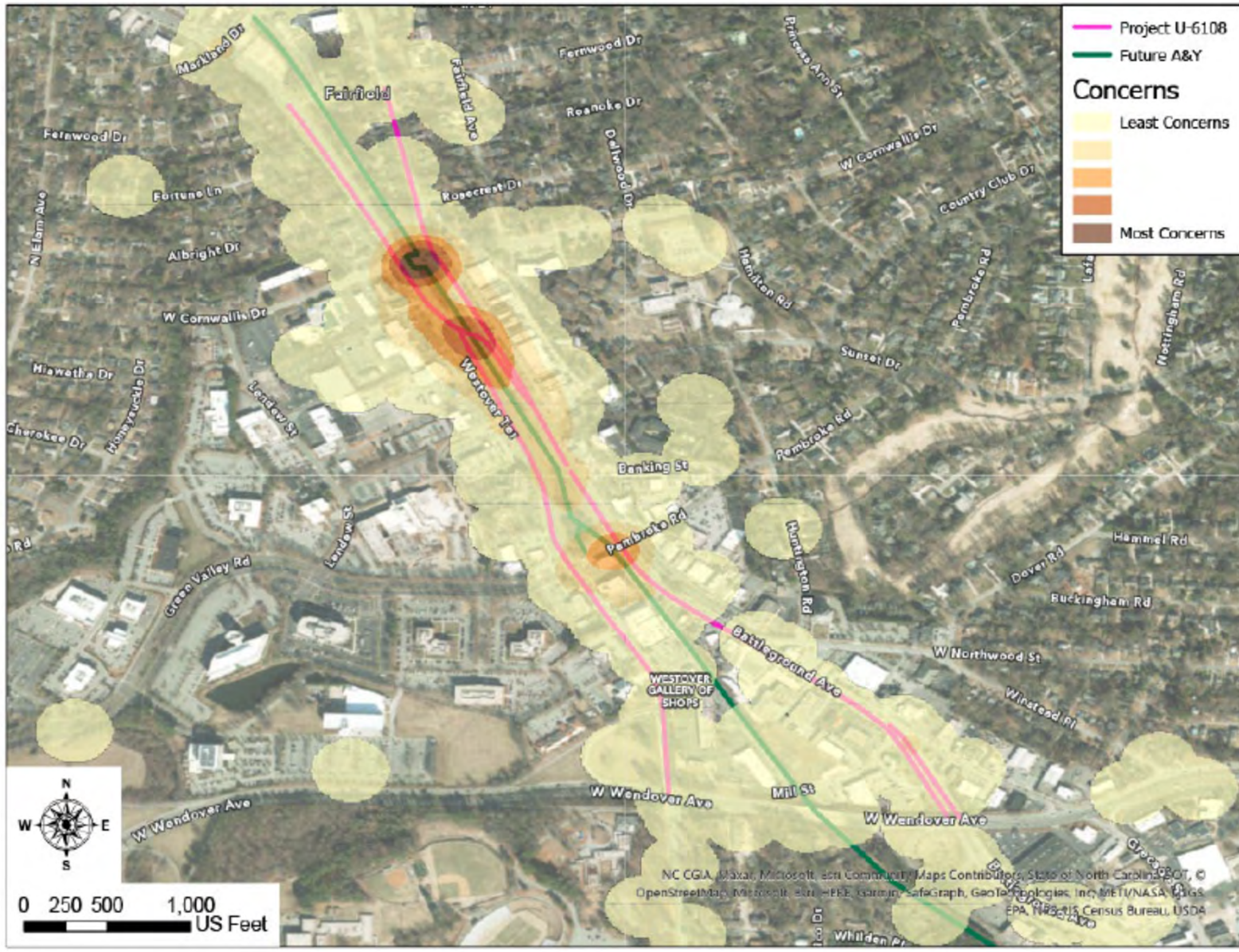
Priority Goals:

- ✓ Reduce Crashes/Improve Safety
- ✓ Improve Traffic Flow
- ✓ Bicycle & Pedestrian Connectivity
- ✓ Destination Access
- ✓ Transit Access

Comments:

- ❖ Reconfigure/ Eliminate Intersections
- ❖ Slow traffic/ manage turning movements
- ❖ Safe BiPed Connectivity
- ❖ Simplify the Corridor
- ❖ Dedicated Bus Lanes

*Multi-modal Features *Property Access/ Impacts *Safety Issues *Traffic Operations *Other Ideas



Action

NC CGIA, Maxar, Microsoft, Esri Contributor, Maps Contributors, State of North Carolina, © OpenStreetMap contributors, Imagery © Mapbox, © HERE, Garmin, Swatchday, Geopar Systems, Inc, METI/NASA, Swis EPA, NPS, US Census Bureau, USDA

Strategic Reports

Action Business Other

FY 2024-2033 TIP

★ ★ Fifty Years of STIP • Since 1973 ★ ★



STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) Prologue



2024 - 2033

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Table 3: Prioritization 7.0 Timeframe

Phase I: Identify Candidate Projects	Dates
MPO call for projects*	May-July 10, 2023
MPO Evaluation of Candidate Projects	July- August 2023
MPO Review of Candidate Projects	August 9, 2023
Public Review	Aug. 10-Sept. 10, 2023
MPO Approval of Identified Projects	September 20, 2023
MPO Submittal to NCDOT	September 29, 2023
NCDOT Evaluation and Scoring of Projects	October 2023- March 2024
Release of P7.0 Quantitative Scores & Draft Funded Statewide Projects	Late April 2024
Phase II: Assign Points & Final Rankings	Dates
MPO Analysis and Local Input Points	May-July 2024
MPO Priority Project List	May 2024
Public Review (including Local Input Points)	May 13-June 13, 2024
MPO Approval of Regional & Division Tier projects	June 2024
MPO Submittal of Regional Projects to NCDOT	July 2024
Draft Programmed Regional Projects	Late August 2024
MPO Submittal of Division Project to NCDOT	November 2024
2026-2035 Draft STIP Released	February 2025

Highway Projects Submittal Form

Prioritization 7.0 - FY 2026-2035 STIP
Greensboro Urban Area MPO

Project Route/Name/Title: _____

Project Sponsor: _____

Indicate Project Type: _____

Project From / To Cross Street: _____

Project Description and Problem Statement:

Please describe the proposed highway project you are submitting for P7.0 evaluation. What problems (congestion, safety, access, etc.) would the project address or improve?

How would this project improve the problem?

How would this project address or solve the problem? Reference evaluations, studies, or plans as needed.

Project Priority:

Please rank the priority of this project relative to other roadway projects you are submitting, if any (e.g. 1,2,3).

Priority _____

Bicycle & Pedestrian Project Submittal Form

Prioritization 7.0 - FY 2026-2035 STIP
Greensboro Urban Area MPO

Project Title / Route Name: _____

Submitting Jurisdiction: _____

Project From / To Cross Street: _____

Project Description and Problem Statement:

Please provide a general description of the proposed project. What problems will this project will address or improve?

Community Connections:

Please describe the connections the project will build between populations, business areas, parks, schools, services, amenities, or opportunities.

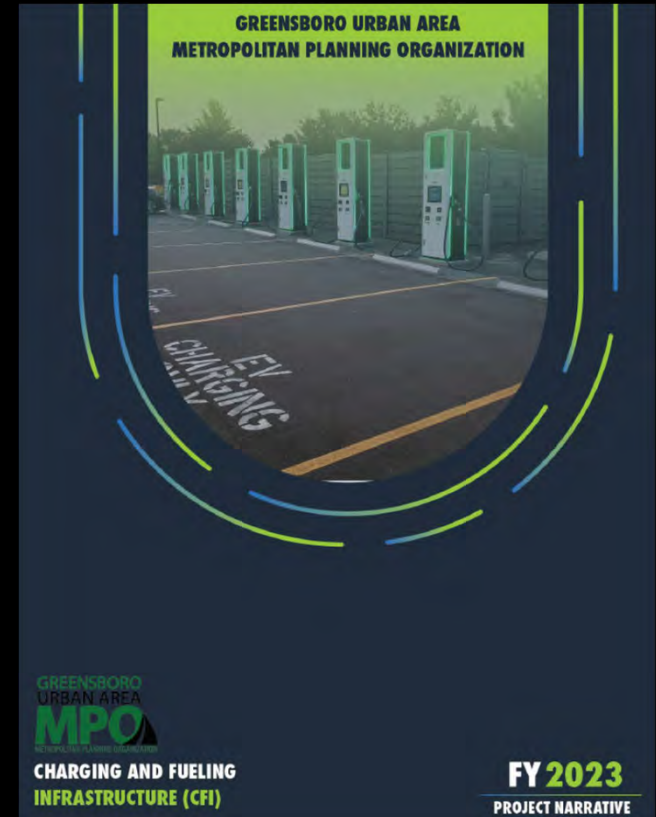
Right of Way:

Right of Way Required: Yes No Unsure (Note: ROW cost can be included in the project cost)

Right of Way has been Acquired: Yes No If yes, what % has been acquired? _____

Charging and Fueling Infrastructure Discretionary Grant

- Grant Application submitted 6/13
- Requests \$500,000 to:
 - ✓ Conduct Feasibility Site Analysis for installation of charging stations at public sites
 - ✓ Replace existing charging stations to bring up to current technology



Upcoming Focus Areas

- PART travel model update in early stages
 - Locals handling socioeconomic data assignment
 - Developing land use scenarios for future evaluation
- Complete review/ planning work & initiate Safe Streets for All grant agreement with USDOT
 - Initiate project later this year, timing tbd
- Complete scoping for the Downtown Transportation Plan & Study
 - Initiate project later this Summer
- City of Greensboro SRTS agreement by fall
 - Consultant prepared materials will support initiative

Other Items

1. Member Updates
2. Wrap up

Next TCC meeting date: August 7 at 2:00 PM

Greensboro Urban Area MPO

PROGRAM OF PROJECTS FY 2023

Battleground/Lawndale/Westover
Reconfiguration
NCDOT Project U-6108



March 27, 2023



Technical Coordinating Committee
June 20, 2023