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Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that pro-actively drive transportation decisions to improve safety, connectivity, economic development and quality of life in the Wilmington region.

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: September 5, 2024
SUBJECT: September 11th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee (TCC) will be held on Wednesday, September 11, 2024, at 10:00 am. This meeting will be held in the Skyline Center Conference Room 154C located at 929 North Front Street in downtown Wilmington. Members of the public, TCC Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. The meeting will be streamed live online so that simultaneous live audio, and video, if any, of the meeting is available at the following URL:

<https://us06web.zoom.us/j/83670038677>

Simultaneous live audio of the meeting is also available via audio conference at the following dial in numbers: 301 715 8592 or 305 224 1968.

Meeting ID: 836 7003 8677

Please join the meeting in person or from your computer, tablet, or smartphone.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentations
 - a. Get There Greener/Bike to Work Day- Carolyn Caggia, WMPO
 - b. Wrightsville Beach Bicycle and Pedestrian Plan- Katie Ryan, Town of Wrightsville Beach
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- August 14, 2024
 - b. Resolution approving 2024-2033 STIP/MPO Amendment #24-4
 - c. Opening of the 30-day public comment period for 2024-2033 STIP/MPO Amendment #24-5
 - d. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-8

Wilmington Urban Area Metropolitan Planning Organization

City of Wilmington • Town of Carolina Beach • Town of Kure Beach • Town of Wrightsville Beach
County of New Hanover • Town of Belville • Town of Leland • Town of Navassa • County of Brunswick
County of Pender • Cape Fear Public Transportation Authority • North Carolina Department of Transportation

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- e. Resolution authorizing the Chairman to enter into an agreement with the City of Wilmington and Cape Fear Public Transportation Authority for FY 25 Section 5303 Funding
 - f. Resolution adopting the Wrightsville Beach Bicycle and Pedestrian Plan
 - 5) Regular Agenda
 - a. Resolution approving Amendment #2 to the FY 25 Unified Planning Work Program
 - b. Resolution supporting the City of Wilmington's application for the United States Department of Transportation's Small Bridge Grant Program
 - 6) Discussion
 - a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-9
 - 7) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division 3
 - d. NCDOT Integrated Mobility Division
 - e. NCDOT Transportation Planning Division
 - 8) Announcements
 - a. Brunswick Heritage Riverside Ride- September 28, 2024
 - b. WMPO Bicycle and Pedestrian Committee- October 8, 2024
 - 9) Next meeting-October 16, 2024

Attachments:

- TCC Meeting Minutes- August 14, 2024
- Proposed 2024-2033 STIP/MPO Amendment #24-4
- Resolution approving 2024-2033 STIP/MPO Amendment #24-4
- Proposed 2024-2033 STIP/MPO Amendment #24-5
- Proposed 2024-2033 STIP/MPO Administrative Modifications #24-8
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-8
- Draft Agreement between WMPO, City of Wilmington and Cape Fear Public Transportation Authority for FY 25 Section 5303 Funding
- Resolution authorizing the Chairman to enter into an agreement with the City of Wilmington and Cape Fear Public Transportation Authority for FY 25 Section 5303 Funding
- <https://www.wmpo.org/wp-content/uploads/2024/07/Wrightsville-Beach-Bicycle-and-Pedestrian-Plan-Adopted-6.13.24.pdf>
- Resolution adopting the Wrightsville Beach Bicycle and Pedestrian Plan
- Proposed FY 25 Unified Planning Work Program Amendment #2
- Resolution approving Amendment #2 to the FY 25 Unified Planning Work Program
- Resolution supporting the City of Wilmington's application for the United States Department of Transportation's Small Bridge Grant Program
- Proposed 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-9
- Wilmington Urban Area MPO Update (September)
- Cape Fear Public Transportation Authority Update (September)
- NCDOT Division Project Update (September)
- NCDOT Transportation Planning Division Project Update (September)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, August 14 2024,
Remote Meeting Minutes**

Members Present in Person

Mike Kozlosky, TCC Chairman, WMPO
Carolyn Caggia, WMPO
Michelle Howes, NCDOT
Sam Boswell, Cape Fear Council of
Governments
Karlene Ellis Vitalis, New Hanover County

Members Absent

Michelyn Alston, Town of Navassa
Robert O'Quinn, Town of Wrightsville Beach
Stephanie Ayers, NC State Ports Authority

Others Present In-Person

Tera Cline, WMPO
Abby Lorenzo, WMPO
Greer Shivers, WMPO
Beth King, WMPO
Regina Hopkins, WMPO
Trevor Carroll, NCDOT

Members Present Remote

Adam Moran, Pender County
Helen Bunch, Brunswick County
Granseur Dick, Wilmington International
Airport
Mark Hairr, Cape Fear Public
Transportation Authority
Adrienne Harrington, Town of Belville
Jeremy Hardison, Town of Carolina Beach
Amanda Killian, NCDOT
Denys Vielkanowitz, City of Wilmington
Julian Griffiee, Town of Leland
Mandy Sander, Town of Kure Beach

Others Present Remote

Andrew Ooms, Kittelson
Nicholas Morrison, FHWA
Cheryl Hannah, HDR
Maksym Bezruchko, NCDOT

1) Call to Order

Chairman Mike Kozlosky called the meeting of the Technical Coordinating Committee to order at 10:01 a.m., confirmed a quorum was present, and called the roll as follows:

Present In Person: Mike Kozlosky, Michelle Howes, Sam Boswell, Carolyn Caggia, and Karlene Ellis Vitalis.

Present Remotely Adam Moran, Helen Bunch, Granseur Dick, Mark Hairr, Adrienne Harrington, Jeremy Hardison, Amanda Killian and Deny Vielkanowitz, Julian Griffiee, Mandy Sander. **Absent:** Michelyn Alston, Robert O'Quinn, and Stephanie Ayers.

2) Approval of Agenda

Mark Hairr made a motion to approve the agenda, seconded by Karlene Ellis Vitalis and the motion carried unanimously

3) Presentations

a. NCDOT Division 3 Update-Trevor Carroll P.E., NCDOT

Trevor Carroll acknowledged Chad Kimes and Landon Zimmer and gave a quick overview of Division 3. He noted that the division covers 6 counties: Brunswick, Onslow, Duplin, Pender, New Hanover and Sampson. He mentioned the number of bridges, rest areas, and road miles that Division 3 is responsible for.

Mr. Carroll presented the Prioritization timeline (P7.0). This timeframe is for regional impact points, those collective input point assignments. He stated that there are 3 tiers of projects. Statewide tier, Regional Tier, and Division Tier. All projects are scored for all these tiers, meaning if a project does not score well at the State level it may score at the regional level and so on. He presented an interactive map, outlining the WMPO area and projects included in that area. He stated that you can click on the dots, and it will give you details about each one of the projects.

He then presented the following projects in development.

- U-6202- Gordon Road widening is scheduled for later this fall. NCDOT is working through some utility conflicts that could potentially impact the exact letting date. The letting date is currently scheduled for September and once those challenges are resolved another update can be given to the exact timeframe. He showed a current picture of Gordon Road and then a drawing of the widening project. It consists of building a separated road with a multi-use path with 5-foot sidewalks. Mr. Carroll noted he will gather more details on any structures affected by the widening and share this information with the Board. He stated that contact has been made with the homeowners and processes are being established to move forward with the project. More information will be provided once the project moves from development to construction.
- U-5792- College Road from US 17 (Market Street) to SR 2048 (Gordon Road).
He presented a concept drawing of the bridge that will be constructed going over Martin Luther King Jr. Parkway from College Road. The timeframe is fiscal year 2025 (Right of Way) and construction year 2028 for the price of \$137 million.
- U-5881- NC 132 (North College) from SR 2048 (New Centre Dr) to Market Street. This project is currently still in the planning process and continued development with a price tag around \$40.5 million. Once development and a timeframe are established a more detailed update will be provided.
- U-4902C- Market Street at Eastwood Road. The current right-of-way date is fiscal year 2028 and a construction date of 2030 with a price of \$112 million.
- HB-0040- Replacement of bridges on US 74 (Salisbury Street) and US 76 (Causeway Drive) in Wrightsville Beach. Right-of-way date is 2025 and construction is planned for 2028. The three bridges will be phased and built under the same project. NCDOT is seeking alternative delivery methods for this project to accelerate the timeframe due to a lot of challenges with traffic flow and foundation installation. These construction methods passed through the General Assembly, but Mr. Carroll noted it has not been assigned to a Construction Manager/General Contractor (CMGC) slot yet. These bridges have low clearance, and the goal of this project is to raise the grade of these structures between a 4–6-foot in elevation and utilizing fiber reinforcing for the bridges. Currently, carbon steel is being used in the reinforcing strands. This has contributed to the accelerated deterioration of the bridges.

- U-5710- Military Cutoff at Eastwood Road. The current right-of-way date is 2023 and planned construction date is 2026 with a price of around \$75 million.
- U-3338C Kerr Avenue at Martin Luther King Jr Parkway. The purchase of some right-of-way has been done for this project. The planned construction date is 2028 with a cost around \$27 million.
- U-5954- Castle Hayne Road at N. 23rd Street roundabout. Its cost is around \$7 million and the planned construction year of 2027.
- F032023-J- N 23rd Street widening at the intersection and entrance to Wilmington International Airport. The current price is \$3.5 million dollars, and the right-of-way and contract times are still to be determined. NCDOT does believe that the utility and right-of-way impacts will be minimal and are working through those details.
- U-5731- US 74 at US 17/US 421 is the interchange north of the battleship. The planned construction date is 2029 with a cost around \$54.5 million dollars.
- U-6199- Wilmington Citywide Signal System. The planned construction is 2030. There is minimal right-of way impacts regarding where these new signals will be installed. The cost is around \$60.5 million dollars.
- U-5790- US 421 (Carolina Beach Road) widened from NC 132 (College Road) down to SR 1187 (Sanders Road) with a continuous flow interstation. The plan is to start construction in FY 2029 with a cost of \$35 million dollars.
- U-4434- Independence Blvd Extension. The draft environmental impact study has been completed and is being reviewed. When approval of the impact study is verified the next step with this project will be public comment this fall. The construction timeframe is 2031 with a cost of \$200.4 million. These times are based on the approval of the impact study.
- U-5704- NC 132 (College Road) and US 17/76 (Oleander Drive Interchange) is currently in project design only. NCDOT is looking at different designs and waiting on most recent traffic forecast will impact the project.
- R-3300A/B/U-5732-Hampstead Bypass A. The right-of-way for this project started back in 2018 and the department is looking to start construction in fiscal year 2026. The B portion is under construction already. Cost for section A is \$228 million.

Mr. Carroll then presented projects that are under construction at this time:

- R-3300A/B Hampstead Bypass B section. The overall project is 45% complete with detours on Hoover Road, NC 210 and Holiday Drive. Six of eight culverts have been completed and structures on NC 210 and Hoover Road have been started. He showed some updated construction photos showing the progress of the project.
- U-5914-NC 133 at US 17/US 74/US 76 to SR 1554 (Old River Road) is expected to be completed in the next few weeks.
- U-5710A Drysdale Extension is expected to be open this fall. The contractor has been doing a great job staying on timeframe.

- U-4902D Market Street is anticipated to be completed spring 2025.

Mr. Carroll then moved onto future projects that have yet to be funded.

He presented some background information on the Cape Fear Memorial Bridge Replacement project. He stated the project has been moving forward since 2020. During that time and now, the MPO Board voted to score the project as a toll project and a grant has been awarded. There are also two other grants that are out there for review. He then presented the three main options that are being considered at this time. The first being a 65-foot moveable span this comes with a high cost to build and maintain. The second option, 135-foot fixed span. The third and final option is 100-foot+/-35-foot fixed span to be determined by USACE 408 Section and the USCG. Based on the NCDOT STIP and the Large Bridge Grant the remaining fund source amount is around \$157 million. This is where the other two grant options will become a valuable option. He shared the feasibility study results showing 6-lane median- divided facility, multi-use path, and 12-foot outside shoulders.

b. Cape Fear Memorial Bridge Closure Alternative Transportation Survey Results, Carolyn Caggia, WMPO

Ms. Caggia stated the preservation project replaced the grid deck and support beams underneath the deck to extend the life of the bridge. Eastbound lane closures started January 29, 2024, through March 31, 2024, and the Westbound Lane closures lasted April 8, 2024, through May 8, 2024. The WMPO began outreach in November 2023 to member jurisdictions and to some major local and regional employers to advise them of the project.

Teleworking, alternative work schedules, carpooling, public transportation, bicycling and walking were Travel Demand Modal (TDM) strategies promoted with assistance from the GO Coast program also offering personalized commuter plans.

Ms. Caggia stated that in January, Wave Transit and the WMPO submitted a joint funding request to NCDOT's Integrated Mobility Division (IMD) for shuttles and communications to assist with congestion mitigation during the project. NCDOT agreed to provide up to \$500,000 for the expansion of RideMICRO service in Zone 1, an additional vehicle, expanded service hours, and marketing for RideMICRO and TDM strategies.

She then noted the marketing channels used such as digital billboards, google search ads, social media posts and local media advertising. The number of advertising hits were substantial with digital ad impressions hits at 98,119 and video ad impression at 146,250, Google ad impressions at 1,640, and social media ad reach at 64,330.

Ms. Caggia stated that the marketing effort was a big part of the increase in RideMICRO numbers during the closures.

The survey was opened in May, and it received 366 responses. The first question was where the respondents were from. The largest response was from Brunswick County and as far south as South Carolina. The next question was did respondents utilize any detours during the project. 210 respondents said yes, they changed their route to avoid traffic, 108 respondents stated they used NCDOT -signed detours, and 45 respondents stated they stuck to their regular route. Respondents were asked if they utilized alternative transportation during the closures. Most respondents stated they drove alone in their personal vehicles, 37 respondents stated they drove alone but were interested in utilizing alternative transportation, and 21 respondents stated they used alternative transportation at some point during the project. The follow up question was why respondents that were interested in alternative transportation did not utilize it. Out of 35 responses to this question, 34% said transit hours did not work for them, 34% said that they had no access to transit or RideMICRO in their area, 14% needed additional support to try a new option, 40% stated they could not work remotely, 34% stated they could not walk or bicycle in their area, 29% stated they could not shift work hours, and 23% stated they could not find a carpool partner, and 23% answered with other.

Ms. Caggia then noted the results of the survey for people who did utilize alternative transportation, what mode did they use. 21 respondents answered this question with 66% stating teleworking and 52% used an alternative work schedule. Then respondents were asked if they utilized alternative transportation for the first time during this project. 25% said yes, 45% said no but it was the first time in a while and 30% stated they have regular experience with alternative transportation.

She then presented the results of the question, what made you decide to use alternative transportation during the project, or what supported your decision. Advertisement and employer encouragement/support and saving time were some of the answers. She then noted how many respondents saw or heard any of the marketing advertisings.

Ms. Caggia stated that the biggest take aways from the survey information was digital billboards, TV advertising, and social media ads were most effective. Teleworking/alternative work schedules were most used. Opportunities for Go Coast included reaching employers who cannot offer teleworking with other TDM strategies and promoting personalized commuter plans. The data from the survey will also be used for the TDM short-range plan update.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes- June 12, 2024
- b. Approval of TCC/WMPO Board Joint Special Meeting Minutes-June 26, 2024
- c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-7

Granseur Dick made a motion to approve the consent agenda; Helen Bunch seconded it. Motion passes unanimously.

5) Regular Agenda

a. Resolution approving the WMPO's Local Input Point Assignment for Regional Impact Tier Projects for P7.0

Abby Lorenzo, WMPO noted that Included in the packets is the draft Prioritization 7.0 Regional impact point assignment. Back in February the WMPO approved its Local Entry Point Methodology, which a copy is also included in the agenda packet, which outlines the criteria used to essentially score the eligible projects at their respective tier the regional impact and division needs and assign our 1,600 impact points to the highest scores and projects.

She stated the criteria for those projects or scoring those projects in between the opportunities for coordination with NCDOT consistency to adopt the plans, the status of the project and development and the number of prioritization cycles that a project has explored through.

The draft open point for regional projects was presented to the MPO Board at the July meeting. At which time they open a 14-day public comment period, which runs through the end of day today. The draft will be presented to the MPO Board at the August meeting, and the final point assignments are due to the NCDOT Strategic Prioritization Office (SPOT) office by August 30th.

She noted the importance that when looking at the general input point assignment the division needs input point assignment later in the prior decision cycle, that current estimates for the available funding to program these projects, In the regional tier is in the negative. Regarding new projects in the Regional or Division Tiers the opportunity of new projects being funded is unlikely. However, the process of creating scores with regional and

division eligible projects and local input as part of the score is still going to proceed.

Motion to approve the WMPO's Local input point assignment for Regional Impact Tier projects made by Mark Hairr and seconded by Mike Kozlosky. Motion passes unanimously.

6) Discussion

a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-8

Mike Kozlosky stated this is for informational purposes only and will be brought back at the next meeting for approval.

7) Updates

a. Wilmington Urban Area MPO

Mike Kozlosky noted that the updates are included in the packet. Mr. Kozlosky noted the Direct Attributable project submittals are due no later than 5:00 PM on September 13th.

b. Cape Fear Public Transit Authority

Mark Hairr, WAVE, stated the updates were in the packet. He added that WAVE was still currently doing public outreach and has the survey located on their website and encouraged the TCC members to share the information. It is open until September 15th and hope to share all the information gathered at the September 26th Cape Fear Transportation Board Meeting.

c. NCDOT Division 3

Michelle Howes stated that the East Channel Bridge Preservation project should be finishing up in a few weeks.

d. NCDOT Integrated Mobility Division

e. NCDOT Transportation Planning Division

Amanda Killian, NCDOT, stated the fiscal year 25 approval letter for the WMPO were sent last week. The Carteret County CTP is underway and the next meeting for the Pender CTP is September 4th.

9) Announcements

a. WMPO Go Coast will meet August 15th

10) Next meeting- July 17, 2024

There being no further business Sam Boswell made a motion to adjourn the meeting, seconded by Michelle Howes and the motion carried unanimously.

The meeting was adjourned at 10:38 a.m.

THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.

THE ENTIRE PROCEEDINGS ARE RECORDED DIGITALLY AS PART OF THIS RECORD.

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-4**

STATEWIDE PROJECT

STIP ADDITIONS

* M-0426DIV	- STATEWIDE PROJECT	VARIOUS, STATEWIDE TRAINING, EDUCATION, AND	ENGINEERING	FY 2024 -	\$90,000	(NHP)
STATEWIDE		WORKFORCE DEVELOPMENT.		FY 2025 -	\$90,000	(NHP)
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u>		FY 2026 -	\$90,000	(NHP)
DIVISION		<u>PLANNING AND PROGRAMMING.</u>		FY 2027 -	\$90,000	(NHP)
				FY 2028 -	\$90,000	(NHP)
				FY 2029 -	\$90,000	(NHP)
				FY 2030 -	\$90,000	(NHP)
				FY 2031 -	\$90,000	(NHP)
				FY 2032 -	\$90,000	(NHP)
				FY 2033 -	\$90,000	(NHP)
				AFTER FY 2033 -	<u>\$180,000</u>	(NHP)
					\$1,080,000	
* M-0426REG	- STATEWIDE PROJECT	VARIOUS, STATEWIDE TRAINING, EDUCATION, AND	ENGINEERING	FY 2024 -	\$90,000	(NHP)
STATEWIDE		WORKFORCE DEVELOPMENT.		FY 2025 -	\$90,000	(NHP)
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u>		FY 2026 -	\$90,000	(NHP)
REGIONAL		<u>PLANNING AND PROGRAMMING.</u>		FY 2027 -	\$90,000	(NHP)
				FY 2028 -	\$90,000	(NHP)
				FY 2029 -	\$90,000	(NHP)
				FY 2030 -	\$90,000	(NHP)
				FY 2031 -	\$90,000	(NHP)
				FY 2032 -	\$90,000	(NHP)
				FY 2033 -	\$90,000	(NHP)
				AFTER FY 2033 -	<u>\$180,000</u>	(NHP)
					\$1,080,000	

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-4**

STATEWIDE PROJECT

STIP ADDITIONS

* M-0426SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS, STATEWIDE TRAINING, EDUCATION, AND WORKFORCE DEVELOPMENT. <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u>	ENGINEERING	FY 2024 -	\$120,000	(NHP)
				FY 2025 -	\$120,000	(NHP)
				FY 2026 -	\$120,000	(NHP)
				FY 2027 -	\$120,000	(NHP)
				FY 2028 -	\$120,000	(NHP)
				FY 2029 -	\$120,000	(NHP)
				FY 2030 -	\$120,000	(NHP)
				FY 2031 -	\$120,000	(NHP)
				FY 2032 -	\$120,000	(NHP)
				FY 2033 -	\$120,000	(NHP)
				AFTER FY 2033 -	<u>\$240,000</u>	(NHP)
					\$1,440,000	
* M-0460 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, NATIONAL SUMMER TRANSPORTATION INSTITUTE (NSTI). <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u>	ENGINEERING	FY 2024 -	\$200,000	(O)
				FY 2025 -	\$200,000	(O)
				FY 2026 -	\$200,000	(O)
				FY 2027 -	\$200,000	(O)
				FY 2028 -	\$200,000	(O)
				FY 2029 -	\$200,000	(O)
				FY 2030 -	\$200,000	(O)
				FY 2031 -	\$200,000	(O)
				FY 2032 -	\$200,000	(O)
				FY 2033 -	\$200,000	(O)
				AFTER FY 2033 -	<u>\$400,000</u>	(O)
					\$2,400,000	

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-4**

STATEWIDE PROJECT

STIP ADDITIONS

* M-0478	- STATEWIDE PROJECT	VARIOUS, ON-THE-JOB TRAINING PROGRAM.	ENGINEERING	FY 2024 -	\$500,000	(O)
STATEWIDE		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u>		FY 2025 -	\$500,000	(O)
PROJ.CATEGORY		<u>PLANNING AND PROGRAMMING.</u>		FY 2026 -	\$500,000	(O)
EXEMPT				FY 2027 -	\$500,000	(O)
				FY 2028 -	\$500,000	(O)
				FY 2029 -	\$500,000	(O)
				FY 2030 -	\$500,000	(O)
				FY 2031 -	\$500,000	(O)
				FY 2032 -	\$500,000	(O)
				FY 2033 -	\$500,000	(O)
				AFTER FY 2033 -	<u>\$1,000,000</u>	(O)
					\$6,000,000	
* M-0480	- STATEWIDE PROJECT	VARIOUS, DISADVANTAGED BUSINESS ENTERPRISE	ENGINEERING	FY 2024 -	\$300,000	(O)
STATEWIDE		(DBE) TRAINING AND SUPPORTIVE SERVICES.		FY 2025 -	\$300,000	(O)
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u>		FY 2026 -	\$300,000	(O)
EXEMPT		<u>PLANNING AND PROGRAMMING.</u>		FY 2027 -	\$300,000	(O)
				FY 2028 -	\$300,000	(O)
				FY 2029 -	\$300,000	(O)
				FY 2030 -	\$300,000	(O)
				FY 2031 -	\$300,000	(O)
				FY 2032 -	\$300,000	(O)
				FY 2033 -	\$300,000	(O)
				AFTER FY 2033 -	<u>\$600,000</u>	(O)
					\$3,600,000	

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-4**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

TG-0026	- WILMINGTON URBAN AREA	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	CAPITAL	2025	\$572,000	L
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	PURCHASE CNG BUSES.		2025	\$2,860,000	5339(b)
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE CAPE FEAR</u>			\$3,432,000	
PUBLIC TRANS		<u>PUBLIC TRANSPORTATION AUTHORITY.</u>				

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #24-4 TO THE
2024-2033 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation; and

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2024-2033 State Transportation Improvement Program on June 6, 2023, and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on August 30, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-4; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has conducted a 30-day public comment period to receive citizen input on these proposed amendments.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-4.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**Proposed Additions and Deletions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-5**

STATEWIDE PROJECT

STIP ADDITIONS

HB-0099A - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
STATEWIDE
REGIONAL
DIVISION

VARIOUS, BRIDGE INSPECTION PROGRAM
INSPECTIONS.
ADD PROJECT. REPLACES STIP ID HB-9999A

ENGINEERING

FY 2025 -	\$26,000,000	(T)
FY 2026 -	\$26,000,000	(T)
FY 2027 -	\$26,000,000	(T)
FY 2028 -	\$26,000,000	(T)
FY 2029 -	\$26,000,000	(T)
FY 2030 -	\$26,000,000	(T)
FY 2031 -	\$26,000,000	(T)
FY 2032 -	\$26,000,000	(T)
FY 2033 -	<u>\$26,000,000</u>	(T)
	\$234,000,000	

HB-0099B - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
DIVISION

VARIOUS, BRIDGE INSPECTION PROGRAM
STRUCTURE INVENTORY AND APPRAISAL.
ADD PROJECT. REPLACES STIP ID HB-9999B.

ENGINEERING

FY 2025 -	\$600,000	(T)
FY 2026 -	\$600,000	(T)
FY 2027 -	\$600,000	(T)
FY 2028 -	\$600,000	(T)
FY 2029 -	\$600,000	(T)
FY 2030 -	\$600,000	(T)
FY 2031 -	\$600,000	(T)
FY 2032 -	\$600,000	(T)
FY 2033 -	<u>\$600,000</u>	(T)
	\$5,400,000	

HB-0099C - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
STATEWIDE
REGIONAL
DIVISION

VARIOUS, BRIDGE INSPECTION PROGRAM ANALYSIS.
ADD PROJECT. REPLACES STIP ID HB-9999C.

ENGINEERING

FY 2025 -	\$2,600,000	(T)
FY 2026 -	\$2,600,000	(T)
FY 2027 -	\$2,600,000	(T)
FY 2028 -	\$2,600,000	(T)
FY 2029 -	\$2,600,000	(T)
FY 2030 -	\$2,600,000	(T)
FY 2031 -	\$2,600,000	(T)
FY 2032 -	\$2,600,000	(T)
FY 2033 -	<u>\$2,600,000</u>	(T)
	\$23,400,000	

Proposed Deletions
2024-2033 STIP/MPO TIP Programs

STATEWIDE PROJECT

STIP DELETIONS

HB-9999C	- STATEWIDE PROJECT	VARIOUS, BRIDGE INSPECTION PROGRAM ANALYSIS.	ENGINEERING	FY 2025 -	\$2,600,000	(T)
STATEWIDE		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>		FY 2026 -	\$2,600,000	(T)
PROJ.CATEGORY		<u>HB-0099C.</u>		FY 2027 -	\$2,600,000	(T)
STATEWIDE				FY 2028 -	\$2,600,000	(T)
REGIONAL				FY 2029 -	\$2,600,000	(T)
DIVISION				FY 2030 -	\$2,600,000	(T)
				FY 2031 -	\$2,600,000	(T)
				FY 2032 -	\$2,600,000	(T)
				FY 2033 -	<u>\$2,600,000</u>	(T)
					\$23,400,000	

HB-9999A				FY 2025 -	\$26,000,000	(T)
STATEWIDE				FY 2026 -	\$26,000,000	(T)
PROJ.CATEGORY		VARIOUS, BRIDGE INSPECTION PROGRAM		FY 2027 -	\$26,000,000	(T)
STATEWIDE	- STATEWIDE PROJECT	INSPECTIONS.		FY 2028 -	\$26,000,000	(T)
REGIONAL		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>	ENGINEERING	FY 2029 -	\$26,000,000	(T)
DIVISION		<u>HB-0099A.</u>		FY 2030 -	\$26,000,000	(T)
				FY 2031 -	\$26,000,000	(T)
				FY 2032 -	\$26,000,000	(T)
				FY 2033 -	<u>\$26,000,000</u>	(T)
					\$234,000,000	

HB-9999B				FY 2025 -	\$600,000	(T)
STATEWIDE				FY 2026 -	\$600,000	(T)
PROJ.CATEGORY		VARIOUS, BRIDGE INSPECTION PROGRAM		FY 2027 -	\$600,000	(T)
STATEWIDE	- STATEWIDE PROJECT	STRUCTURE INVENTORY AND APPRAISAL.		FY 2028 -	\$600,000	(T)
DIVISION		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>	ENGINEERING	FY 2029 -	\$600,000	(T)
		<u>HB-0099B.</u>		FY 2030 -	\$600,000	(T)
				FY 2031 -	\$600,000	(T)
				FY 2032 -	\$600,000	(T)
				FY 2033 -	<u>\$600,000</u>	(T)
					\$5,400,000	

**Proposed Additions to 2024-2033
STIP/MPO TIP Programs STIP/MPO
TIP Modifications #24-8**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HL-0109 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SOUTH 3RD STREET, INSTALLATION OF TRAFFIC SIGNALS WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ANN STREET IN WILMINGTON. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF WAY FROM FY 24 TO FY 25.</u>	ENGINEERING	FY 2024 -	\$380,000	(BGDA)
				FY 2024 -	\$109,000	(L)
			RIGHT-OF-WAY	FY 2025 -	\$49,000	(BGDA)
				FY 2025 -	\$12,000	(L)
			CONSTRUCTION	FY 2025 -	\$532,000	(BGDA)
				FY 2025 -	\$132,000	(L)
					\$1,214,000	
HS-2003AN NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17/76 (DAWSON STREET AND WOOSTER STREET), AT SR 1216 (16TH STREET) AND SR 1217 (17TH STREET) IN WILMINGTON. UPGRADE TRAFFIC SIGNALS, AND INSTALL CROSSWALKS AND PEDESTRIAN SIGNALS. <u>TO REFLECT LATEST DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$147,000	(HSIP)
					\$147,000	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #24-8 TO THE
2024-2033 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2024-2033 State Transportation Improvement Program on June 6 2023, and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the 2024-2033 State/MPO Transportation Improvement Programs on August 30, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-8.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-8.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

**FY 2025 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT
AGREEMENT FOR THE WILMINGTON URBANIZED AREA**

THIS AGREEMENT made and entered into this ____ day of _____, 2024 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a “Wave Transit”, a North Carolina public transportation authority.

W I T N E S S E T H

WHEREAS, by joint resolution the City of Wilmington and New Hanover County established the “Cape Fear Public Transportation Authority” (hereinafter referred to as “Wave”) to provide public transportation services within the area designated as the Wilmington Urbanized Area (hereinafter referred to as “UZA”), effective July 1, 2004, in recognition of the fact that some traffic and transportation concerns of each entity are the same without regard for any jurisdictional boundary; and

WHEREAS, pursuant to, and in compliance with, 23 C.F.R. § 450.306, the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as “MPO”) was designated as the policy body for cooperative transportation decision making in the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the MPO; and

WHEREAS, on November 18, 2020, the MPO, which includes the City of Wilmington,

New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the “Cape Fear Moving Forward 2045” which affects the UZA; and

WHEREAS, Wave is the provider of public transportation services in the UZA; and

WHEREAS, on June 22, 2005, the Secretary of Transportation for the State of North Carolina, with authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared Wave to be a designated recipient of Federal Urbanized Area Formula Program funds for the UZA; and

WHEREAS, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 transit planning funds for the UZA; and

WHEREAS, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

WHEREAS, 23 C.F.R. § 450.314 requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, in consideration of the mutually beneficial covenants of agreement between the parties hereinafter expressed in enumerated terms, the adequacy and sufficiency of which of hereby acknowledged by each as valuable consideration the City of Wilmington on behalf of the Metropolitan Planning Organization and Wave agree as follows:

1. **Cooperation.** The MPO and Wave shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Planning Organization Transportation Improvement Program (hereinafter referred to as “MPO TIP”). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MPO TIP as adopted by the MPO. MPO TIP is in accordance with the State Transportation Improvement Program and is periodically amended as the State Transportation Improvement Program is updated.
2. **Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision-making process. The parties shall insure that projects in the public transportation service portion of the MPO TIP are included in the planning process.
3. **Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line-item allocation shown on the MPO’s budget which is known as the Unified Planning Work Program.
4. **Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington’s funds, except those held for the MPO. No funds paid under this agreement shall exceed \$80,861 in FY25.
5. **Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.
6. **Termination.** This Agreement shall terminate as a result of the loss of Federal

and/or State funding for public transportation services for the UZA. Additionally, any party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said “Notice of Termination” shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.

8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

IN WITNESS WHEREOF, the due execution in agreement by parties hereto as evidenced by the hereafter affixed signatures.

(This space is left intentionally blank)

CITY OF WILMINGTON

Bill Saffo, Mayor

ATTEST:

Penelope Spicer-Sidbury, City Clerk

[SEAL]

Approved as to form:

Meredith Everheart, City Attorney

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County,
North Carolina, certify that Penelope Spicer-Sidbury personally came before me this day and
acknowledged that she is City Clerk of the City of Wilmington, and that by authority duly given
and as the act of the Council, the foregoing instrument was signed in its name by its Mayor,
sealed with its corporate seal and attested by herself as its City Clerk.

WITNESS my hand and official seal, this ____ day of _____, 2024.

Notary Public

My commission expires: _____

CERTIFICATION

This instrument has been preaudited in the manner required by The Local Government
Budget and Fiscal Control Act.

This ____ day of _____, 20____.

Jennifer Maready, City Finance Officer

Project Account: 1TRMP25 -RSTR5303-CONTRACTL -OTHPROFSVC

Org: 21075195 Obj: 531060 Project: 1TRMP24 Amount: Not to Exceed \$80,861

Requisition Number: _____ Federal ID Number: 56-6000239

**WILMINGTON URBAN AREA METRO
PLANNING ORGANIZATION,
by and through its Board**

By: _____
Honorable Henry E. Miller III, Chair

Attest: _____
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County, North Carolina, certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of the **Board of the Wilmington Urban Area Metropolitan Planning Organization**, and that by authority duly given and as the act of the Organization, the foregoing instrument was signed in its name by its Chairman and attested by himself as its Secretary.

WITNESS my hand and official seal, this ____ day of _____, 2024.

(Seal)

Notary Public

My commission expires: _____.

**CAPE FEAR PUBLIC TRANSPORTATION
AUTHORITY d/b/a/ Wave Transit**

By: _____
Chairman

Attest: _____
Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County, North Carolina, certify that _____ personally came before me this day and acknowledged that s/he is the Secretary of the **Cape Fear Public Transportation Authority d/b/a Wave Transit**, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the ____ day of _____, 2024.

(Seal)
Notary Public
My Commission Expires: _____.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AUTHORIZING THE CHAIRMAN TO ENTER INTO AN AGREEMENT WITH
THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY AND CITY OF WILMINGTON
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION TO
PROVIDE FY25 SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC TRANSPORTATION
AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITIES**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, in accordance with 23 CFR § 450.306, the Wilmington Urban Area Metropolitan Planning Organization was designated as the policy body for cooperative transportation decision making in the Wilmington Urbanized Area (UZA); and

WHEREAS, the City of Wilmington and New Hanover County effective July 1, 2004, established the Cape Fear Public Transportation Authority to provide public transportation services within the UZA; and

WHEREAS, the Cape Fear Public Transportation Authority is the provider of public transportation services within the UZA; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the Wilmington Urban Area Metropolitan Planning Organization; and

WHEREAS, 23 CFR § 4510.314 requires an agreement between the Cape Fear Public Transportation Authority and the Wilmington Urban Area Metropolitan Planning Organization specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 25 Section 5303 funding in the amount of \$80,861 to the Cape Fear Public Transportation Authority to complete public transportation planning activities within the MPO's Urbanized Area boundary.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ADOPTING THE WRIGHTSVILLE BEACH BICYCLE AND
PEDESTRIAN PLAN**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Town of Wrightsville Beach received funding from the North Carolina Department of Transportation's (NCDOT) Integrated Mobility Division (IMD) and the Transportation Planning Division for the development of a comprehensive municipal bicycle and pedestrian plan, which may serve as a component of the Cape Fear region's transportation plans; and

WHEREAS, NCDOT, Wilmington Urban Area MPO and the Town of Wrightsville Beach with the consultant, Kimley Horn & Associates, began the Town of Wrightsville Beach Bicycle and Pedestrian Plan development process in February 2023; and

WHEREAS, the study included a field inventory of existing conditions, public outreach efforts throughout the process and plan preparation, and recommendations for bicycle and pedestrian facility improvements; and

WHEREAS, the Wrightsville Beach Bicycle and Pedestrian Plan will be used as a general guideline to improve bicycle and pedestrian facilities within the Town of Wrightsville Beach; and

WHEREAS, the Town of Wrightsville Beach Board of Alderman adopted the Wrightsville Beach Bicycle and Pedestrian Plan on June 13, 2024.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the Wrightsville Beach Bicycle and Pedestrian Plan.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary



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MEMORANDUM

TO: TCC Members

FROM: Mike Kozlosky, Executive Director
Regina Hopkins, Accounting Manager

DATE: September 5, 2024

SUBJECT: FY25 Amendment #2 – Special Study – Compensation Analysis

The WMPO employees are the organizations most valuable assets and without them we would not be able to deliver the services required by federal law or expected by our members. To ensure that the WMPO is competitive in the current job market and able to maintain and recruit skilled employees necessary to carry out the function of the MPO, staff recommends hiring a consultant to complete a compensation analysis. The compensation analysis is supported by the WMPO's adopted 2022-2026 Strategic Plan and is recommended to be updated periodically in the WMPO's 2023 Organizational Assessment.

This study will review the WMPO's existing job descriptions to understand each position's key responsibilities, requirements, levels within respective career progressions, and place within the organizational reporting and decision- making hierarchy.

The result will be a market analysis of current staffing and compensation against the market as well as similar organizations to ensure the WMPO is in line with our peers. At the conclusion of the study, a virtual presentation will be presented before the Board to outline the analysis and any recommendations.

To fund the study within the FY25 budget, staff recommends shifting \$6 ,300 in STBG-DA funds from the Management & Operations task to a new Special Study task for a Compensation Analysis. Staff recommends contracting Catapult Employers Association, Inc, the City's approved consultant to perform compensation analyses.



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2024 - 2025 Unified Planning Work Program Amendment # 2
Reallocate Current FY25 STBG-DA Funds
September 25, 2024

II-B-3 Special Studies: Consultant – Compensation Analysis

Based on anticipated expenditures, the line item increased by \$6,300

Increase of expenditure based on contracted amount to hire Catapult Consultants to perform a Compensation Analysis.

Catapult will compile a competitive market-based compensation analysis for the WMPO's twelve current positions. This study will review the WMPO's existing job descriptions to understand each position's key responsibilities, requirements, levels within respective career progressions, and place within the organizational reporting and decision-making hierarchy.

The result will be a market analysis of current staff positions and compensation against similar organizations to ensure the WMPO is in line with our peers. In addition, Catapult will provide strategies that bolster internal equitable compensation and support the WMPO's ability to recruit and retain skilled employees necessary to meet the federal requirements and overall functions of the MPO.

At the conclusion of the study, a virtual presentation will be presented before the Board to outline the analysis and recommendations.

III-E Management & Operations

Based on anticipated expenditures, the line item decreased by \$6,300

Reallocate funds from the Management & Operations task to task II-B-3, Special Studies: Consultant – Compensation Analysis, per the narrative above.



Unified Planning Work Program

Fiscal Year 2025

Amendment # 2
September 25, 2024

Amendment # 1
Adopted July 31, 2024

Original PWP
Adopted March 27, 2024

**FY 2025 UNIFIED PLANNING WORK PROGRAM
for the
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

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Introduction

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a “cooperative, comprehensive, and continuing” transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2025. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

The PWP for the Wilmington Urban Area identifies seven separate funding sources for Urban Area transportation planning. A brief description of these funding sources follows:

- Federal Highway Administration - Section 104(f) Funds (PL104)
Funds dedicated to the urban area to perform transportation planning. PL104 funds require a 20% local match.
- Federal Highway Administration - Safe & Accessible Transportation Options Set Aside (SATO/Y410)
These funds are dedicated to the urban area to perform transportation planning to increase safe and accessible options for multiple travel modes for people of all ages and abilities. SATO/Y410 funds are 100% reimbursable.
- Federal Highway Administration - Surface Transportation Block Grant-Direct Attributable Funds (STBG-DA)
Funds dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. STBG-DA funds require a 20% local match.
- Federal Highway Administration - State and Planning Research Funds (SPR)
These funds are used for statewide planning and research activities. Their purpose is to establish a cooperative, and comprehensive framework for making transportation investment decisions and research activities throughout the State. These funds require a 20% match that will be provided by the state.
- Federal Highway Administration - Safe Streets for All (SS4A)
These are discretionary grant funds to be used for the development of a multi-modal, accessible safety plan for the WMPO planning area. SS4A funds require a 20% local match. The WMPO's FY 24 PWP included a 20% local match (50% from the state, 50% member contributions) for a \$400,000 SS4A planning grant for the development of a regional Comprehensive Safety Action Plan. The WMPO applied during the FY 24 funding cycle and received notification of the award in December 2023. Plan development will begin in 2024.

- Federal Transit Administration - Section 5303 Funds
These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Local Member Non-Grant Contributions - Member Only Additional Funds
Local only supplied funds for WMPO operating expenses not eligible for grant funding.

The local match requirements will be shared by all members of the Wilmington Urban Area MPO in direct proportion to population as defined in the Wilmington Urban Area MPO Memorandum of Understanding.

Narrative of UPWP Section 104(f) Work Tasks to be Performed in FY 25
(Primary work to be performed by lead planning agency staff except where noted.)

II-A Data and Planning Support Line-Item Codes: \$90,900

II-A-1 Networks and Support Systems: \$81,600

Bike & Ped. Facilities Inventory – Staff will facilitate inventory of significant municipal, state, and federal bicycle and pedestrian transportation facilities. These systems shall be incorporated in the Long-Range Transportation Plan update and analyzed in conjunction with other transportation performance measures.

Traffic Volume Counts – Wilmington MPO staff maintains an ongoing traffic counting program. An annual summary of the urban area traffic counts and accident data will be prepared and uploaded to the WMPO website.

II-A-2 Travelers and Behavior: \$2,300

Dwelling Unit, Population, Employment Changes – Changes in population and development across the service area will be identified and evaluated to determine necessary restructuring of transportation services to meet current and forecasted demand. Census data, local parcel, zoning, and tax data records; Employment Security Commission; and private vendors are acceptable sources of information for this purpose. This item may include the development and maintenance of a GIS database.

Travel Time Studies – Peak and off-peak travel time studies may be conducted for those street segments that are included in the Congestion Management System. Travel time studies may be required during the travel model calibration phase as well.

II-A-3 Transportation Modeling: \$7,000

Financial Planning – Develop realistic, best estimates of funding sources available and project cost estimates throughout the forecast years for the MTP. Ensure fiscal constraint in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Travel Model Updates – In concert with the North Carolina Department of Transportation, MPO staff will assist in the development of the 2050 travel demand model. Tasks to include assistance with trip generation and review of trip distribution, modal split, and trip assignment.

II-B Planning Process Line-Item Codes: \$61,500

II-B-1 Target Planning: \$5,000

Congestion Management Strategies – Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions, and transportation system management strategies. Evaluate strategies developed for the Congestion Management Process. Document process and solutions in the update of the MTP and CMP reports. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Freight Movement/Mobility Planning – Identification of freight movement deficiencies, priorities, and proposed improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Hazard Mitigation & Disaster Planning – Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters. After identifying these risks, develop long-term strategies for protecting people and property from similar events. Mitigation plans are key to breaking the cycle of damage and reconstruction.

II-B-2 Regional Planning: \$46,500

Airport/Air Travel Element of the of the Metropolitan Transportation Plan – Identify airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP.

Bicycle & Pedestrian Element of the Metropolitan Transportation Plan – Identify bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies. Provide documentation of the process and recommendations in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Collector Street Element of the Metropolitan Transportation Plan – Collector Street planning will be conducted as required to develop standards and preliminary locations for collector streets in advance of development. The objective of this planning activity is to ensure optimum traffic operations for the developing street system and transit accessibility to developing areas.

Community Goals & Objectives – Monitor public input as it pertains to goals and objectives set forth in the adopted Metropolitan Transportation Plan. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Highway Element of the Metropolitan Transportation Plan – Identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies. Provide documentation of process and recommendations in the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

Rail, Water, or other mode of the Metropolitan Transportation Plan – Identify rail and waterway deficiencies, priorities, and proposed rail and waterway improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP.

II-B-3 Special Studies: \$10,000

Planning Staff time allocated to managing and coordinating with the NCDOT and contracted consultant(s) to develop the Intelligent Transportation System Plan funded with STBG-DA (WMPO) and SPR (Federal and State) funds. This plan is being developed per the recommendations of the FHWA and the FTA in the WMPO's Certification renewal issued on March 1, 2023.

III-A Planning Work Program Line-Item Codes: \$4,000

III-A-1 Planning Work Program: \$1,000

Staff will develop a Planning Work Program (PWP/UPWP) with the guidance of the Technical Coordinating Committee (TCC) and MPO Board, staff will present the PWP for approval to the MPO Board and submit it to the NCDOT Transportation Planning Division (TPD) and NCDOT Integrated Mobility Division (IMD).

III-A-2 Metrics and Performance Measures: \$3,000

Facilitate updates to the UPWP, MTP, etc., to address performance tracking and reporting. This includes preparing quarterly reports, the annual report, requests for reimbursement, and establishing/developing/refinement/updating of performance measures/targets. This task also includes updated plans (CTP/MTP/TIP), as required to track performance measure requirements.

III-B Transportation Improvement Plan Line-Item Codes: \$7,000

III-B-1 Prioritization: \$2,000

Maintain the SPOT list of STIP projects across modes. Develop purpose and needs statements, as appropriate/needed. Work to update and improve local prioritization process for SPOT projects. Coordinate data, maps, and resolutions for STIP Project Recommendations as needed. Gather and enter data required for SPOT ranking of projects.

III-B-2 Metropolitan Transportation Improvement Program (TIP): \$2,500

Work cooperatively with the NCDOT and other partner agencies to review and provide comments on the draft STIP, the final STIP, and then adopt the corresponding MPO TIP. This includes reviewing and refining TIP project schedules and descriptions in the Draft TIP and coordinating meaningful public involvement in the TIP process.

III-B-3 Merger/Project Development: \$2,500

General work associated with development or amendments to the STIP/MPO TIP. Review design issues for TIP Projects and provide comments to appropriate agencies. Participate in the environmental study process for STIP/MPO TIP projects and provide an MPO representative on NEPA/404 Merger Teams. Monitor the public involvement process for STIP/MPO TIP projects and ensure adequate community input; assist PDEA as requested. Participation in project-specific workgroup meetings, as needed. Facilitate dialog between NCDOT and MPO-member communities. Participate in scoping meetings, public input, and merger meetings.

III-C Civil Rights Compliance & Other Regulatory Requirements Line-Item Codes: \$8,300

III-C-1 Title VI Compliance: \$500

Work to ensure compliance with the requirements of Title VI in urban area policies and practices.

III-C-2 Environmental Justice: \$2,000

Analysis and outreach to ensure that transportation plans and projects comply with Environmental Justice policies.

III-C-3 Minority Business Enterprise Planning: \$0

No PL104 funded tasks anticipated in FY25.

III-C-4 Planning for the Elderly: \$300

Ensure the special needs of the elderly and disabled are addressed in all transportation planning projects.

III-C-5 Safety/Drug Control Planning: \$0

No PL104 funded tasks anticipated in FY25.

III-C-6 Public Involvement: \$5,000

Extensive Public Participation effort will be carried out to solicit input and gauge public input for planning studies within the Wilmington Urban Area MPO's planning area boundary. Outreach will be used in the development of the MTP 2050 Plan.

III-C-7 Private Sector Participation: \$500

Activities to encourage private sector participation in planning and project activities.

III-D Statewide & Extra-Regional Planning Line-Item Codes: \$7,000

III-D Statewide & Extra-Regional Planning: \$7,000

Environmental Analysis & Pre-TIP Planning – Conduct environmental analysis and planning for the development of transportation projects in the Wilmington Urban Area.

Regional or Statewide Planning – Coordination of urban area activities with statewide and regional initiatives.

III-E Management, Operations, & Program Support Admin Line-Item Codes: \$259,050

III-E Management & Operations: \$259,050

Management & Operations – Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

Narrative of Safe & Accessible Transportation Options Set Aside (SATO/Y410) Work Tasks to be Performed in FY 25

(Primary work to be performed by lead planning agency staff except where noted.)

In 2022, the Infrastructure Investment and Jobs Act (IIJA) has added a new Metropolitan Planning set-aside for Increasing Safe & Accessible Transportation Options. The Act requires each MPO to use at least 2.5% of its PL funds on specified planning activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities. [§ 11206(b)]. The 2.5% set aside is provided by a separate allocation of PL funds (federal program code Y410). The MPO's share of this amount is distributed using the same allocation formula.

This funding requires no local match and the full funding amount of \$8,200 is 100% reimbursable.

This task may include the following activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities:

1. Adoption of Complete Streets standards or policies.
2. Development of a Complete Streets prioritization plan that identifies a specific list of Complete Streets projects to improve the safety, mobility, or accessibility of a street.
3. Development of transportation plans to:
 - a. Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
 - b. Integrate active transportation facilities with public transportation service or improve access to public transportation.
 - c. Create multiuse active transportation infrastructure facilities (including bikeways or pedestrian and bicycle trails) that make connections within or between communities.
 - d. Increase public transportation ridership; and
 - e. Improve the safety of bicyclists and pedestrians.
4. Regional and megaregional planning (i.e., multi-jurisdictional transportation planning that extends beyond MPO and/or State boundaries) that address travel demand and capacity constraints through alternatives to new highway capacity, including through intercity passenger rail; and
5. Development of transportation plans and policies that support transit-oriented development.

II-B Planning Process Line-Item Codes: \$8,200

Safe & Accessible Transportation Options - Provide safe and accessible transportation options.

Narrative of Surface Transportation Block Grant – Direct Attributable Work Tasks and Special Studies to be Performed in FY 25

(Primary work to be performed by lead planning agency staff except where noted.)

II-A Data and Planning Support Line-Item Codes: \$91,500

II-A-1 Networks and Support Systems: \$91,500

Mapping – Creation or maintenance of base maps, zone maps, land use, etc. for the study area. The MPO will create, maintain, and store mapping for the study area for each update of the study. The WMPO has a full-time GIS Analyst dedicated to this task.

II-B Planning Process Line-Item Codes: \$105,000

II-B-3 Special Studies: \$105,000

Special Studies: Staff Time - Safe Streets and Roads for All – Time utilized by Staff to manage the Safe Streets and Roads for All funded Special Study. An outside consultant will be utilized and contracted to perform the study. Consultants have not yet been selected to perform this task. For a comprehensive description of this study, please see the UPWP section titled: Narrative of Safe Streets and Roads for All (SS4A) Continued Funding for a Special Study on page 12.

Special Studies: Consultant - Intelligent Transportation Systems Plan – On March 1, 2023, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) issued the certification review of the transportation planning process for the Wilmington Metropolitan Planning Organization (WMPO). FHWA and FTA are required to jointly review and evaluate the transportation planning process for each urbanized area over 200,000 in population at least once every four years to determine if the process meets the Federal planning requirements. The review includes “it is recommended that the MPO coordinate with NCDOT to update the Regional ITS Architecture/Strategic Deployment Plan, and that the MTP include stronger language directly connecting the Regional ITS Architecture/Strategic Deployment Plan to the projects identified in the MTP.” The MPO will partner with the NCDOT to update the Regional ITS Architecture/Strategic Deployment Plan.

STBG-DA funds will be used in conjunction with \$200,000 in State Planning and Research (SPR) funds to provide a more comprehensive plan. (See page 12 for SPR funds.)

III-E Management, Operations, & Program Support Admin Line-Item Codes: \$1,126,700

II-B-3 Management & Operations: \$1,126,700

Management & Operations – Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

Narrative of State Planning and Research (SPR) Special Study

(Primary work to be performed by the NCDOT and a contracted consultant.)

The State Planning and Research (SPR) Program funds States' statewide planning and research activities. The funds are used to establish a cooperative, continuous, and comprehensive framework for making transportation investment decisions and to carry out transportation research activities throughout the State.

In the spirit of cooperation, the NCDOT's Transportation Mobility and Safety Division (TSMO) has offered to apply for \$200,000 in SPR funds to assist the WMPO with the Intelligent Transportation Systems Plan. The NCDOT TSMO office has agreed to manage and contract with a consultant to perform this study. WMPO Staff will contribute local/regional input to the consultant and participate in sessions with the NCDOT and consultant necessary to draft this plan. The Intelligent Transportation Systems Plan is anticipated to be completed by June 30, 2025.

II-B Planning Process Line-Item Codes: \$200,000

II-B-3 Special Studies: \$200,000

Special Studies: Consultant - Intelligent Transportation Systems Plan – On March 1, 2023, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) issued the certification review of the transportation planning process for the Wilmington Metropolitan Planning Organization (WMPO). FHWA and FTA are required to jointly review and evaluate the transportation planning process for each urbanized area over 200,000 in population at least once every four years to determine if the process meets the Federal planning requirements. The review includes "it is recommended that the MPO coordinate with NCDOT to update the Regional ITS Architecture/Strategic Deployment Plan, and that the MTP include stronger language directly connecting the Regional ITS Architecture/Strategic Deployment Plan to the projects identified in the MTP." The MPO will partner with the NCDOT to update the Regional ITS Architecture/Strategic Deployment Plan.

\$100,000 in STBG-DA funds (\$80,000 Federal/\$20,000 Local) will be used in conjunction with \$200,000 in State Planning and Research (SPR) funds to provide a more comprehensive plan. (See page 11 for STBG-DA funds.)

Narrative of Safe Streets and Roads for All (SS4A)

Continued Funding for a Special Study

(Primary work to be performed by a contracted consultant.)

The federal Infrastructure Investment and Jobs Act (IIJA) established the new Safe Streets and Roads for All (SS4A) discretionary program with \$5 billion to be dispersed over the life of the program. The grant program funds are to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation, personal conveyance, and micro-mobility users; motorists; and commercial vehicle operators.

The SS4A program provides funding for the completion of Comprehensive Safety Action Plans and Implementation. To access the implementation funding, a Comprehensive Safety Action Plan meeting the USDOT standards must first be completed. Applications are accepted annually. The estimated cost to complete A Comprehensive Safety Action Plan for the Wilmington MPO's planning area is \$500,000. The grant provides federal funding in the amount of 80% and requires a 20% local match. The North Carolina Department of Transportation is not an eligible applicant but has committed to provide \$50,000 in funding as a local match and if awarded MPO members would provide the remaining \$50,000. The match requirements from NCDOT and MPO members were committed in the FY 24 PWP and the WMPO applied during the SS4A FY 24 funding cycle call for \$400,000 to develop a regional Comprehensive Safety Action Plan. The grant was awarded in December 2023 and development of the plan will begin in 2024.

Following adoption of the Comprehensive Safety Action Plan, this plan will provide an opportunity for our members with the ability to seek SS4A Implementation funding to improve and enhance safety in the communities served by the MPO.

II-B Planning Process Line-Item Codes:

II-B-3 Special Studies: \$500,000

Special Studies: Consultant - Safe Streets for All – An outside consultant will be contracted to complete a Comprehensive Safety Action Plan. At this time a consultant has not been chosen.

Tables of FTA Section 5303

Primary work to be performed by lead planning agency staff and WAVE staff.)

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-A-1
Title	Networks and Support Systems
5303 Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Transit System Data - Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,610
Section 5303 NCDOT 10%	2,610
Section 5303 FTA 80%	20,880
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-A-3
Title	Transportation Modeling
5303 Task Objective	Financial Planning - Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Financial Planning – Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,500
Section 5303 NCDOT 10%	1,500
Section 5303 FTA 80%	12,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-B-2
Title	Regional Planning
5303 Task Objective	Community Goals & Objectives – Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Community Goals & Objectives – Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	630
Section 5303 NCDOT 10%	630
Section 5303 FTA 80%	5,040
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-B-2
Title	Regional Planning
5303 Task Objective	Transit Element of the LRTP – Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Transit Element of the LRTP – Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	890
Section 5303 NCDOT 10%	890
Section 5303 FTA 80%	7,120
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-1
Title	Title VI Compliance
5303 Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	140
Section 5303 NCDOT 10%	140
Section 5303 FTA 80%	1,120
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-3
Title	Minority Business Enterprise
5303 Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	60
Section 5303 NCDOT 10%	60
Section 5303 FTA 80%	480
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-6
Title	Public Involvement
5303 Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	390
Section 5303 NCDOT 10%	390
Section 5303 FTA 80%	3,120
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-E
Title	Management & Operations
5303 Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2025 1 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	5,333
Section 5303 NCDOT 10%	5,331
Section 5303 FTA 80%	42,652
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Narrative of Additional Local Only Participation

(Primary work to be performed by lead planning agency staff except where noted.)

As a new budget component to FY25, staff recommends our members contribute non-grant related funds. These funds will allow us to maximize our public outreach efforts through the use of promotional items, prizes awarded for public participation in WMPO sponsored events, and the ability to provide light refreshments during public engagement events. In addition, the WMPO proposes to contract with a lobbying firm to advance the WMPO Board's legislative priorities at the state and federal levels.

Neither lobbying nor promotional items are allowable grant funded expenses and require the use of funding from the WMPO's local members that are not associated with any grant or grant match funds.

III-E Management, Operations, & Program Support Admin Line-Item Codes: \$76,000

III-E Management & Operations: \$76,000

Management & Operations – Administrative and operational tasks to support MPO committees and reporting requirements.



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2024 - 2025 Unified Planning Work Program Amendment # 1
Roll \$45,400 in FY24 STBG-DA funds into FY25
July 31, 2024

II-B-3 Special Studies: Consultant - 2050 MTP Development

Based on anticipated expenditures, the line item increased by \$45,400

Increase of expenditure based on contracted amount to complete the MTP Development Special Study started in FY24. As of June 30, 2024, Kimley Horn has completed 40% of their contracted services, for a total cost of \$29,980.27.

The 60% balance of contracted work totaling \$45,391.05, will be completed during the 2025 fiscal year.

This amendment allows the STBG-DA funds allocated to this task in the FY24 UPWP to remain active, permitting the balance of the contract, \$45,391.05, to roll into fiscal year 2025.

To clarify, of the \$75,400 budgeted for this task in FY24, only \$29,980.27 (rounded to \$30,000 per FHWA requirements) was expensed in FY24; leaving \$45,391.05 (Rounded to \$45,400 per FHWA requirements) available/unspent to carry forward into FY25.ss

The STBG-DA Funds allocated to this task tie to the NC DOT FY24 PO/Contract # 7500025866.



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2024 - 2025 Unified Planning Work Program Amendment # 2
Reallocate Current FY25 STBG-DA Funds
September 25, 2024

II-B-3 Special Studies: Consultant – Compensation Analysis

Based on anticipated expenditures, the line item increased by \$6,300

Increase of expenditure based on contracted amount to hire Catapult Consultants to perform a Compensation Analysis.

Catapult will compile a competitive market-based compensation analysis for the WMPO's twelve current positions. This study will review the WMPO's existing job descriptions to understand each position's key responsibilities, requirements, levels within respective career progressions, and place within the organizational reporting and decision-making hierarchy.

The result will be a market analysis of current staff positions and compensation against similar organizations to ensure the WMPO is in line with our peers. In addition, Catapult will provide strategies that bolster internal equitable compensation and support the WMPO's ability to recruit and retain skilled employees necessary to meet the federal requirements and overall functions of the MPO.

At the conclusion of the study, a virtual presentation will be presented before the Board to outline the analysis and recommendations.

III-E Management & Operations

Based on anticipated expenditures, the line item decreased by \$6,300

Reallocate funds from the Management & Operations task to task II-B-3, Special Studies: Consultant – Compensation Analysis, per the narrative above.

WMPO 2024 - 2025 UPWP Administrative Table

WMPO FY25 Task and Cost Allocations			FHWA/TPD Planning - PL104(f)			FHWA/TPD Planning - PL-Y410	FHWA/TPD Planning - STBG-DA			FHWA/TSMO Planning - SPR			FHWA - Safe Streets & Roads 4 All				FTA/IMD - 5303 - 5303 - Normal Planning				Additional	FY25 PROGRAM TOTALS			
			WBS #: TBD			WBS #: TBD	WBS #: TBD			WBS #: TBD			WBS #: TBD				WBS #: TBD				Funds				
FTA CODE	TASK CODE	TASK DESCRIPTION	Local 20%	Federal 80%	Total 100%	Federal Total 100%	Local 20%	Federal 80%	Total 100%	State 20%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local (100%)	Local Totals	State Totals	Federal Totals	Grand Totals
	II-A	Data and Planning Support	18,180	72,720	90,900	-	18,300	73,200	91,500	-	-	-	-	-	-	-	4,110	4,110	32,880	41,100	-	40,590	4,110	178,800	223,500
44.24.00	II-A-1	Networks and Support Systems	16,320	65,280	81,600	-	18,300	73,200	91,500	-	-	-	-	-	-	-	2,610	2,610	20,880	26,100	-	37,230	2,610	159,360	199,200
44.23.01	II-A-2	Travelers and Behavior	460	1,840	2,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	460	-	1,840	2,300
44.23.02	II-A-3	Transportation Modeling	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	1,500	1,500	12,000	15,000	-	2,900	1,500	17,600	22,000
44.23.02	II-B	Planning Process	12,300	49,200	61,500	8,200	22,260	89,040	111,300	40,000	160,000	200,000	-	-	-	-	1,520	1,520	12,160	15,200	-	36,080	41,520	318,600	396,200
44.23.02	II-B-1	Target Planning	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
44.23.01	II-B-2	Regional Planning	9,300	37,200	46,500	-	-	-	-	-	-	-	-	-	-	-	1,520	1,520	12,160	15,200	-	10,820	1,520	49,360	61,700
	Y-410	Safe and Accessable Transportation Options - Y-410 Set Aside	-	-	-	8,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,200	8,200
44.27.00	II-B-3	Special Studies: Total	2,000	8,000	10,000	-	22,260	89,040	111,300	40,000	160,000	200,000	-	-	-	-	-	-	-	-	-	24,260	40,000	257,040	321,300
44.27.00	II-B-3	Special Studies: Staff Time - ITS Work with NCDOT &	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000
44.27.00	II-B-3	Special Studies: Staff Time - Safe Streets for All	-	-	-	-	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
44.27.00	II-B-3	Special Studies: Consultant - Intelligent Trans Systems (ITS)	-	-	-	-	20,000	80,000	100,000	40,000	160,000	200,000	-	-	-	-	-	-	-	-	-	20,000	40,000	240,000	300,000
44.27.00	II-B-3	Special Studies: Consultant - Compensation Analysis	-	-	-	-	1,260	5,040	6,300	-	-	-	-	-	-	-	-	-	-	-	-	1,260	-	5,040	6,300
	III-A	Planning Work Program	800	3,200	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800	-	3,200	4,000
44.21.00	III-A-1	Planning Work Program	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000
44.24.00	III-A-2	Metrics and Performance Measures	600	2,400	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600	-	2,400	3,000
44.25.00	III-B	Transp. Improvement Plan	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.25.00	III-B-1	Prioritization	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000
44.25.00	III-B-2	Metropolitan TIP	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
44.25.00	III-B-3	Merger/Project Development	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
44.27.00	III-C	Cvl Rgts. Cmp./Otr .Reg. Regs.	1,660	6,640	8,300	-	-	-	-	-	-	-	-	-	-	-	590	590	4,720	5,900	-	2,250	590	11,360	14,200
44.27.00	III-C-1	Title VI Compliance	100	400	500	-	-	-	-	-	-	-	-	-	-	-	140	140	1,120	1,400	-	240	140	1,520	1,900
44.27.00	III-C-2	Environmental Justice	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000
44.27.00	III-C-3	Minority Business Enterprise Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	60	480	600	-	60	60	480	600
44.27.00	III-C-4	Planning for the Elderly	60	240	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	240	300
44.27.00	III-C-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.27.00	III-C-6	Public Involvement	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	390	390	3,120	3,900	-	1,390	390	7,120	8,900
44.27.00	III-C-7	Private Sector Participation	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500
44.27.00	III-D	Statewide & Extra-Regional Planning	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.27.00	III-D	Statewide & Extra-Regional Planning	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.27.00	III-E	Management Ops, Program Suppt Admin	51,810	207,240	259,050	-	224,080	896,320	1,120,400	-	-	-	-	-	-	-	5,333	5,331	42,652	53,316	76,000	357,223	5,331	1,146,212	1,508,766
44.27.00	III-E	Management Operations	51,810	207,240	259,050	-	224,080	896,320	1,120,400	-	-	-	-	-	-	-	5,333	5,331	42,652	53,316	76,000	357,223	5,331	1,146,212	1,508,766
FY25 TOTALS:			87,550	350,200	437,750	8,200	264,640	1,058,560	1,323,200	40,000	160,000	200,000	-	-	-	-	11,553	11,551	92,412	115,516	76,000	439,743	51,551	1,669,372	2,160,666
			Local	Federal	Total	Total / Federal	Local	Federal	Total	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total
			PL 104(f)			PL Y410 SATO	STBG-DA			STBG-DA			Safe Streets for All				5303 - Normal Planning				Additional	Totals			

WMPO FY24 Task and Cost Allocations - Carry Forward			FHWA/TPD Planning - PL104(f)			FHWA/TPD Planning - PL-Y410	FHWA/TPD Planning - STBG-DA			FHWA/TPD Planning - STBG-DA			FHWA - Safe Streets 4 All				FTA/IMD - 5303 - Normal Planning				Additional	FY24 CARRY FORWARD TOTALS			
			WBS #: 50853.1.18			WBS #: 50902.1.1	WBS #: 44094.1.5			WBS #: TBD			WBS #: TBD				N/A - FY24 Does Not Carry Forward				Funds				
FTA CODE	TASK CODE	TASK DESCRIPTION	Local 20%	Federal 80%	Total 100%	Total 100%	Local 20%	Federal 80%	Total 100%	Local 20%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local (100%)	Local Totals	State Totals	Federal Totals	Grand Totals
	II-B	Planning Process	-	-	-	-	9,080	36,320	45,400	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	50,000	50,000	400,000	545,400
44.27.00	II-B-3	Special Studies: Consultant - Safe Streets for All	-	-	-	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	50,000	50,000	400,000	500,000
44.27.00	II-B-3	Special Studies: Consultant - 2050 MTP Development	-	-	-	-	9,080	36,320	45,400	-	-	-	-	-	-	-	-	-	-	-	-	9,080	-	36,320	45,400
FY 24 CONTINUANCE TOTALS:			-	-	-	-	9,080	36,320	45,400	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	59,080	50,000	436,320	545,400
			Local	Federal	Total	Total	Local	Federal	Total	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total
			PL 104(f)			PL Y410 SATO	STBG-DA			STBG-DA			Safe Streets for All				5303 - Normal Planning				Additional	Totals			

Combined Total of FY25 and FY24 Continuance	PL 104(f)			PL Y410 SATO	STBG-DA			FHWA/TSMO Planning - SPR			Safe Streets for All				5303 - Normal Planning				Additional	FY25 & FY24 Combined Total				
	Local	Federal	Total	Total / 100% Federal	Local	Federal	Total	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total	
TOTALS:	87,550	350,200	437,750	8,200	273,720	1,094,880	1,368,600	40,000	160,000	200,000	50,000	50,000	400,000	500,000	11,553	11,551	92,412	115,516	76,000	498,823	101,551	2,105,692	2,706,066	

Anticipated DBE Contracting Opportunities for FY 2025

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky

Telephone Number: 910-342-2781

Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-B-3	Special Studies: Consultant Intelligent Transportation System Plan	NC DOT	Consultant	\$240,000	\$300,000
II-B-3	Special Studies: Consultant Safe Streets & Roads for All	City of Wilmington	Consultant	\$400,000	\$500,000
II-B-3	Special Studies: Consultant Compensation Analysis	City of Wilmington	Consultant	\$5,040	\$6,300
II-B-3	Special Studies: Consultant MTP Development FY24 STBG-DA Carry Forward FY24 PO # 7500025866	City of Wilmington	Consultant	\$36,320	\$45,400

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ADOPTING THE FY 2025 UNIFIED PLANNING WORK
PROGRAM FOR THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Wilmington Urban Area; and

WHEREAS, the City of Wilmington has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program (Section 5303) funds and Federal Highway Administration Metropolitan Planning (Section 104(f)) funds; and

WHEREAS, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2024-2025.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the FY 2024-2025 Planning Work Program for the Wilmington Urban Area.


ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2024.

I, Luke Waddell, Sr., Vice Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 27th day of March 2024.

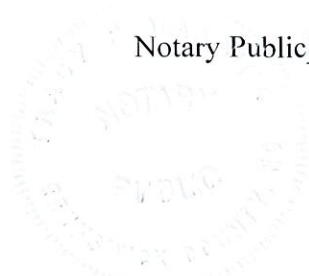


Luke Waddell Sr., Vice Chair

*****Subscribed and sworn to me this 27th day of March, 2024.

Notary Public 

My commission expires August 15, 2025



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT # 1 TO THE FISCAL YEAR 2025
UNIFIED PLANNING WORK PROGRAM**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Fiscal Year (FY) 2025 Unified Planning Work Program documenting the continuing, cooperative, and comprehensive transportation planning program in the Wilmington Urban Area was adopted by the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2024; and

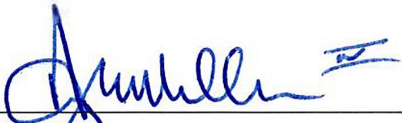
WHEREAS, the need for amendments to the FY 2025 Unified Planning Work Program has been evaluated and justified in order to effectively advance transportation planning for FY 2025; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the FY 2025 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization proposes amendments to the FY 2025 Unified Planning Work Program to reflect current and anticipated expenditures.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment # 1 to the FY 2025 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 31, 2024.



Henry E. Miller III, Chair



Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT # 2 TO THE FISCAL YEAR 2025
UNIFIED PLANNING WORK PROGRAM**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Fiscal Year (FY) 2025 Unified Planning Work Program documenting the continuing, cooperative, and comprehensive transportation planning program in the Wilmington Urban Area was adopted by the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2024; and

WHEREAS, the Board of the Wilmington Urban Area Metropolitan Planning Organization adopted Amendment #1 on July 31, 2024; and

WHEREAS, the need for amendments to the FY 2025 Unified Planning Work Program has been evaluated and justified in order to effectively advance transportation planning for FY 2025; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the FY 2025 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization proposes amendments to the FY 2025 Unified Planning Work Program to reflect current and anticipated expenditures.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment # 2 to the FY 2025 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

2025 Wilmington Urban Area Metropolitan Planning Organization (WMPO) Self-Certification Process

Introduction

CFR 450.336 requires the North Carolina Department of Transportation (NCDOT) and the Wilmington Urban Area Metropolitan Planning Organization (MPO) to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their planning processes are addressing the major issues facing the urban area and is being conducted in accordance with all applicable requirements of:

- Section 134 of Title 23 U.S.C., section 8 of the Federal Transit Act (49 U.S.C. app. 1607); and
- Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); and
- Title VI of the Civil Rights Act of 1964 and Title VI assurance executed by each state under 23 U.S.C. 324 and 29 U.S.C. 794; and
- Section 103 (b) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) (Public Law 102-240) regarding the involvement of disadvantaged business enterprises (DBE) in the FHWA and FTA funded planning projects; and
- The provisions of the Americans with Disabilities Act of 1990 (ADA) (Public Law 101-136) 104 Stat. 327, as amended and U.S. DOT regulations “Transportation for Individuals with Disabilities” (49 CFR parts 27, 37, and 38).

In addition, the following checklist was provided by NCDOT to help guide the Wilmington Urban Area MPO as they review their processes and programs for self-certification. There are several transportation acronyms that have been defined above and several more that will be used frequently below including: CFR – Code of Federal Regulations; U.S.C. – United States Code; MTP – Metropolitan Transportation Plan; CMP – Congestion Management Process/Plan; TIP – Transportation Improvement Program; TMA – Transportation Management Area; and, EO – Executive Order.

The MPO’s responses are in **bold**.

Self-Certification Checklist

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance with procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]

Response: Yes.

2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U. S. C. 5303 (c) 23 CFR 450.306 (i)]

Response: Yes.

The Wilmington Urban Area Metropolitan Planning Organization Board (MPO Board) is comprised of 12 elected officials and one appointed member from the NC Board of Transportation. The Cape Fear Public Transportation Authority (Wave Transit) is represented on the WMPO Board by a New Hanover County Commissioner that serves on the Wave Board.

3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the next 20-year forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)]

Response: Yes.

In 2023 the WMPO reviewed its planning area boundary to ensure the recently defined urbanized area (UA) boundary, as designated by the 2020 Decennial Census, and anticipated urbanized area within the next 20 years, were included within its extents. The WMPO Board determined that no changes to the WMPO planning area boundary were necessary.

4. Is there a currently adopted (Unified) Planning Work Program (U/PWP)? 23 CFR 450.314?

Response: Yes.

- a. Is there an adopted prospectus?

Response: Yes.

- b. Are tasks and products clearly outlined?

Response: Yes.

- c. Is the U/PWP consistent with the MTP?

Response: Yes.

Work tasks in the UPWP align with work necessary for the development and implementation of the adopted MTP.

- d. Is the work identified in the U/PWP completed in a timely fashion?

Response: Yes.

5. Does the urban area have a valid transportation planning process?

23 U.S.C. 134; 23 CFR 450

Response: Yes.

As indicated in the WMPO's 2023 federal certification review.

a. Is the transportation planning process continuous, cooperative, and comprehensive?

Response: Yes.

b. Is there a valid MTP?

Response: Yes.

c. Did the MTP have at least a 20-year horizon at the time of its adoption?

Response: Yes.

d. Does it address the 10 planning factors?

Response: Yes.

e. Does it cover all modes of transportation applicable to the area?

Response: Yes.

f. Is it financially constrained?

Response: Yes.

g. Does it include funding for the maintenance and operation of the system?

Response: Yes.

h. Does it conform to the State Implementation Plan (SIP) if applicable?

Response: Yes.

i. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)?

Response: Yes.

The currently adopted MTP, Cape Fear Moving Forward 2045 was adopted by the WMPO Board on November 18, 2020. Work is underway on the development of the WMPO's next MTP, Cape Fear Navigating Change 2050, to be adopted by November 18, 2025.

6. Is there a valid TIP? 23 CFR 450.324, 326, 328, 332

Response: Yes.

a. Is it consistent with the MTP?

Response: Yes.

b. Is it fiscally constrained?

Response: Yes.

Please see 5f above.

- c. Is it developed cooperatively with the state and local transit operators?
Response: Yes.
 - d. Is it updated at least every 4 years and adopted by the MPO and Governor?
Response: Yes.
7. Does the urban area have a Congestion Management Process (CMP)? (TMA only)
23 CFR 450.320
Response: Yes.
- a. Is it consistent with the MTP?
Response: Yes.
 - b. Was it used for the development of the TIP?
Response: Yes.
 - c. Is it monitored and reevaluated to meet the needs of the area?
Response: Yes.
The process and system performance are reviewed and reported every five years.
8. Does the urban area have a process for including environmental mitigation discussions in the planning process?
Response: Yes.
- a. How?
Response: In consultation with NCDOT.
 - b. Why not?
Response: N/A.
9. Does the planning process meet the following requirements:
- a. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart?
Response: Yes
 - b. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93
Response: N/A
 - c. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21
Response: Yes
 - d. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity
Response: Yes

- e. The appropriate sections of the current federal transportation funding bill regarding the involvement of disadvantaged business enterprises in USDOT funded projects
Response: Yes
 - f. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
Response: Yes
 - g. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38
Response: Yes
 - h. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
Response: Yes
 - i. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender
Response: Yes
 - j. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities
Response: Yes
 - k. All other applicable provisions of Federal law. (e.g. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations)
Response: Yes
10. Does the urban area have an adopted Public Involvement Plan (PIP)/Public Participation Plan? 23 CRR 450.316 (b)(1)
Response: Yes.
- a. Did the public participate in the development of the PIP?
Response: Yes.
 - b. Was the PIP made available for public review for at least 45-days prior to adoption?
Response: Yes.
 - c. Is adequate notice provided for public meetings?
Response: Yes.
 - d. Are meetings held at convenient times and at accessible locations?
Response: Yes.
 - e. Is the public given an opportunity to provide oral and/or written comments on the planning process?
Response: Yes.

f. Is the PIP periodically reviewed and updated to ensure its effectiveness?

Response: Yes.

It was amended in January 2023.

g. Are plans/program documents available in an electronic format, i.e. MPO website?

Response: Yes.

They are available at WMPO.org and GoCoastNC.org

11. Does the area have a process for including environmental, state, other transportation, historic, local land use, and economic development agencies in the planning process? (23 CFR 450.324(h))

Response: Yes.

a. How?

Response: The Technical Coordinating Committee (TCC) includes representation from several of these agencies. The TCC reviews and provides recommendations to the WMPO Board on all planning processes and activities. Additionally, the WMPO's MTP is guided by a technical steering committee with representatives from additional relevant agencies.

b. Why not?

Response: N/A.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION CERTIFYING THE WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION'S
TRANSPORTATION PLANNING PROCESS**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the Board has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and

WHEREAS, the Board has considered how the Transportation Planning Process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Section 1003(b) of ISTEA of 1991 (Pub. L. 102-240), Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); and

WHEREAS, the Board has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38); and

WHEREAS, the Metropolitan Transportation Plan has a planning horizon year of 2045, and meets all the requirements for an adequate Metropolitan Transportation Plan.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 27th day of March 2024.



Luke Waddell Sr., Vice Chair



Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT # 2 TO THE FISCAL YEAR 2025
UNIFIED PLANNING WORK PROGRAM**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the Fiscal Year (FY) 2025 Unified Planning Work Program documenting the continuing, cooperative, and comprehensive transportation planning program in the Wilmington Urban Area was adopted by the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2024; and

WHEREAS, the Board of the Wilmington Urban Area Metropolitan Planning Organization adopted Amendment #1 on July 31, 2024; and

WHEREAS, the need for amendments to the FY 2025 Unified Planning Work Program has been evaluated and justified in order to effectively advance transportation planning for FY 2025; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the FY 2025 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization proposes amendments to the FY 2025 Unified Planning Work Program to reflect current and anticipated expenditures.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment # 2 to the FY 2025 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE CITY OF WILMINGTON'S APPLICATION FOR THE U.S.
DEPARTMENT OF TRANSPORTATION / FEDERAL HIGHWAY ADMINISTRATION'S BRIDGE
INVESTMENT PROGRAM (BIP) GRANT FOR THE REPLACEMENT OF THE 4TH STREET BRIDGE
AND THE PINE GROVE DRIVE BRIDGE**

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation; and

WHEREAS, the U.S. Department of Transportation / Federal Highway Administration's (FHWA) Bridge Investment Program (BIP) is part of a larger suite of discretionary federal funding authorized under the Bipartisan Infrastructure Law (BIP), which aims to significantly improve and/or rebuild America's infrastructure across all fifty states and U.S. Territories; and

WHEREAS, the funding programs offered by the United States Department of Transportation and its agencies are historic in terms of the large size of the awards, with the BIP offering up to \$100 million per award; and

WHEREAS, applicants will be evaluated by FHWA in terms of how each proposed project addresses issues such as climate change, resiliency, equity, safety, and accessibility, among other concerns; and

WHEREAS, the BIP grant addresses these issues, funding the replacement, rehabilitation, preservation, and protection of bridges that are registered on the Federal Highway Administration's National Bridge Inventory (NBI) and in a particular State of Good Repair. NBI Bridges are designated as being in either Poor condition, or in Fair condition, but will fall into Poor condition within three years are eligible for the grant program; and

WHEREAS, the City of Wilmington (City) has identified two of such bridges—the 4th Street Bridge and the Pine Grove Bridge—both of which are currently rated in Fair condition but will fall into Poor condition within three years; and

WHEREAS, each bridge replacement will align with current DOT standards and be designed with improved safety, accessibility, mobility, and climate change concerns for all potential road users; and

WHEREAS, the 4th Street Bridge is a three span bridge that was built in 1950 with a design loading rate of 25 tons. Since 2016, the load bearing capacity of the bridge has been steadily restricted and is now at 10 tons. This means that the bridge can no longer accommodate buses and emergency response vehicles. The replacement of the 4th Street Bridge was marked as a high priority item in the City's Bridge Asset Management Plan and is to be replaced with a new three span bridge; and

WHEREAS, in cooperation with the North Carolina Department of Transportation (NCDOT), the replacement of the 4th Street Bridge is being coordinated with the potential future extension of passenger rail. This passenger rail will pass under 4th Street Bridge, and will develop alongside the first phase of the City's Downtown Trail project. The identified project area within the City is a Historically Disadvantaged Community and an area of Persistent Poverty, and the improvement would contribute to providing greater economic vitality to the neighborhood, with enhanced multimodal access for residents who do not have cars and primarily use transit or walk. All three projects will therefore act in concert to provide the surrounding neighborhoods and the greater Wilmington region with improved access to local businesses, houses of worship, jobs, medical facilities, and home; and

WHEREAS, the Pine Grove Bridge was built in 1976 and is currently an approximately 60 linear foot cored slab bridge over Hewlett's Creek. High traffic volumes and deterioration of the substructure has degraded the bridge over time. It is anticipated that continued deterioration will result in future load restrictions; and

WHEREAS, maintaining a high level of service on this primary north-south corridor for the City of Wilmington, towns of Carolina Beach and Kure Beach, and the southern portion of unincorporated New Hanover County is essential to provide emergency services access for nearby Fire Station and EMS facilities, in addition to connectivity to medical, commercial, and residential areas along the Pine Grove Drive corridor and beyond. Future load restrictions on the bridge would impact emergency response times as well as force additional traffic to South College Road. As such, the City considers the replacement of the Pine Grove Bridge as a high priority item, as is reflected in the Bridge Asset Management Plan; and

WHEREAS, the new structure that will replace the current Pine Grove Drive bridge will be an approximately 600 linear foot bridge spanning the coastal wetlands. The proposed bridge will have an increased load capacity, allow for the removal of the existing causeway and consequently provide an environmental benefit through the natural restoration of coastal wetlands. The longer and higher bridge will also improve the vertical clearance from the water surface to the low chord of the bridge. This will address concerns about future sea level rise due to climate change in addition to improving access to the navigable channel under the bridge. A 10' multi-use path will be implemented on the bridge to facilitate future connection of the Greenville Loop Trail to the Masonboro Loop Trail, which will allow residents and guests of the region improved access to area amenities; and

WHEREAS, the proposed BIP grant funding will be an integral part of transforming the existing bridges to better serve the needs of the City's residents and visitors from a variety of angles that will address safety, mobility, accessibility, the environment, resiliency, among other pressing issues; and

WHEREAS, these projects are vital to the emergency preparedness and economic vitality of not only Wilmington, but the greater Wilmington metropolitan area.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the City of Wilmington's application to the U.S. Department of Transportation / Federal Highway Administration's Bridge Investment Program for the 4th Street Bridge and Pine Grove Bridge replacement projects.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2024.

Henry E. Miller, III, Chair

Mike Kozlosky, Secretary

Proposed Modificaitons
2024-2033 STIP/MPO TIP Programs
Amendment #24-9

STATEWIDE PROJECT

STIP MODIFICATIONS

* C-5600VA	- STATEWIDE PROJECT	QUEEN CITY EXPRESS, WILMINGTON TO CHARLOTTE.	OTHER	FY 2025 -	<u>\$250,000</u>	(CMAQ)
STATEWIDE		SUBSIDY FOR INTERMODAL RAIL SERVICE BETWEEN			\$250,000	
PROJ.CATEGORY		PORT OF WILMINGTON AND CHARLOTTE.				
EXEMPT		<u>ADD PROJECT AT THE REQUEST OF RAIL AND PORT</u>				
		<u>DIVISIONS. ADD OPERATIONS FUNDS IN FY 25.</u>				

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
Amendment 24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HL-0110 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SOUTH 3RD STREET, INSTALLATION OF TRAFFIC SIGNAL WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ORANGE STREET. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGH-OF-WAY FROM FY 24 TO FY 25.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2023 - FY 2025 - FY 2025 - FY 2025 - FY 2025 - FY 2026 -	\$47,000 \$12,000 \$237,000 \$59,000 \$219,000 \$1,000 \$54,000	(BGDA) (HF) (BGDA) (HF) (BGDA) (HF) (HF)	
							\$629,000
HS-2003A NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1217 (17TH STREET), INSTALL NEAR SIDE SIGNAL HEADS ON PEDESTAL ON BOTH SIDES OF SR 1217 (17TH STREET) AT DOCK STREET IN WILMINGTON. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$19,000 \$15,000	(HSIP) (HSIP)	\$34,000
HS-2003AI NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117/NC 132 (COLLEGE ROAD), AT SR 2160 (LONG RIDGE ROAD). INSTALL TRAFFIC SIGNAL WITH PEDESTRIAN ACCOMMODATIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$4,000 \$435,000	(HSIP) (HSIP)	\$439,000
HS-2003AQ NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 2817 (17TH STREET), AT CASTLE STREET IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND SIGNS, AND INSTALL PEDESTRIAN SIGNALS AND CURB BUMP OUTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$1,000 \$140,000	(HSIP) (HSIP)	\$141,000

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
Amendment 24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HS-2003AS BRUNSWICK PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74/76 (ANDREW JACKSON HIGHWAY), EASTBOUND RAMP AT SR 1426 (LANVALE ROAD). INSTALL TRAFFIC SIGNAL. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$2,000	(HSIP)
				FY 2026 -	\$235,000	(HSIP)
					\$237,000	
HS-2403A NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1216 (16TH STREET); SR 1217 (17TH STREET), QUEEN STREET AND CASTLE STREET INTERSECTIONS; QUEEN STREET INTERSECTION IN WILMINGTON. INSTALL CROSSWALKS AND OTHER PEDESTRIAN IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$4,000	(HSIP)
				FY 2026 -	\$399,000	(HSIP)
					\$403,000	

WILMINGTON URBAN AREA MPO
September 2024

CAPE FEAR NAVIGATING CHANGE

Project Description/Scope: The WMPO has begun the planning process for our region's 2050 Metropolitan Transportation Plan (MTP), Cape Fear Navigating Change 2050. A long-range Metropolitan Transportation Plan for the region is federally required and must be developed, updated, and adopted by the WMPO every five years. The final plan will be used by federal, state, and local governments to guide decision-making for transportation projects in our region over the next 25 years, including which projects receive state or federal funding, the design and location of local roadways, coordinating land use and development, and identifying projects for further plans and studies. Planning activities began in April of 2023 with plan adoption expected in November of 2025.

2050 MTP Financial Element

WMPO staff is continuing to work with consultant Kimley-Horn on identifying cost estimates for draft projects, exploring alternative funding sources, and fiscally constraining roadway projects. The financial element entails a review process to assess alignment between submitted modal project to available funding and overall fiscal feasibility.

Project Status and Next Steps:

- Initial cost estimation and fiscal constraints for submitted roadway projects have been received and are currently under review by staff.
- Initial revenue forecasting for all modes have been received and are currently under review by staff
- The next steps include continued collaboration between the WMPO and Kimley-Horn to ensure comprehensive coverage of all relevant factors.
- A comprehensive update on all reviewed projects and their financial implications will be provided to the TCC and Board in Fall 2024. This update will include a ranked draft project list complete with cost estimates.

2050 MTP TSMO Chapter

WMPO staff began researching Transportation Systems Management and Operations (TSMO) strategies for the 2050 MTP in Summer 2024. TSMO strategies aim to optimize the performance of the existing transportation system, including to increase roadway capacity, reduce congestion, and improve safety and security.

Project Status and Next Steps:

- WMPO staff are conducting research on current TSMO strategies recommended by the FHWA and other transportation agencies, as well as current federal or state laws, regulations, or programs related to TSMO.
- TSMO strategies will be described within the MTP in chapter which will include a table which outlines the applicability, feasibility, cost, and impact of each.
- Next steps include concluding research and putting together text and photos/illustrations.
- A draft of the 2050 MTP which includes the TSMO chapter will be provided to the TCC and MTPC in Summer 2025.

NCDOT IMD FEASIBILITY STUDY GRANTS

In July 2022, the North Carolina Department of Transportation (NCDOT) was allocated \$2 million in one-time funding from the North Carolina General Assembly to establish a Paved Trails Feasibility Study

Program. The Integrated Mobility Division (IMD) was also awarded \$500,000 in State Planning and Research (SP&R) funds to support sidewalk and shared-use path feasibility studies. The purpose of the Paved Trails and Sidewalk Feasibility Studies Grant Program is to improve the pipeline of bicycle and pedestrian projects accessing state and federal funding, resulting in successful implementation of projects led by communities prioritizing multimodal infrastructure.

Wilmington Downtown Trail Phases 2 & 3:

The Downtown Trail will eventually connect the River to Sea Bikeway to the future Multimodal Transportation Center, Cape Fear Community College, and the Riverwalk. In between these locations, the trail will provide a recreational facility for several communities in proximity to the downtown. The project currently consists of three phases. The first phase, from 3rd Street to Archie Blue Park, is in the preliminary engineering phase. The purpose of this study would be to assess the feasibility of constructing Phases 2 and 3. A scoping meeting with NCDOT IMD and the selected consultant, Kittelson, was held on May 2, 2023.

Project Status and Next Steps:

- The first steering committee took place on October 17, 2023.
- The first public outreach sessions took place October-December 2023. Public engagement consisted of in-person events and an online survey that included an online comment map. In all, 486 survey responses were collected, 352 map comments were received, and 59 in-person conversations were conducted.
- The second steering committee meeting was held May 8, 2024.
- The second public outreach session was conducted during summer 2024. Public engagement consisted of two in-person events (listed below) and an online survey open June through July 15, 2024. 500 survey responses were received with 58 in-person conversations.
 - Frankie's Outdoor Market, 6/15/24
 - Nir Family YMCA, 6/18/24
- The final steering committee meeting is upcoming.
- Draft study report anticipated in summer 2024.

Gullah Geechee Heritage Trail:

The purpose of this study would be to assess the feasibility of constructing a 10'-12' multi-use path facility in the Gullah Geechee Heritage Corridor from Phoenix Park in Navassa to Brunswick Nature Park in unincorporated Brunswick County. The Gullah Geechee Heritage Corridor is designated as a Cultural Heritage Area by U.S. Congress, presenting an opportunity to educate the public about the history of the Gullah Geechee people and highlight historical sites within Brunswick County. A scoping meeting with NCDOT IMD and the selected consultant, Kittelson, was held on May 2, 2023.

Project Status and Next Steps:

- The first steering committee took place in September 2023.
- The first public outreach sessions took place during September/October 2023. There was an online survey open through the entire month of October as well. 370 surveys were completed with 120+ in-person conversations during this round of public outreach.
- The second steering committee took place on January 4, 2024.
- The second public outreach session took place in March 2024. An online survey, which received 137 responses, was available throughout March and three public meetings were held to collect input.
- The third and final steering committee meeting was held on June 12, 2024. The steering committee was provided a presentation on the draft recommended preferred alignment.
- The final study report was received on August 6, 2024.

- Presentations to the WMPO Board and four Brunswick County jurisdictions in September prior to requesting consideration by governing boards for adoption.

SITE DEVELOPMENT REVIEW

Project Descriptions/Scope: The Wilmington Urban Area MPO assists with site development and Transportation Impact Analysis review for the MPO's member jurisdictions. During the last month, staff has reviewed the following development proposals:

Site Plan Reviews:

- New Hanover County Formal Plan Reviews: 12 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 14 reviews
- Town of Leland Informal Reviews: 3 reviews
- Town of Navassa Formal Plan Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Town of Carolina Beach Concept Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 12 reviews
- Pender County Informal Reviews: 8 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 48 reviews (6 new, 42 on-going)
- City of Wilmington Informal Reviews: 15 reviews (2 new, 13 on-going)
- City of Wilmington Concept Reviews: 0 review (0 new, 0 on-going)
- City of Wilmington Full Releases: 5

TIA Reviews: 32 total active (1 new; 31 under review; 4 approved, 2 waivers)

- New Hanover County 9 (1 new, 8 under review, 1 approved),
- City of Wilmington 10 (0 new, 7 under review, 1 approved, 2 waivers),
- Carolina Beach 1, (0 new, 1 under review, 0 approved),
- Town of Belville 0,
- Town of Leland 4 (0 new, 4 under review, 0 approved),
- Town of Navassa 0, (0 new, 0 under review, 0 approved),
- Pender County 7 (0 new, 7 under review, 2 approved) and
- Brunswick County 4 (0 new, 4 under review, 0 approved)

BL-0040 NEW HANOVER COUNTY - Middle Sound Loop Extension/Connector Construction & Porters Neck Walmart Connector Construction

Project Description/Scope: construction of bicycle/pedestrian trails along Middle Sound Loop Road from Red Cedar Road to Publix commercial lot. Also construct trails along US 17 Business (Market Street) from Mendenhall Drive to Porter's Neck Wal-Mart commercial lot.

Project Status and Next Steps:

- New Hanover County is submitting encroachment agreement to NCDOT for approval
- 90% construction drawings submitted in EBS
- New Hanover County is resubmitting expired categorical exclusion documentation
- New Hanover County is preparing documents for bidding
- Once all of these are complete, we will submit for approval to bid from NCDOT.
- Anticipate construction in October 2024 (9 mos. construction)

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE

Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Duke Energy Utility Relocations - In Progress
- Construction Authorization requested August 20, 2024
- Advertise for Bid – Late Summer/ Early Fall 2024
- Begin Construction – Early 2025
- Construction Complete – Early 2026

U-5534G –CITY OF WILMINGTON- HOOKER ROAD MULTI-USE PATH

Project Descriptions/Scope: The project consists of the construction of a 8' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Construction Authorization requested August 20, 2024
- Advertise for Bid – Late Summer/ Early Fall 2024
- Begin Construction – Early 2025
- Construction Complete – Early 2026

U-5534H –CITY OF WILMINGTON- HINTON AVE MULTI-USE PATH

Project Descriptions/Scope: This project consists of the construction of an 8' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Duke Energy Utility Relocations - In Progress
- Construction Authorization requested August 20, 2024

- Advertise for Bid – Late Summer/ Early Fall 2024
- Begin Construction – Early 2025
- Construction Complete – Early 2026

U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS

Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:

- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- A Pre-Con Meeting was held on February 28, 2024.
- Notice To Proceed (NTP) Date was March 11, 2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.
- All concrete and drainage work completed.
- Guardrail and Handrails installed.
- Signal work and Pavement Markings are scheduled to take place the week of August 19, 2024
- Pavement marking completed.
- Signal Work was scheduled with support from Sheriffs Department, but they were not able to supply required support at this time
- Revised schedule for Signal Work is 09/11/2024.
- Once this portion is completed, we will perform the punch walk for this project.

U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH

Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:

- Final plans & contract documents are being prepared for NCDOT review & approval
- CE Document has been approved
- Right-of-way authorization approved
- Town has obtained all three (3) of three (3) easements needed to construct path. Easements are in the process of being recorded.
- DOT encroachment application is being submitted
- All other documents have been provided to NCDOT Division 3 for right of way certification
- Request for construction funds authorization forthcoming

U-6235 – CITY OF WILMINGTON/NEW HANOVER COUNTY – SIGNAL PRE-EMPTION PHASE 2

Project Description/Scope: The project will install traffic pre-emption equipment at 50 locations throughout the City of Wilmington and New Hanover County and GPS equipment on emergency response vehicles.

Project Status and Next Steps:

- Design contract approved May 5, 2021, by City Council and execution is complete.
- 100% plans completed.
- Project received City Council and WMPO Board approval to request additional funding from NCDOT. A formal Change Request has been made to NCDOT.

- Project has received a 2-year extension to April 30, 2027, from NCDOT to allow additional funding requests, bidding, construction, and closeout.
- Expected project bid date is April 2025.

U-6039 – CAROLINA BEACH – ST. JOSEPH BIKE LANES

Project Description/Scope: Construct Bike Lanes along St. Joseph Avenue and Lewis Drive from Lake Park Boulevard to Access Drive in Carolina Beach

Project Status and Next Steps:

- NCDOT funding availability reopened January 25, 2021
- Town Council elected to move forward with the project
- Agreement executed with NCDOT on August 18, 2021
- Design discussions held with Kimley-Horn & Associates (KHA) on August 31, 2021
- Public meeting held on March 24, 2022, to present three (3) design alternatives for bike path on St. Joseph
- KHA presented to Town's Bike & Pedestrian Committee summary of comments on April 18, 2022
- KHA presented at Town Council regularly scheduled meeting on May 10, 2022
- Town Council approved Option 3 on May 10, 2022, as presented by KHA
- On May 25, 2022, project managers submit RFLOI to NCDOT prequalified engineering firms with a response deadline of June 8, 2022
- Responses to RFLOI reviewed by WMPO/Town of Carolina Beach
- On July 12, 2022, the Town of Carolina Beach selected KHA as the design firm
- On September 22, 2022, the Town received a Letter of Agreement from KHA for Scope of Services and Project Engineer Design Estimate.
- The Town has uploaded documentation via EBS portal for review and approval.
- The Town has obtained NCDOT approval in January 2023
- Project meeting with consultant held March 2023
- Project survey completed in July 2023
- Received 30% plans from Kimley Horn and submitted via EBS.
- FY24 grant awarded for estimated construction costs
- April 17 supplemental agreement has been fully executed.
- The Town, with Kimley Horn, held a public meeting April 23, 2024.
- Received approval for change request to add ROW as eligible expense.
- TOCB/NCDOT and consultant met on May 30, 2024, to discuss the status of the project
- Received 75% plans from Kimley Horn, submitted via EBS.
- Received supplemental agreement for ROW/TCE from Kimly Horn, submitted unexecuted copy via EBS.
- July 11, 2024, had a meeting with Kimley Horn to discuss Town comments on the 75% plans.
- Returned the signed supplemental agreement for acquisition of temporary construction easements to Kimley Horn and submitted via EBS.

BL-0118 North College Road Pedestrian Improvements

Project Description/Scope: Project consists of the construction of a ten-foot wide, two-plus mile MUP along N. College from Gordon Road to Northchase Parkway West. In addition, it includes a sidewalk on the east side of N. College from Sirius Drive to Murrayville Road and New Village Way to the signalized intersection at Danny Pence Drive.

Project Status and Next Steps:

- Right of way acquisition underway- 13/15 (86%) properties signed and completed (all 15 property owners have been contacted)

- 65% plans submitted to NCDOT for review and comment
- Level A SUE completed - identified potential utility conflicts (I think those have been ratified and a fix has been formulated)
- Design completion anticipated by December 2024

HL-0109 3rd Street/Ann Street Traffic Signal

Project Description/Scope: Project consists of the installation of a traffic signal at the intersection of 3rd Street and Ann Street in downtown Wilmington.

Project Status and Next Steps:

- Private Engineering Firm is currently working on the signal designs
- Tentatively planning to let this and 3rd/Orange projects together next spring

HL-0110 3rd Street/Orange Street Traffic Signal

Project Description/Scope: Project consists of the installation of a traffic signal at the intersection of 3rd Street and Orange Street in downtown Wilmington.

Project Status and Next Steps:

- Private Engineering Firm is currently working on the signal designs
- Tentatively planning to let this and 3rd/Ann together next spring

TASA-DA/CRRSAA/STIP

BL-0045 – DOWNTOWN GREENWAY PH. 1 DESIGN

Project Description/Scope: design and engineering for an approximately 2.2 mile long, 10' to 12' in width portion of the trail beginning at 3rd street in the Downtown within the NCDOT owned rail corridor to McRae St (defined in the Wilmington Rail Trail Master Plan); abutting the Dorothy B. Johnson Elementary School western parcel line; traversing east along CSX right-of-way to Archie Blue Park; and continuing north through Archie Blue Park, parallel to the creek and terminating at the Love Grove Bridge multi-use path facility.

Project Status and Next Steps:

- Agreement executed by NCDOT on April 20, 2022
- Award of contract to City on-call engineering consultant (WSP) by City Council on September 6, 2022.
- Notice to proceed issued on October 2, 2022.
- Supplemental scope of services for project management activities, NCDOT and CSX rail coordination, and additional survey tasks submitted on April 13, 2023, with NTP on additional services issued on June 12, 2023.
- Agreement reached with CSX regarding the trail crossing design and safety measures at King Street. Coordination for location of trail outside of King Street right-of-way continues between the City and CSX.
- NCDOT Rail Division contracted with WSP and has developed conceptual track and trail alignment within the corridor between 3rd Street and McRae Street. Verbal concurrence with this alignment has been given by NCDOT Rail Division.
- Draft MOU between NCDOT Rail and City of Wilmington pertaining to the future trail section within Wilmington Lead Corridor has been drafted by NCDOT, reviewed by City Staff, and sent to NCDOT for final review.

- City staff and WSP to provided presentations to both the Deputy City Manager and Design Review Committee in June on the City's coordination efforts during the past 18 months, project next steps, and remaining obstacles.
- A public input opportunity began in August and will end in mid September. The public is invited to review updated information about the design's development on the projects website and provide comments through a brief input survey. WMPO, City, and WSP staff attended a Northside Community dinner on 7/25 to provide project updates and hold discussions with citizens regarding the project. A second in-person engagement opportunity was held on August 15 from 5:30-7:30p at Archie Blue Park.

BL – 0059 TOWN OF KURE BEACH - FORT FISHER BOULEVARD/K AVENUE AND NORTH 3RD STREET PEDESTRIAN SAFETY IMPROVEMENTS

Project Description/Scope: This project entails intersection improvements at Ft. Fisher Boulevard and K Avenue to include high visibility crosswalks, ADA ramps, and pedestrian signals; and filling gaps in the sidewalk network on Ft. Fisher Boulevard and N. 3rd Street that will create a pedestrian network connected to the Ft. Fisher Boulevard and K Avenue intersection.

Project Status and Next Steps:

- Project kick-off meeting in March 2023
- Contract approved by Kure Beach Town Council in June 2023
- Meeting with NCDOT, WMPO, WithersRavenel, and Town of Kure Beach was held on August 8, 2023
- Survey started in September 2023
- 75% plans are currently under review
- Next steps: 90% plans and the NCDOT encroachment agreement

BL-0074 – TOWN OF LELAND- US 17 Pedestrian crossing at Olde Waterford Way/Ploof Road

Project Descriptions/Scope: Installation of signalized pedestrian crossing at the intersection of US 17/Olde Waterford Way/Ploof Road in Leland, NC

Project Status and Next Steps:

- NCDOT Agreement executed Aug 24, 2023
- PE funds authorized September 14, 2023
- Exult Engineering Contract fully executed Aug 19, 2024
- Survey and Design anticipated to commence September 2024
- Project Completion September 14, 2028

EB-5600 – S. 17TH STREET MULTI-USE PATH

Project Description/Scope: This project consists of the construction of a 10' multiuse path along South 17th Street from Harbour Drive to Shipyard Boulevard and the installation of crosswalks and pedestrian signal heads at the intersection of South 17th Street and Shipyard Boulevard.

Project Status and Next Steps:

- Agreement executed with NCDOT on May 24, 2022
- PE Authorization obtained on January 20, 2023
- Design kick-off meeting between City and RS&H staff held on January 31, 2023
- 25% Plans approved by NCDOT on February 12, 2024
- Redline Drainage Plans approved by NCDOT on April 22, 2024
- Environmental Document approved on May 7, 2024

- The design has been paused and the city will pursue additional funds through the MPO's DA program

EB-6025- TOWN OF BELVILLE- RICE HOPE MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI contract award in October 2022
- Construction authorization February 2023
- CE Consultation approved by NCDOT (revised b/c Tricolored Bat is on the potentially endangered species list. CE Consultation signed by both Withers Ravenel and NCDOT).
- NCDOT approved bid documents.
- Bid solicitation in September 2023
- Bid opening in October 2023
- Re-bid and opening in November 2023
- Request additional funds for construction January 2024
- Pre-construction meeting April 2024
- Minor re-design for sewer main
- Next steps: Construction start in October

EB- 6026- TOWN OF BELVILLE- BELVILLE ELEMENTARY- MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

Project Status and Next Steps:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI contract award in October 2022
- Construction authorization February 2023
- CE Consultation approved by NCDOT (revised b/c Tricolored Bat is on the potentially endangered species list. CE Consultation signed by both Withers Ravenel and NCDOT).
- NCDOT approved bid documents.
- Bid solicitation in September 2023
- Bid opening in October 2023
- Re-bid and opening in November 2023
- Request additional funds for construction January 2024
- Pre-construction meeting April 2024
- Minor re-design for sewer main
- Next steps: Construction start in October

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

Project Description: Design only of the Middle Sound Greenway connection to Publix

Project Status and Next Steps:

- New Hanover County is submitting encroachment agreement to NCDOT for approval

- New Hanover County is resubmitting expired categorical exclusion documentation
- 90% construction drawings submitted in EBS
- New Hanover County is preparing documents for bidding
- Once all of these are complete, we will submit for approval to bid from NCDOT.
- Anticipate construction in October 2024 (9 mos. construction)

EB-6028 —CITY OF WILMINGTON- 21ST STREET/MARKET HAWK SIGNAL

Project Description: Design and construction of a HAWK signal at the pedestrian crossing at Market Street and 21st Street

Project Status and Next Steps:

- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- A Pre-Con Meeting was held on 02/28/2024.
- Notice To Proceed (NTP) Date is 03/11/2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.
- Material Submittals have been entered into the NC EBS Portal for approval.
- Design work on the signal arm mast has begun.
- Soils Testing and Design Work completed by contractor and submitted into the NCDOT EBS System for Approval.
- Supplemental Agreement to extend the timeline for EB-6028 has been submitted to NCDOT and is in the process of being signed off on by the City of Wilmington, NC.
- NCDOT approved the Mast Arm design and it is in the fabrication phase.
- NCDOT approved the Supplemental Agreement for additional time.
- Curb Ramps have been installed.
- Additional curb & gutter installed to replace bad section.
- Mast Arm Assembly is scheduled to be delivered by November 7, 2024.
- Once foundation plan is submitted and approved by NCDOT, it will be installed accordingly.

TC – 0021 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description/Scope: Cape Fear Public Transportation Authority (WAVE transit) currently has a total of 440 bus stops, 24 benches and 27 shelters. Shelters only represent 6% of our passenger amenities, while other NC agencies average 14%. To meet the peer average for statewide systems, CFPTA needs to install an additional twenty-six (26) benches and twenty (20) shelters. This project will support the installation of a total of nine (9) bus stop benches and ten (10) bus stop shelters along eight (8) transit routes located within the City of Wilmington. The project includes engineering and design, construction of concrete pads, ADA ramps, ADA access, and purchase and installation of durable bench and/or shelter, waste receptacle, and solar lighting, where applicable.

Project Status and Next Steps:

- The project was awarded funds in November 2021
- NC Board of Transportation approved the flex request in January 2023
- Flex request confirmed end of April 2023
- Letters from NCDOT transmitted May 23, 2023
- Contract awarded to Tolar
- Amenities will be deployed based on outcome of Short-Range planning review

TC-0027 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description: Passenger Facilities and amenities replacement, security, and improvement: acquire, construct, or replace structures, equipment, and systems that provide passenger

facilities and amenities for fixed route bus service in the Wilmington, NC UZA. Projects include acquisition and installation of bus shelters, lighting and landing platforms along existing routes; evaluation of a new customer service enclosure at Forden Transfer Station; and extension of fencing at Padgett Transfer Station.

Project Status and Next Steps:

- The fencing at Padgett was completed in May 2023 (132 linear feet at Padgett for \$3,565.00)
- Proposals were received as part of an Invitation to Bid for the shelters and benches in Spring 2023. Tolar was selected.
- A RFQ was issued in March for Forden Station designs to improve Customer Service Representative safety in the facility. A firm was selected to design those improvements in April.
 - Designs finalized in July and an Invitation to Bid was released August 30, 2024 with a deadline for submittals of September 23, 2024.
 - A notice to proceed for construction is expected by October 30, 2024, with construction expected to take 60 days.
- Amenities will be deployed based on outcome of Short-Range Transit Plan.

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: The TDM “Go Coast” program works to increase the use of alternative transportation by WMPO residents and decrease Vehicle Miles Traveled (VMT). The WMPO Board approved Cape Fear Change in Motion 2020, the short-range TDM Plan which will guide Go Coast initiatives from 2021 to 2025. This plan identifies seven short-range strategies to increase mobility options and reduce traffic in the WMPO region. These strategies are: Alternative Work Schedules, Bike Share Program, Carpool and Vanpool, Consulting for Telecommuting Opportunities, Fostering a Bicycle and Pedestrian Friendly Culture, Improved TDM-Focused Collaboration, and Personalized Commuter Plans.

Go Coast current initiatives and project status:

1. Go Coast Committee - The next regular Go Coast committee meeting will occur in-person on August 15, 2024, at 3 PM.
2. Bicycle Helmet Initiative – In April, the WMPO was awarded 100 children’s bicycle helmets through NCDOT’s Bicycle Helmet Initiative for distribution to children from low-income families with bicycle safety education. Staff is participating in outreach events throughout the year to distribute helmets to children and educate families on bicycle safety. So far 58 helmets have been distributed, with more distribution opportunities planned for August.
3. Short Range TDM plan update – WMPO staff have begun work to update the short-range TDM plan, *Cape Fear Change in Motion 2020*. A public engagement period to inform this update is scheduled for September through November 2024. Steering committee meetings are ongoing with the update scheduled for completion by November 2025.
4. Annual WMPO-organized bike rides – Planning has begun for the 34th Annual River to Sea Bike Ride and the 4th Annual Brunswick Heritage Riverside Ride. The rides will take place September 7, 2024, and September 28, 2024, respectively.
5. Get There Greener – Get There Greener is Go Coast’s sustainable transportation challenge which occurs annually in October. Participants log their miles traveled by alternative transportation for a chance to win prizes donated by local businesses. In August, WMPO staff will begin reaching

out to local businesses to participate in Get There Greener with a donation of gift cards/items of \$25-50 value. Additionally, staff is planning for a fall Bike to Work Day on Friday, October 11. Organizations/businesses will be encouraged to set up "pit stops" for bicyclists in the morning or evening commute, providing water, coffee, snacks, etc. to those who bike by, in addition to any swag/info they may choose to hand out.



Cape Fear Public Transportation Authority September 2024 Update

Public Hearing Scheduled for September 26, 2024 on Reimagine Wave Route Improvements

The Cape Fear Public Transportation Authority will hold a public hearing on Thursday, September 26, 2024 at 12:30pm at the Forden Station Board Room to consider the final recommended route and service improvements included in the Reimagine Wave Short-Range Transit Plan. Highlights of the improved service include:

- Wave's first ever frequent (15-minute) service, done by staggering departures
- New 30-minute Saturday service on Route 108
- Port City Trolley operating more frequently, later into the evening, and on Sundays on a seasonal basis
- Direct connection from Padgett Station to Mayfaire every hour on new Route 206 – Oleander Dr.
- Additional bus stops on College Road to improve access

Public outreach will continue through September 15 and detailed information for each individual route and schedule change can be found on the Wave website here:

<https://www.wavetransit.com/reimagine-wave-transit/>.



Ridership Update

Wave ridership figures for August 2024 were not finalized by the deadline for this update so these figures will be provided in the next update.

WMPO SEPTEMBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DDRL	U-6202	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	NEW HANOVER	2024.11.19
Brian Harding	LAP	HL-0109	SOUTH 3RD STREET INSTALLATION OF TRAFFIC SIGNALS WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ANN STREET IN WILMINGTON.	NEW HANOVER	2025.05.15
Trace Howell	DDRL	R-3300A	US 17 HAMPSTEAD BYPASS FROM US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210	NEW HANOVER, PENDER	2025.07.15
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2025.09.18*
Brian Harding	LAP	HL-0110	SOUTH 3RD STREET INSTALLATION OF TRAFFIC SIGNALS WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ORANGE STREET IN WILMINGTON.	NEW HANOVER	2025.09.30
Derek Pielech	LET	15BPR.142	BRIDGE PRESERVATION. BRIDGE 090096 OVER US 74 & US 76 ON US 17; BRIDGE 090198 OVER ICW & NC 179 ON SR 1172.	BRUNSWICK	2026.09.15
Trace Howell	DDRL	U-5710	US 74 (EASTWOOD ROAD) SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION - CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	NEW HANOVER	2026.09.15
Brian Harding	DDRL	U-5734	US 421 (SOUTH FRONT ST.) FROM US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) WIDEN TO MULTI-LANES.	NEW HANOVER	2027.06.15
Brandon Powers	DPOC	U-5954	NC 133 (CASTLE HAYNE ROAD) AT NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	NEW HANOVER	2027.06.15
Derek Pielech	DPOC	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2027.07.03
David Stutts	DPOC	BR-0008	BRIDGE PRESERVATION. BRIDGE 7 ON US 17 OVER US 76. THIS IS PART OF THE INTERCHANGE WEST OF THE CFMB.	BRUNSWICK	2027.09.21
Derek Pielech	DPOC	B-5653	PENDER BRIDGE 14 ON NC 133 OVER TURKEY CREEK.	PENDER	2028.01.20
Derek Pielech	DPOC	HB-0040	REPLACE BRIDGE 21 OVER BANKS CHANNEL ON US 76 (CAUSWAY DRIVE); REPLACE BRIDGE 22 OVER LEES CUT ON US 74 (W SALISBURY STREET); AND REPLACE BRIDGE 24 OVER BANKS CHANNEL ON US 74 (W SALISBURY STREET) IN WRIGHTSVILLE BEACH.	NEW HANOVER	2028.03.21
Trace Howell	DDRL	U-5792	US 74 (MARTIN LUTHER KING JR. PARKWAY) AT US 117/NC 132 (COLLEGE ROAD). CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	NEW HANOVER	2028.06.20
Trace Howell	DDRL	U-3338C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MARTIN LUTHER KING JR PARKWAY).	NEW HANOVER	2028.06.20

WMPO SEPTEMBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Trace Howell	DDRL	U-5790	US 421 (CAROLINA BEACH ROAD) FROM NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONTRUCT FLYOVERS AT US 421 AND NC 132. INCLUDES U-5859.	NEW HANOVER	2029.03.20
Brian Harding	DDRL	U-5731	US 74 AT US 17/US 421, CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	NEW HANOVER	2029.06.19
Brian Harding	DPOC	U-6128	US 76 (OLEANDER DRIVE) NEW HANOVER COUNTY AT GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.	NEW HANOVER	2029.06.21
Brian Harding	DDRL	U-5729	US 421 (CAROLINA BEACH ROAD) FROM US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON UPGRADE ROADWAY.	NEW HANOVER	2029.07.17
Zach Howard	DDRL	U-4902C	US 17 BUSINESS (MARKET STREET) FROM NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	NEW HANOVER	2029.08.21
Trace Howell	DDRL	U-6199	VARIOUS, WILMINGTON CITYWIDE SIGNAL SYSTEM.	NEW HANOVER	2030.01.15
Trace Howell	DPOC	U-6201	SR 1175 (KERR AVENUE) FROM SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	NEW HANOVER	2030.01.17
Trace Howell	DDRL	U-4434	WILMINGTON, INDEPENDENCE BLVD EXT FROM RANDALL PARKWAY TO MARTIN LUTHER KING, JR. PARKWAY.	NEW HANOVER	2030.12.17
Trace Howell	DDRL	U-5732	US 17 FROM SR 1582 (WASHINGTON ACRES ROAD) TO VISTA LANE. ACCESS MANAGEMENT.	PENDER	2031.01.21*
Trace Howell	DDRL	U-5702A	NC 132 (COLLEGE ROAD) FROM SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD).	NEW HANOVER	2031.02.18
Trace Howell	DDRL	U-5704	NC 132 (COLLEGE ROAD) AT US 76 (OLEANDER DRIVE).	NEW HANOVER	2031.03.18
Trace Howell	DDRL	U-5881	US 117 /NC 132 (COLLEGE ROAD) FROM SOUTH OF SR 1272 (NEW CENTRE DRIVE) TO US 17 BUSINESS (MARKET STREET). UPGRADE ROADWAY.	NEW HANOVER	2031.05.20
Zach Howard	DDRL	U-4902B	US 17 BUSINESS (MARKET STREET) FROM THE CSX RAILROAD TO CINEMA DRIVE AND FROM JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD).	NEW HANOVER	FY
Trace Howell	DDRL	U-5702B	NC 132 (COLLEGE ROAD) FROM US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD) ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	NEW HANOVER	FY

WMPO SEPTEMBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DDRL	U-5863	NC 133 (CASTLE HAYNE ROAD) FROM I-140 / US 17, WILMINGTON BYPASS TO SR 1310 (DIVISION DRIVE) WIDEN TO MULTI LANES.	NEW HANOVER	FY

*Dates are subject to change.

Update provided: 09/03/2024

PO: WMPO

Contact: Michelle Howes, mnhowes@ncdot.gov, 910.341.2001

WMPO SEPTEMBER PROJECTS UNDER CONSTRUCTION

Contract Number	Resident Eng	TIP/WBS /Program	County	Description	*Estimated Completion (year.month.date)	Percent Complete
C204331	Joshua Pratt		New Hanover	BANKS CHANNEL BRIDGE PRESERVATION.	2024.06.28	84.24%
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 IN BELVILLE FROM SR 1551 (BLACKWELL ROAD) TO SR 1554 (OLD RIVER ROAD).	2024.07.06	88.03%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.03.20	72.22%
C204319	Joshua Pratt	U-4902D	New Hanover	SUPERSTREET MEDIAN ON MARKET STREET (US 17 BUS) FROM MARSH OAKS DRIVE TO LENDIRE DRIVE.	2024.09.28	72.40%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210 TO NORTH OF SR 1563 (SLOOP POINT ROAD).	2027.12.14	47.30%

*Dates are subject to change.

WMPO SEPTEMBER RESURFACING PROJECTS					
Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
C204720	2024	PENDER	I-40 FROM WEST OF US-117 (MM-388) TO NC-210 (MM-408)	2024.06.02	88.31%
DC00445	2024	BRUNSWICK	VAROUS ROUTES	2024.10.01	90.20%
DC00437	2024	NEW HANOVER	RESURFACING VARIOUS ROUTES	2025.07.16	44.48%
C204833	2024	NEW HANOVER, PENDER	I-40 RESURFACING FROM MM-420 TO MM-408 AT NC-210 (I-6039)	2025.09.15	32.21%
DC00431	2024	BRUNSWICK	NC 130 & VARIOUS ROUTES	2024.05.31	52.66%
C204866	2024	BRUNSWICK	I-140 RESURFACING FROM US-17 TO NORTH OF US-74 (I-6036)	2025.06.15	0.00%
DC00448	2024	New Hanover	US 76 AND VARIOUS ROUTES. PEDESTRIAN IMPROVEMENTS AT WB (BL-0075)	2025.05.09	0.00%

Go!NC Portal for public information: [HMIP](https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e) (Highway Maintenance Improvement Program) GIS maps
<https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e>

*Dates are subject to change.

Update provided:

09/03/2024

PO: WMPO

Contact: Michelle Howes, mnhowes@ncdot.gov, 910.341.2001



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

September 2024

Amanda Killian
Transportation Engineer
NCDOT Transportation Planning Division
1 South Wilmington Street
Raleigh, NC 27601

SEPTEMBER TPD UPDATES WILMINGTON MPO

September 2024

FY25 Q1 Invoice: This will be due November 15th.

Wilmington Model: the TDM is ready for MPO project testing and will be official when the MPO adopts their MTP end of 2025.

Carteret County Comprehensive Transportation Plan (CTP): The Carteret County CTP is underway and currently in the recommendations review stage. The next meeting will be on Wednesday, September 4th at 2PM.

Brunswick County Comprehensive Transportation Plan (CTP): The CTP is now complete and has been adopted and endorsed by all local agencies as well as the NCDOT Board of Transportation.

Pender County Comprehensive Transportation Plan (CTP): The Pender County CTP steering committee had their last meeting on April 23rd. The meetings are on pause as the engineer is on maternity leave. The CTP, however, is ongoing. The Pender County CTP survey opened on June 1st and closed on September 1st. Just a reminder, the Pender County CTP does not cover the Wilmington MPO portion of the county.

Helpful Links:

Click on links below to learn more:

- NCDOT home page—[ncdot.gov](https://www.ncdot.gov)
- Real-Time Traffic—[DriveNC.gov](https://www.drive.nc.gov) | [North Carolina Traffic & Travel Information](https://www.ncdot.gov/traffic)
- Report a pothole—[NCDOT Contact Us Form](https://www.ncdot.gov/contact-us)
- NCDOT: State Transportation Improvement Program—[ncdot.gov/sti](https://www.ncdot.gov/sti)
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>
- Links to all traffic count data information—[Traffic Survey Group \(ncdot.gov\)](https://www.ncdot.gov/traffic-survey)

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27699

Telephone: 919 707 0980
Customer Service: 1-877-368-4968

Website: [ncdot.gov](https://www.ncdot.gov)

Location:
1554 MAIL SERVICE CENTER
RALEIGH, NC 27699

- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](https://www.ncdot.gov/traffic-volume-map)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](https://www.ncdot.gov/traffic-safety-data-engineering)
- NCDOT Comprehensive Transportation Plans (CTPs) – [Connect NCDOT - CTPs](https://www.ncdot.gov/transportation-plans)

NCDOT Statewide Plans:

To learn more, click on the following links:

- [NC Moves 2050 Plan](https://www.ncdot.gov/ncmoves) (or go to [ncdot.gov/ncmoves](https://www.ncdot.gov/ncmoves))
- [NCDOT Strategic Transportation Corridors](https://www.ncdot.gov/transportation-corridors) (or go to [ncdot.gov](https://www.ncdot.gov) and search: Strategic Transportation Corridors)
- [NCDOT Comprehensive State Rail Plan \(25-Year Vision\)](https://www.ncdot.gov/rail-plan) (or go to [ncdot.gov](https://www.ncdot.gov) and search: rail plan)
- [NC Statewide Multimodal Freight Plan \(2015-2040\)](https://www.ncdot.gov/multimodal-freight-plan) (or go to [ncdot.gov](https://www.ncdot.gov) and search: public transportation plan)
- [IMD Great Trails State Plan](https://www.ncdot.gov/great-trails) (or go to [ncdot.gov](https://www.ncdot.gov) and search: Great Trails)
- [Connecting North Carolinians to Opportunities](https://www.ncdot.gov/public-transportation-strategic-plan) (Public Transportation strategic Plan—2018) (or go to [ncdot.gov](https://www.ncdot.gov) and search: public transportation plan)
- [NCDOT Resilience Strategy Report \(2021\)](https://www.ncdot.gov/resilience-strategy-report) (or go to [ncdot.gov](https://www.ncdot.gov) and search: resilience strategy report)
- [Statewide Pedestrian & Bicycle Plan \(2013\)](https://www.ncdot.gov/bikeped/walkbikenc) (or go to [ncdot.gov/bikeped/walkbikenc](https://www.ncdot.gov/bikeped/walkbikenc))