



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

*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.*

**Wilmington Urban Area Metropolitan Planning Organization  
Board  
Meeting Agenda**

**TO:** Wilmington Urban Area MPO Board Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** October 19, 2023  
**SUBJECT:** October 25<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Board will be held on Wednesday, October 25, 2023, at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street downtown Wilmington. Members of the public, MPO Board Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. MPO Board member attendance will be subject to the adopted Remote Participation Policy. 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/83969107282>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in number: (309) 205-3325 or (312) 626-6799. And when prompted, enter:  
Meeting ID: 839 6910 7282

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentations
  - a. WAVE Ridership Update- Jon Dodson- Cape Fear Public Transportation Authority
- 7) Consent Agenda
  - a. Approval of Board Meeting Minutes from September 27, 2023 (p. 3-7)
  - b. Resolution approving the donations for prizes for the 2023 Get There Greener Challenge (p. 8-9)
  - c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #23-1 (p. 10-20)

Wilmington Urban Area Metropolitan Planning Organization

- 
- d. Resolution approving Amendment #1 to the FY 24 Unified Planning Work Program (p. 21-57)
  - 8) Regular Agenda
    - a. Resolution approving the amended list of Aviation Project Submittals for Prioritization 7.0 (p. 58-62)
    - b. Resolution approving the award of the Wilmington Urban Area MPO's FY 24 Direct Attributable funds (p. 63-66)
    - c. Resolution adopting the Wilmington Urban Area MPO's Smoothed Urbanized Area Boundary (p. 67-70)
  - 9) Discussion
    - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #23-2 (p. 71-73)
  - 10) Updates
    - a. Wilmington Urban Area MPO (p. 74-84)
    - b. Cape Fear Public Transportation Authority (p. 85)
    - c. NCDOT Division (p. 86-89)
    - d. NCDOT Transportation Planning Division (p. 90-91)
  - 11) Announcements
    - a. WMPO Metropolitan Transportation Plan Technical Steering Committee -October 26<sup>th</sup>
    - b. Cape Fear Navigating Change 2050 MTP Outreach Period – through November 30, 2023
  - 12) Next meeting – November 29, 2023

#### **Attachments**

- MPO Board Meeting Minutes- September 27, 2023
- 2023 Get There Greener Challenge Memorandum
- Resolution approving the donations for prizes for the 2023 Get There Greener Challenge
- Proposed 2024-2033 STIP/MPO Administrative Modifications #23-1
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #23-1
- Summary of Amendment #1 to the FY 24 Unified Planning Work Program
- Proposed Draft FY 24 Unified Planning Work Program with Amendment #1
- Resolution approving Amendment #1 to the FY 24 Unified Planning Work Program
- Amended list of Aviation Project Submittals for Prioritization 7.0 Memorandum
- Map of the Amended Aviation Project Submittals for Prioritization 7.0
- Resolution approving the amended list of Aviation Project Submittals for Prioritization 7.0
- Wilmington Urban Area MPO's FY 24 Direct Attributable Funding Memorandum
- Resolution approving the award of the Wilmington Urban Area MPO's FY 24 Direct Attributable Funds
- Wilmington Urban Area MPO's Smoothed Urbanized Area Boundary Memorandum
- Wilmington Urban Area MPO's Smoothed Urbanized Area Boundary Map
- Resolution adopting the Wilmington Urban Area MPO's Smoothed Urbanized Area Boundary
- 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #23-2
- Wilmington Urban Area MPO Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Transportation Planning Division Project Update (October)



## WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

### MPO Board Regular Meeting Minutes

Wednesday, September 27, 2023

6th Floor Training Conference Room, 320 Chestnut Street, Wilmington, North Carolina

#### Members Present in Person

Lynn Barbee, Town of Carolina Beach  
Eulis Willis, Town of Navassa  
Mike Allen, Town of Belville  
Neil Anderson, City of Wilmington  
Jonathan Barfield, New Hanover County  
Brenda Bozeman, Town of Leland  
Mike Forte, Brunswick County  
Dane Scalise, Cape Fear Public Transportation Authority  
Luke Waddell, City of Wilmington

#### Members Present Remotely

Landon Zimmer, NC Board of Transportation

#### Others Present in Person

Carolyn Caggia, WMPO  
Tera Cline, WMPO  
Mark Hairr, WAVE Transit Authority  
Michelle Howes, NCDOT  
Ben Johnson, STIP Manager  
Chad Kimes, NCDOT  
Vanessa Lacer, WMPO  
Abby Lorenzo, WMPO  
Tracy Manning, WMPO  
Rebecca Roth, New Hanover County  
Emma Stogner, WMPO  
David Wasserman, STIP Manager

#### Others Present Remotely

Stephanie Ayers  
Veronica Carter, Town of Leland  
Katie Hite, NCDOT  
Regina Hopkins, WMPO  
Scott James, WMPO  
Bill Marley, FHWA  
Kim Nguyen, NCDOT  
Amy Passaretti, Port City Daily  
Nazia Sarder, NCDOT

#### 1) Call to Order

Vice Chairman Luke Waddell called the meeting to order at 3:01 p.m. MPO Executive Director Mike Kozlosky called the roll, and a quorum was present as follows:

**Present:** Lynn Barbee, Brenda Bozeman, Jonathan Barfield, Jr., Dane Scalise, Luke Waddell, Mike Forte, Eulis Willis. **Late:** Neil Anderson, Mike Allen, Landon Zimmer. **Absent:** Wendy Fletcher-Hardee, John Ellen, Chairman Hank Miller

#### 2) Conflict of Interest statement and recusals

Vice Chairman Waddell read the conflict-of-interest statement for the board.

#### 3) Approval of Board Member Excused Absences

Mr. Kozlosky requested a motion to excuse Wendy Fletcher-Hardee, John Ellen, and Chairman Hank Miller from the meeting.

Mr. Barbee made a motion to excuse Wendy Fletcher-Hardee, Chairman Hank Miller and John Ellen from the meeting and Ms. Bozeman seconded.

Motion passes unanimously.

**4) Approval of the Agenda**

Mr. Forte made a motion to approve the agenda. Mr. Barfield seconded. Motion passes unanimously.

**Public Comment Period**

No public sign ups.

**6) Presentations**

**a. FHWA Federal Funds and August Redistribution, David Wasserman, and Ben Johnson, NCDOT STIP Unit**

Ben Johnson, P.E., and David Wasserman, P.E., from North Carolina Department of Transportation's (NCDOT) State Transportation Improvement Program (STIP) unit gave an overview of federal funding and fund swaps and the benefits and challenges involved. Mr. Johnson stated that one of the challenges is in mid 1990s, NCDOT agreed to allow Transportation Management Areas (TMA) to direct how Surface Transportation Block Grant Program-Direct Attributable (STBG-DA) funds should be spent. Mr. Johnson said this gave local jurisdictions more options with local projects but slowed down the delivery of federally funded projects due to complex federal rules. In turn, this has led to delays with NCDOT being able to obligate STBG-DA funds each year which leads to large unobligated balances and limits the amount to be requested going forward. Mr. Johnson noted different ways NCDOT can lose federal funds. He noted the first was with a lapse. He explained that funds must be obligated by the end of the 4<sup>th</sup> year. He stated that the Infrastructure Investment and Jobs Act (IIJA) modified transfer rules for Transportation Alternative Programs (TAP), making it difficult to transfer. Mr. Johnson also stated that rescissions enacted by Congress can impact on the loss of funds. He gave a brief breakdown of how and where federal funding is dispersed and the obligation authority. He explained what August redistribution is and the process for receiving funds. He noted that high awards over the last several years overdue to high unobligated balances and the numerous STBG-DA swaps performed. Mr. Johnson discussed preparing for the redistribution and fund swaps and how they work. He explained the proposal for future August redistribution and examples of the plan to disburse funds and from what sources. Mr. Wasserman then gave an overview of the state's DA funding proposal moving forward. He noted that NCDOT is proposing the following for TMAs to receive direct attributable funding. He stated that each year (or upon request) NCDOT will provide each MPO how much federal funds could possibly be available. Then the MPO will notify NCDOT of a list of projects to fund with desired schedules. At that time NCDOT will review each project for funding eligibility and use the most appropriate/restrictive fund source first. NCDOT will then work collaboratively with the MPO to manage project funding and may switch funding sources as needed for August Redistribution. Mr. Wasserman also stated that NCDOT strongly encourages MPO's to have a single call for all types of projects as this provides the funding flexibility needed. He explained this approach allows NCDOT to maximize best funding practices.

Mike Koslosky stated that he asked Mr. Johnson and Mr. Wasserman to come present to the board to help with understanding fund swaps, highlight the \$265 million dollars received this year, and to explain the proposal that will be brought back before the Board at a later date for consideration.

Mr. Anderson asked if the \$265 million has been allocated already or what is it going to be spent on.

Mr. Wasserman explained that essentially that money goes towards projects already under construction that potentially next year's funds were going towards. It is dispersed across the state.

Mr. Barbee stated that his understanding of the presentation was that the real benefit and real objective is not to lose federal funding. Mr. Wasserman stated that yes that is right, but it is also to maximize the amount of funds.

Mr. Forte asked if money is distributed based on future growth of population? Mr. Wasserman stated that federal dollars are prescribed in federal law, so it's basically based on percentages. Each state gets a certain percentage then the state allocates that money to each of the MPO's with over 200,000 in population then it is subdivided between remaining MPO's across the state.

**b. Get There Greener, Carolyn Caggia, WMPO**

Carolyn Caggia, WMPO presented the Get There Greener commuter challenge that will start in October. She gave a brief history of the commuter challenges through 2022 and previous prizes associated with the challenges. She explained some changes have been made include a branding change that incorporates feedback about commuting versus daily transportation needs for various populations including retirees, stay-at-home parents, and others. It also returns to the sustainability roots of the challenge by tracking greenhouse gas savings calculated from miles traveled by mode. In addition, the challenge is now a month long. Ms. Caggia gave an overview of how to participate and the website link. She then reviewed with the group the next steps which includes gathering prizes and promoting the challenge.

**7) Consent Agenda**

- a) Approval of Board Meeting Minutes- August 30, 2023**
- b) Resolution approving 2020-2029 STIP/MPO Administrative Modifications #23-6**
- c) Resolution including the statewide transportation improvement projects in the Wilmington Urban Area MPO's 2024-2033 Transportation Improvement Program**
- d) Opening of the 30-day Public Comment Period for 2024-2033 STIP/MPO Transportation Improvement Programs Amendment #23-1**

Mr. Scalise made a motion to approve the Consent Agenda as presented, seconded by Mr. Barbee, and the motion carried unanimously.

**8) Regular Agenda**

**a. Resolution approving amendments to the Go Coast Bylaws.**

Carolyn Caggia, WMPO gave a brief overview of the changes made to the bylaws.

Ms. Bozeman made a motion to approve Go Coast bylaws. Mr. Barbee seconded the motion. Motion carried unanimously.

**9) Discussion**

**a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #23-1**

Mr. Kozlosky said that this item is for information purposes only and will be brought back for consideration at the Board's next meeting.

**10) Updates**

**a. Wilmington Urban Area MPO**

Mr. Kozlosky presented the annual reports to the Board for their review and stated that staff will be presenting the reports to each member jurisdiction.

**b. Cape Fear Public Transportation Authority**

Mark Hairr, Cape Fear Public Transit Authority, introduced himself to the Board and gave a brief background on his experience. He said that workshops have started to work on a formal short-range plan for the system and would welcome any input that the Board would like to provide.

**c. NCDOT Division**

Chad Kimes, NCDOT spoke about the ribbon cutting for Military Cutoff Road extension. He gave the Board instructions on how to get to the ribbon cutting and just how happy and excited the NCDOT and this area is that this project is complete.

**d. NCDOT Transportation Planning Division**

Nadia Sader, NCDOT, stated they will be starting the Pender County Comprehensive Transportation Plan this fall, otherwise the Wilmington Travel demand model and the Brunswick County CIP are ongoing and on track.

**11) Announcements**

**a. Brunswick County Heritage Ride**

Mr. Kozlosky announced that the Brunswick County Heritage Ride is this weekend and that it had reached capacity but there will be same day sign ups available.

**b. 2050 MTP Outreach**

Mr. Kozlosky played the Outreach video for the Board which was very well received. He thanked staff for all their work on the video. He then introduced Vanessa Lacer to give a brief update on the outreach. Ms. Lacer stated that they had a fruitful first month, phase one public outreach period for the Metropolitan Transportation Plan. They conducted five public meetings and launched a survey which is hovering around 1,508 responses. She stated the last time this planning process was done they had a total of 2,000 responses so they are on their way in the first month of public participation.

This will continue through November and the survey will be open. She concluded by stating that outreach will continue through November and at festivals and pop-up events.

**Next meeting – October 25th, 2023**

There being no further business, Mr. Forte made a motion to adjourn, seconded by Ms. Bozeman, and the motion was carried unanimously.

The meeting adjourned at 3:57 p.m.

Respectfully submitted,

Mike Kozlosky

Executive Director

Wilmington Urban Area Metropolitan Planning Organization

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

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



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

## **MEMORANDUM**

**To:** MPO Board Members  
**From:** Carolyn Caggia, Associate Transportation Plan/TDM Coordinator  
**Date:** October 17, 2023  
**Subject:** Sponsors of the 2023 Go Coast Get There Greener Challenge

Attached for your consideration is a resolution accepting the donations to be used as prizes for top participants in the 2023 Go Coast Get There Greener Challenge.

This year's challenge will take place on October 1-31, 2023. By using alternative transportation, residents of the WMPO region can have a positive impact on traffic congestion and the environment and reduce stress on the roadway network. Each year, Go Coast collaborates with local businesses to award prizes to top participants of the Go Coast Get There Greener Challenge. Donations from local sponsors, totaling \$935, for this year's event are as follows:

1. \$50 in Gift Certificates to Bluewater Waterfront Grill
2. \$50 in Gift Certificates to Oceanic Restaurant
3. \$50 in Gift Certificates to Carolina Ale House
4. \$40 in Guest Passes to Children's Museum of Wilmington
5. \$300 in Rental Vouchers to Pedego
6. \$90 in Swag Items from Wilmington Brewing Company
7. \$130 in Bicycle Gear from Bike Cycles
8. \$100 in Gift Cards from Two Wheeler Dealer
9. \$100 in Transit Passes from Wave Transit
10. \$25 in Goodies from Ikki Likki

Wilmington Urban Area Metropolitan Planning Organization



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE DONATIONS TO THE WILMINGTON URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION FOR THE 2023 GO COAST GET THERE  
GREENER CHALLENGE**

**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 Wilmington Urban Area Metropolitan Planning Organization provides the Transportation Demand Management Program otherwise known as the Go Coast Program which seeks to reduce vehicle miles traveled and the use of single occupancy vehicles in the WMPO region; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization created the Go Coast Committee to work with the region's employers and stakeholders to help serve the transportation needs of the community; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization and Go Cost Committee are holding the Go Coast Get There Greener Challenge, formerly the Go Coast Commuter Challenge, from October 1<sup>st</sup> – 31<sup>st</sup>, 2023, as a way to encourage and incentivize citizens in the Cape Fear Region to use alternative modes of transportation for daily activities; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has partnered with local businesses to receive donations in the form of prizes for top participants in the 2023 Go Coast Get There Greener Challenge.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves accepting donations in the form of gift cards, gift certificates, and t-shirts in the amount of \$935.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### STATEWIDE PROJECT

#### STIP MODIFICATIONS

* HO-0010B STATEWIDE <b>PROJ.CATEGORY</b> EXEMPT	- STATEWIDE PROJECT	IMPLEMENT STATEWIDE TRAFFIC OPERATIONS ACTIVITIES SUCH AS TRAFFIC MANAGEMENT CENTERS, TRAVELER INFORMATION, INTELLIGENT TRANSPORTATION SYSTEMS (ITS), AND TRAFFIC INCIDENT AND EVENT MANAGEMENT ACROSS THE ENTIRE STATE. <b><i>ADD CMAQ FUNDING IN FY 24, FY 25, AND FY 26. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</i></b>	IMPLEMENTATION	FY 2024 - \$22,228,000 (CMAQ) FY 2024 - \$4,000,000 (CRPANY) FY 2024 - \$6,557,000 (S(M)) FY 2025 - \$25,583,000 (CMAQ) FY 2025 - \$4,000,000 (CRPANY) FY 2025 - \$7,396,000 (S(M)) FY 2026 - \$26,765,000 (CMAQ) FY 2026 - \$6,691,000 (S(M)) \$103,220,000
M-556 STATEWIDE <b>PROJ.CATEGORY</b> STATEWIDE	- STATEWIDE PROJECT	ADVANCED RIGHT-OF-WAY ACQUISITION ACCOUNT. REVOLVING ACCOUNT TO FUND ADVANCED RIGHT-OF- WAY ACQUISITION. FUNDS TO BE REPAID FROM THE STIP PROJECT AT THE TIME THE PROJECT IS FUNDED. <b><i>ADD RIGHT-OF-WAY FUNDS IN FY 24 NOT PREVIOUSLY PROGRAMMED.</i></b>	RIGHT-OF-WAY	FY 2024 - \$1,000,000 (T) \$1,000,000
TO-0004 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	STATEWIDE PROJECT	STATEWIDE, SYSTEM SAFETY OVERSIGHT GRANT FOR NCDOT RAIL DIVISION. <b><i>MODIFY FUNDS IN FY 24 AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</i></b>	ADMINISTRATIVE	FY 2024 - \$600,000 (S) FY 2024 - \$1,800,000 (SSO) \$2,400,000

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* BL-0040 NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, MIDDLE SOUND LOOP CONNECTOR CONSTRUCTION AND PORTERS NECK WALMART CONNECTOR. CONSTRUCT MULTI-USE PATH. <b><u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u></b>	CONSTRUCTION	FY 2024 -	\$554,000	(BGDA)
				FY 2024 -	\$138,000	(L)
					\$692,000	
* BL-0059 NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	FORT FISHER BOULEVARD, K AVENUE, AND NORTH 3RD STREET, INTERSECTION IMPROVEMENTS INCLUDING ADA CROSSWALKS, PEDESTRIAN ACTUATED PUSH BUTTONS, AND SIDEWALK CONNECTIONS IN KURE BEACH. <b><u>TO MATCH SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 -	\$53,000	(BGDACV)
				FY 2024 -	\$147,000	(BGDACV)
				FY 2024 -	\$31,000	(L)
				FY 2025 -	\$103,000	(BGDACV)
				FY 2025 -	\$21,000	(L)
					\$355,000	

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

EB-6027 NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1403 (MIDDLE SOUND LOOP), CONSTRUCT MULTI- USE PATH SOUTH OF MARKET STREET FROM RED CEDAR ROAD TO EXISTING TRAIL AT CORNER OF MARKET STREET AND MIDDLE SOUND LOOP ROAD. <b><u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u></b>	CONSTRUCTION	FY 2024 - <u>\$1,000,000</u> (L) \$1,000,000
* F-5707 BRUNSWICK NEW HANOVER <b>PROJ.CATEGORY</b> REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION	SOUTHPORT - FORT FISHER, CONSTRUCT MOORING FACILITIES. <b><u>MODIFY FUNDS FROM STATE TO FEDERAL.</u></b>	CONSTRUCTION	FY 2025 - \$500,000 (T) FY 2025 - \$2,000,000 (FBP) FY 2026 - \$500,000 (T) FY 2026 - <u>\$2,000,000</u> (FBP) \$5,000,000
* HS-2003A NEW HANOVER <b>PROJ.CATEGORY</b> 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. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u></b>	CONSTRUCTION	FY 2024 - <u>\$34,000</u> (HSIP) \$34,000
* HS-2003AD NEW HANOVER <b>PROJ.CATEGORY</b> REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117/NC 132 (COLLEGE ROAD), AT CREWS DRIVE. UPGRADE TRAFFIC SIGNAL. <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 - <u>\$123,000</u> (HSIP) \$123,000

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* HS-2003AE NEW HANOVER <b>PROJ.CATEGORY</b> STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117 / NC 132 (COLLEGE ROAD), AT SR 1411 (WRIGHTSVILLE AVENUE) IN WILMINGTON. INSTALL CROSSWALKS AND PEDESTRIAN COUNTDOWN HEADS. <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 - <u>\$110,000</u> (HSIP) \$110,000
* HS-2003AI NEW HANOVER <b>PROJ.CATEGORY</b> 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. <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 - <u>\$439,000</u> (HSIP) \$439,000
* I-6036 BRUNSWICK <b>PROJ.CATEGORY</b> STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	I-140, US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION. <b><u>TO ALLOW ADDITIONAL TIME FOR RAILROAD AGREEMENTS, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u></b>	CONSTRUCTION	FY 2024 - \$6,148,000 (NHPIM) FY 2025 - <u>\$4,452,000</u> (NHPIM) \$10,600,000
P-5740C BRUNSWICK NEW HANOVER <b>PROJ.CATEGORY</b> STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CSX SE LINE, INSTALLATION OF RAILROAD GRADE CROSSING SIGNALS AND GATES AT VARIOUS AT-GRADE CROSSINGS. <b><u>TO ALLOW ADDITIONAL TIME FOR FEDERAL RAILROAD ADMINISTRATION PLAN REVIEW AND APPROVAL, DELAY CONSTRUCTION FROM FY 23 TO FY 24. DP FUNDS REPRESENT FEDERAL CRISI GRANT FUNDS.</u></b>	CONSTRUCTION	FY 2024 - \$5,792,000 (DP) FY 2024 - \$2,054,000 (T) FY 2025 - <u>\$2,054,000</u> (T) \$9,900,000

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

R-3300A NEW HANOVER PENDER <b>PROJ.CATEGORY</b> REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17, US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210. <b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	RIGHT-OF-WAY  BUILD NC CON          CONSTRUCTION	FY 2025 -	\$5,000,000	(T)
				FY 2026 -	\$5,000,000	(T)
				FY 2026 -	\$1,716,000	(T)
				FY 2027 -	\$1,716,000	(T)
				FY 2028 -	\$1,716,000	(T)
				FY 2029 -	\$1,716,000	(T)
				FY 2030 -	\$1,716,000	(T)
				FY 2031 -	\$1,716,000	(T)
				FY 2032 -	\$1,716,000	(T)
				FY 2033 -	\$1,716,000	(T)
				AFTER FY 2033 -	\$12,012,000	(T)
				FY 2026 -	\$26,772,000	(T)
				FY 2027 -	\$57,402,000	(T)
				FY 2028 -	\$48,898,000	(T)
				FY 2029 -	\$36,142,000	(T)
				FY 2030 -	\$23,386,000	(T)
					\$228,340,000	
* TA-5222 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, REPLACEMENT LTV <b><u>ADD FUNDING TO STIP FOR FY 24 AT THE REQUEST OF THE MPO.</u></b>	CAPITAL	FY 2024 -	\$135,000	(L)
				FY 2024 -	\$542,000	(5309)
					\$677,000	
* TC-0027 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY (WAVE), PASSANGER AMENITY UPGRADES (INSTALLATION OF TRANSIT SHELTERS AND BENCHES) STBGP- \$339,000. TRANSIT AUTHORITY WILL INSTALL SHELTERS, LIGHTING AND LANDING PLATFORMS ALONG EXISTING ROUTES. <b><u>ADD FUNDING TO STIP FOR FY 24 AT THE REQUEST OF THE MPO.</u></b>	CAPITAL	FY 2024 -	\$75,000	(5309)
				FY 2024 -	\$19,000	(L)
					\$94,000	

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

TG-5245	- WILMINGTON URBAN AREA	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	CAPITAL	FY 2020 -	\$63,000	(L)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	PREVENTIVE MAINTENANCE		FY 2020 -	\$251,000	(5307)
<b>PROJ.CATEGORY</b>		<b><u>MODIFY FUNDS IN FY 24 AND FY 25 AT THE REQUEST</u></b>		FY 2024 -	\$215,000	(L)
PUBLIC TRANS		<b><u>OF THE MPO.</u></b>		FY 2024 -	\$860,000	(5307)
				FY 2025 -	\$215,000	(L)
				FY 2025 -	\$860,000	(5307)
					<u>\$2,464,000</u>	
* TG-5246	- WILMINGTON URBAN AREA	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	OPERATIONS	FY 2023 -	\$76,000	(L)
BRUNSWICK	METROPOLITAN PLANNING ORGANIZATION	THE OPERATING ASSISTANCE PROJECT WILL ALLOW		FY 2023 -	\$317,000	(5307)
NEW HANOVER		THE CONTINUATION OF COMPLEMENTARY		FY 2024 -	\$70,000	(L)
<b>PROJ.CATEGORY</b>		PARATRANSIT SERVICE TO TWO COUNTIES AND FOUR		FY 2024 -	\$280,000	(5307)
PUBLIC TRANS		MUNICIPALITIES WITHIN THE UZA.		FY 2025 -	\$70,000	(L)
		<b><u>ADD PROJECT TG-5246 TO STIP FOR FY24 &amp; FY25 AT</u></b>		FY 2025 -	\$280,000	(5307)
		<b><u>THE REQUEST OF THE MPO.</u></b>			<u>\$1,093,000</u>	
* TO-4751	- WILMINGTON URBAN AREA	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,	OPERATIONS	FY 2022 -	\$845,000	(SMAP)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	OPERATING ASSISTANCE		FY 2022 -	\$2,759,000	(L)
<b>PROJ.CATEGORY</b>		<b><u>ADD PROJECT TO-4751 TO STIP FOR FY24 &amp; FY25 AT</u></b>		FY 2022 -	\$2,129,000	(5307)
PUBLIC TRANS		<b><u>THE REQUEST OF THE MPO.</u></b>		FY 2023 -	\$600,000	(SMAP)
				FY 2023 -	\$1,197,000	(L)
				FY 2023 -	\$1,797,000	(5307)
				FY 2024 -	\$2,025,000	(L)
				FY 2024 -	\$2,025,000	(5307)
				FY 2025 -	\$2,030,000	(L)
				FY 2025 -	\$2,030,000	(5307)
					<u>\$17,437,000</u>	

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* TQ-6513 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, PROJECT PROVIDES OPERATING SUPPORT FOR FIXED BUS ROUTE 205 LONG LEAF PARK WHICH SERVICES NOVANT HOSPITAL AND THE MEDICAL CENTER. THIS ROUTE CARRIES A HIGH CONCENTRATION OF INDIVIDUALS WITH DISABILITIES AS IDENTIFIED THROUGH AN EXTENSIVE ONBOARD SURVEY EFFORT CONDUCTED IN FY17. A SURVEY EFFORT IS SLATED FOR FY23.	OPERATIONS	FY 2023 - \$85,000 (L) FY 2023 - \$85,000 (5310) FY 2024 - \$88,000 (L) FY 2024 - \$88,000 (5310) FY 2025 - \$128,000 (L) FY 2025 - \$128,000 (5310) FY 2026 - \$132,000 (L) FY 2026 - \$132,000 (5310) <u>\$866,000</u>
		<b><u>ADD PROJECT TQ-6513 TO STIP FOR FY25 &amp; FY26 AT THE REQUEST OF THE MPO.</u></b>		
* TQ-7005 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, PROJECT IS FOR ADMINISTRATIVE SUPPORT REQUIRED TO EFFECTVELY MANAGE THE SECTION 5310 PROGRAM AND ANNUAL FUNDING ALLOCATION FROM FTA.	ADMINISTRATIVE	FY 2021 - \$28,000 (5310) FY 2022 - \$28,000 (5310) FY 2023 - \$24,000 (5310) FY 2024 - \$25,000 (5310) FY 2025 - \$37,000 (5310) FY 2026 - \$38,000 (5310) <u>\$180,000</u>
		<b><u>ADD PROJECT TQ-7005 TO STIP FOR FY25 &amp; FY26 AT THE REQUEST OF THE MPO.</u></b>		
* TQ-8019 NEW HANOVER <b>PROJ.CATEGORY</b> PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, MOBILITY MANAGER PROVIDES OVERSIGHT AND MANAGEMENT OF SECTION 5310 FUNDS AND ADMINISTERS THE PROGRAMS AND PROJECTS SUPPORTED BY THESE FUNDS.	CAPITAL	FY 2023 - \$15,000 (L) FY 2023 - \$60,000 (5310) FY 2024 - \$15,000 (L) FY 2024 - \$60,000 (5310) FY 2025 - \$22,000 (L) FY 2025 - \$87,000 (5310) FY 2026 - \$22,000 (L) FY 2026 - \$90,000 (5310) <u>\$371,000</u>
		<b><u>ADD PROJECT TQ-8019 TO STIP FOR FY25 &amp; FY26 AT THE REQUEST OF THE MPO.</u></b>		



## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

<b>TQ-9001</b> <b>NEW HANOVER</b> <b>PROJ.CATEGORY</b> <b>PUBLIC TRANS</b>	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, PROJECTS FULFILLS THE ALLOCATION FOR NON-TRADITIONAL TRANSPORTATION PROJECTS AS DEFINED IN THE GRANT. THE PROJECT SUPPORTS THE COMMUNITY GRANT OFFERING TO NON-PROFITS AND GOVERNMENTAL ORGANIZAIONS TO REMOVE TRANSPORTATION BARRIERS AND CONNECT ELDERS AND INDIVIDUALS WITH DISABILITIES TO NEEDED RESOURCES.  <u><b>ADD PROJECT TQ-9001 TO STIP FOR FY25 &amp; FY26 AT THE REQUEST OF THE MPO.</b></u>	CAPITAL	FY 2022 -	\$88,000	(5310)
				FY 2023 -	\$18,000	(L)
				FY 2023 -	\$73,000	(5310)
				FY 2024 -	\$20,000	(L)
				FY 2024 -	\$79,000	(5310)
				FY 2025 -	\$29,000	(L)
				FY 2025 -	\$114,000	(5310)
				FY 2026 -	\$30,000	(L)
				FY 2026 -	<u>\$117,000</u>	(5310)
					\$568,000	
* U-5534 BRUNSWICK NEW HANOVER PENDER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, WILMINGTON URBAN AREA MPO STP-DA PROGRAM.  <u><b>ADD UTILITY FUNDS IN FY 24 NOT PREVIOUSLY PROGRAMMED.</b></u>	UTILITIES	FY 2024 -	\$336,000	(BGDA)
				FY 2024 -	\$84,000	(L)
			CONSTRUCTION	FY 2024 -	\$640,000	(BGDA)
				FY 2024 -	<u>\$160,000</u>	(L)
					\$1,220,000	
<b>U-5731</b> <b>NEW HANOVER</b> <b>PROJ.CATEGORY</b> STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74, US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.  <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	RIGHT-OF-WAY	FY 2027 -	\$884,000	(BGLT5)
				FY 2028 -	\$2,720,000	(BGLT5)
				FY 2029 -	\$1,836,000	(BGLT5)
				FY 2030 -	\$680,000	(BGLT5)
				FY 2031 -	\$680,000	(BGLT5)
			UTILITIES CONSTRUCTION	FY 2027 -	\$540,000	(BGLT5)
				FY 2029 -	\$408,000	(BGLT5)
				FY 2030 -	\$2,720,000	(BGLT5)
				FY 2031 -	\$2,176,000	(BGLT5)
				FY 2032 -	<u>\$1,496,000</u>	(BGLT5)
					\$14,140,000	

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* U-5734 NEW HANOVER <b>PROJ.CATEGORY</b> REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 421 (SOUTH FRONT STREET), US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.  <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. MODIFY FUNDS FROM STATE TO FEDERAL.</b></u>	RIGHT-OF-WAY	FY 2025 -	\$148,000	(BGANY)
				FY 2026 -	\$6,817,000	(BGANY)
				FY 2027 -	\$4,875,000	(BGANY)
				FY 2028 -	\$1,480,000	(BGANY)
				FY 2029 -	\$1,480,000	(BGANY)
			UTILITIES	FY 2025 -	\$550,000	(BGANY)
				FY 2026 -	\$550,000	(BGANY)
			CONSTRUCTION	FY 2027 -	\$157,000	(BGANY)
				FY 2028 -	\$7,693,000	(BGANY)
				FY 2029 -	\$6,437,000	(BGANY)
* U-5792 NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117 / NC 132 (COLLEGE ROAD), US 17 BUSINESS (MARKET STREET) TO SR 2048 (GORDON ROAD). UPGRADE ROADWAY.  <u><b>MODIFY FUNDS FROM STATE TO FEDERAL.</b></u>		FY 2030 -	\$1,413,000	(BGANY)
					\$31,600,000	
			RIGHT-OF-WAY	FY 2025 -	\$3,192,000	(BGANY)
				FY 2026 -	\$7,524,000	(BGANY)
				FY 2027 -	\$7,524,000	(BGANY)
				FY 2028 -	\$2,280,000	(BGANY)
				FY 2029 -	\$2,280,000	(BGANY)
			UTILITIES	FY 2025 -	\$1,600,000	(BGANY)
				FY 2026 -	\$1,600,000	(BGANY)
			CONSTRUCTION	FY 2027 -	\$1,096,000	(BGANY)
* U-5954 NEW HANOVER <b>PROJ.CATEGORY</b> REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 133 (CASTLE HAYNE ROAD), NORTH 23RD STREET. CONSTRUCT ROUNDABOUT.  <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>		FY 2028 -	\$29,592,000	(BGANY)
				FY 2029 -	\$31,784,000	(BGANY)
				FY 2030 -	\$26,304,000	(BGANY)
				FY 2031 -	\$20,824,000	(BGANY)
					\$135,600,000	
			RIGHT-OF-WAY	FY 2025 -	\$3,100,000	(BGLT5)
			UTILITIES	FY 2025 -	\$600,000	(BGLT5)
			CONSTRUCTION	FY 2027 -	\$416,000	(BGLT5)
				FY 2028 -	\$3,640,000	(BGLT5)
				FY 2029 -	\$1,144,000	(BGLT5)
					\$8,900,000	

## Proposed Revisions to 2024-2033 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-1 (August 2023)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* U-6233	- WILMINGTON URBAN AREA	CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL	CONSTRUCTION	FY 2024 -	\$51,000	(S)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT		FY 2024 -	\$205,000	(BGDA)
<b>PROJ.CATEGORY</b>		THE INTERSECTION OF US 421 (LAKE PARK				
DIVISION		BOULEVARD) AND HAMLET AVENUE IN CAROLINA			\$256,000	
		BEACH.				
		<u>TO MATCH SCHEDULE PROVIDED BY THE</u>				
		<u>MUNICIPALITY. DELAY CONSTRUCTION FROM FY 23</u>				
		<u>TO FY 24.</u>				

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #23-1 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 #23-1.

**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 #23-1.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

**2023 - 2024 Unified Planning Work Program Amendment # 1 STBG-DA**  
**October 25, 2023**

**III-D-3 Special Studies: Consultant - MTP Development**

Based on anticipated expenditures, the line item increased by \$5,400

When preparing the FY24 UPWP, staff estimated that the cost would be \$70,000 for a consultant to provide a financial forecast for the 2050 MTP. Staff selected Kimley Horn, an approved on-call consultant, to perform the task of identifying appropriate revenue sources, seeking out innovative funding techniques, and preparing cost estimates for potential 2025 - 2050 MTP projects. Estimates include the following modes of transportation: Aviation, Bicycle & Pedestrian, Ferry & Water Transportation, Rail, Public Transportation, and Roadway. Based on Kimley Horn's estimate of \$75,371, this line item increased by \$5,400.

**III-D-3 Special Studies: Consultant - Organizational Analysis Phase 2**

Based on anticipated expenditures, the line item decreased by \$5,400

Due to a decrease in scope for the Organization Analysis Phase 2, staff recommends moving funds from this study to the MTP Development. This fund shift will offset the increased MTP Development consultant cost; yielding a \$0 change in the UPWP budgeted totals.

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL			SATO PL Set Aside Y410			STBG-DA			SAFE STREETS 4 ALL				SECTION 5303 FY23-FY24				SECTION 5303 FY24				FY24 TASK FUNDING SUMMARY			
		Highway / FHWA			Highway / FHWA			Highway / FHWA			FHWA				Transit / FTA				Transit / FTA				LOCAL	NCDOT	FEDERAL	TOTAL
		WBS #: TBD New Number			WBS #: TBD / New Number			WBS #: TBD / New Number			WBS #: TBD / New Number				WBS #: 36230.27.22.6 / Current Number				WBS #: TBD / New Number							
LOCAL 20%	FHWA 80%	Total 100%	LOCAL 0%	FHWA 100%	Total 100%	LOCAL 20%	FHWA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FHWA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	LOCAL	NCDOT	FEDERAL	TOTAL		
II-A	SURVEILLANCE OF CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
II-A-1	Traffic Volume Counts	14,040	56,160	70,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,040	-	56,160	70,200	
II-A-2	Vehicle Miles of Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-3	Street Systems Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-4	Traffic Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-5	Transit System Data	-	-	-	-	-	-	-	-	-	-	-	-	550	550	4,400	5,500	2,200	2,200	17,600	22,000	2,750	2,750	22,000	27,500	
II-A-6	Dwelling Unit, Pop. & Emp. Change	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000	
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-9	Travel Time Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-10	Mapping	-	-	-	-	-	-	-	17,620	70,480	88,100	-	-	-	-	-	-	-	-	-	-	17,620	-	70,480	88,100	
II-A-11	Central Area Parking Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-12	Bike & Ped. Facilities Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B	LONG RANGE TRANSPORTATION PLANNING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-1	Collection of Base Year Data	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
II-B-2	Collection of Network Data	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
II-B-3	Travel Model Updates	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000	
II-B-4	Travel Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-5	Forecast of Data to Horizon year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-6	Community Goals & Objectives	2,400	9,600	12,000	-	-	-	-	-	-	-	-	-	50	50	400	500	500	500	4,000	5,000	2,950	550	14,000	17,500	
II-B-7	Forecast of Future Travel Patterns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-8	Capacity Deficiency Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-9	Highway Element of the LRTP	5,600	22,400	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,600	-	22,400	28,000	
II-B-10	Transit Element of the LRTP	400	1,600	2,000	-	-	-	-	-	-	-	-	-	225	225	1,800	2,250	900	900	7,200	9,000	1,525	1,125	10,600	13,250	
II-B-11	Bicycle & Ped. Element of the LRTP	4,800	19,200	24,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	19,200	24,000	
	Safe & Accessible Transportation Options	-	-	-	-	15,800	15,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,800	15,800	
II-B-12	Airport/Air Travel Element of LRTP	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
II-B-13	Collector Street Element of LRTP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-14	Rail, Water or other mode of LRTP	1,600	6,400	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,600	-	6,400	8,000	
II-B-15	Freight Movement/Mobility Planning	1,200	4,800	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200	-	4,800	6,000	
II-B-16	Financial Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	200	200	1,600	2,000	800	800	6,400	8,000	3,000	1,000	16,000	20,000	
II-B-17	Congestion Management Strategies	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
II-B-18	Air Qual. Planning/Conformity Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-A	PLANNING WORK PROGRAM	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	700	2,800	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	700	-	2,800	3,500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-C	CVL RGTS. CMP./OTR. REG. REQS.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-C-1	Title VI	100	400	500	-	-	-	-	-	-	-	-	-	75	75	600	750	300	300	2,400	3,000	475	375	3,400	4,250	
III-C-2	Environmental Justice	600	2,400	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600	-	2,400	3,000	
III-C-3	Minority Business Enterprise	-	-	-	-	-	-	-	-	-	-	-	-	25	25	200	250	100	100	800	1,000	125	125	1,000	1,250	
III-C-4	Planning for the Elderly & Disabled	50	200	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	200	250	
III-C-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-C-6	Public Involvement	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	200	200	1,600	2,000	800	800	6,400	8,000	2,000	1,000	12,000	15,000	
III-C-7	Private Sector Participation	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-D	INCIDENTAL PLNG./PROJECT DEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-D-1	Transportation Enhancement Plng.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-D-2	Enviro. Analysis & Pre-TIP Plng.	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
III-D-3	Special Studies: Staff Time - Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000	
III-D-3	Special Studies: Staff Time - STBG-DA	-	-	-	-	-	-	-	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
III-D-3	Special Studies: Consultant - Organizational Analysis Phase 2	-	-	-	-	-	-	-	8,920	35,680	44,600	-	-	-	-	-	-	-	-	-	-	8,920	-	35,680	44,600	
III-D-3	Special Studies: Consultant - Grant Identification and Assistance	-	-	-	-	-	-	-	10,000	40,000	50,000	-	-	-	-	-	-	-	-	-	-	10,000	-	40,000	50,000	
III-D-3	Special Studies: Consultant - MTP Development	-	-	-	-	-	-	-	15,080	60,320	75,400	-	-	-	-	-	-	-	-	-	-	15,080	-	60,320	75,400	
III-D-3	Special Studies: Consultant - Safe Streets for All	-	-	-	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	-	50,000	50,000	400,000	500,000	
III-D-4	Regional or Statewide Planning	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
III-E	MANAGEMENT & OPERATIONS	60,510	242,040	302,550	-	-	-	127,740	510,960	638,700	-	-	-	-	3,194	3,13										

FY23 UPWP Continuance into FY24																										
TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL			SATO PL Set Aside Y410			STBG-DA			SAFE STREETS 4 ALL				SECTION 5303 FY23-FY24				SECTION 5303				FY23 CONTINUANCE FUNDING SUMMARY			
		Highway / Transit			Highway / Transit			Highway / Transit			Transit / Highway				Transit / Highway				Transit / Highway				LOCAL	NCDOT	FEDERAL	TOTAL
		WBS #: FY23 Current Number			WBS #: N/A			WBS #: FY23 Current Number			WBS #: N/A				WBS #: 36230.27.22.6 / Current Number				WBS #: N/A							
		LOCAL 20%	FWHA 80%	Total 100%	LOCAL 20%	FWHA 80%	Total 100%	LOCAL 20%	FWHA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FWHA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%				
II-A-5	Transit System Data	-	-	-	-	-	-	-	-	-	-	-	-	-	1,650	1,650	13,200	16,500	-	-	-	-	1,650	1,650	13,200	16,500
II-B-6	Community Goals & Objectives	-	-	-	-	-	-	-	-	-	-	-	-	-	150	150	1,200	1,500	-	-	-	-	150	150	1,200	1,500
II-B-10	Transit Element of the L RTP	-	-	-	-	-	-	-	-	-	-	-	-	-	675	675	5,400	6,750	-	-	-	-	675	675	5,400	6,750
II-B-16	Financial Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	600	600	4,800	6,000	-	-	-	-	600	600	4,800	6,000
III-C-1	Title VI	-	-	-	-	-	-	-	-	-	-	-	-	-	225	225	1,800	2,250	-	-	-	-	225	225	1,800	2,250
III-C-3	Minority Business Enterprise	-	-	-	-	-	-	-	-	-	-	-	-	-	75	75	600	750	-	-	-	-	75	75	600	750
III-C-6	Public Involvement	-	-	-	-	-	-	-	-	-	-	-	-	-	600	600	4,800	6,000	-	-	-	-	600	600	4,800	6,000
III-E	MANAGEMENT & OPERATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-	9,582	9,581	76,648	95,811	-	-	-	-	9,582	9,581	76,648	95,811
III-E	Management & Operations: Staff Time - TDM Program	-	-	-	-	-	-	-	-	-	-	-	-	-	750	750	6,000	7,500	-	-	-	-	750	750	6,000	7,500
TOTALS		-	-	-	-	-	-	-	-	-	-	-	-	-	14,307	14,306	114,448	143,061	-	-	-	-	14,307	14,306	114,448	143,061
TOTALS	Combined Total of FY24 and FY23 Continuance	100,800	403,200	504,000	-	15,800	15,800	198,360	793,440	991,800	22,000	50,000	400,000	500,000	19,076	19,075	152,597	190,748	10,391	10,390	83,125	103,906	378,627	79,465	1,848,162	2,306,254



## **Unified Planning Work Program**

**Fiscal Year 2024**

**Amendment #1**  
**October 25, 2023**

**Original PWP**  
**Adopted March 29, 2023**

**FY 2024 UNIFIED PLANNING WORK PROGRAM  
for the  
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

**TABLE OF CONTENTS**

<b><u>Subject</u></b>	<b><u>Page</u></b>
Table of Contents.....	2
Introduction.....	3
Narrative of Planning Section 104(f) Work Tasks to be Performed in FY 24.....	4
Narrative of Safe & Accessible Transportation Options Set Aside (SATO/Y410) A New Planning Set Aside Fund Source and the Work Task to be Performed in FY 24.....	8
Narrative of Surface Transportation Block Grant – Direct Attributable Work Tasks and Special Studies to be Performed in FY 24.....	9
Narrative of Safe Streets for All (SS4A) New Fund Source to Support a Special Study.....	11
Tables of UPWP FTA Section 5303 FY 23 Funding for Work Tasks Budgeted in FY 23 that will Continue into FY 24.....	12
Tables of UPWP FTA Section 5303 FY 24 Funding for Work Tasks to be Performed in FY 24.....	21
<b>Amendment #1.....</b>	<b>30</b>
<b>Planning Work Program Funding Sources FY 24 .....</b>	<b>31</b>
<b>Anticipated DBE Contracting Opportunities for FY 24 .....</b>	<b>32</b>
Resolution Adopting the FY 24 Unified Plan Work Program .....	33
<b>Resolution Adopting Amendment #1 .....</b>	<b>34</b>
WMPO Certification .....	35



## 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 2024. 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 five 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 require a 20% local match.
- 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  
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 plans to apply for these funds with the next call for projects.
- 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.

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 24**

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

### Line-Item Codes:

II-A-1 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 Vehicle Miles of Travel - No tasks foreseen.

II-A-3 Street System Changes - No tasks foreseen.

II-A-4 Traffic - No tasks foreseen.

II-A-5 Transit System Data - No tasks foreseen.

II-A-6 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.

II-A-7 Air Travel - No tasks foreseen.

II-A-8 Vehicle Occupancy Rate Counts - No tasks foreseen.

II-A-9 Travel Time Studies - No tasks foreseen.

II-A-10 Mapping - No tasks foreseen.

II-A-11 Central Area Parking Inventory - No tasks foreseen.

II-A-12 Bicycle and Pedestrian Facilities Inventory - No tasks foreseen.

II-B-1 Collection of Base Year Data - Collection of the following variables for existing conditions, by traffic zone, is required: (1) population; (2) housing units; and (3) employment. It is expected that re-projection of travel patterns, including transit, would require a re-tabulation of these factors used in developing the travel models. A GIS database may be used to maintain housing and land use information. The MPO will normally be responsible for providing socioeconomic data in spreadsheet form to NCDOT Transportation Planning Division.

II-B-2 Collection of Network Data - Collection of the following variables describing the existing street system is necessary to build a base network for the travel model: 1) posted speed limit; 2) width/lanes; 3) segment length; 4) traffic signal locations. These items are generally the standard parameters required, but others may be needed as models become more sophisticated. The network development process is included in this task item.

II-B-3 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-4 Travel Surveys - No tasks foreseen.

II-B-5 Forecast of Data to Horizon Year - No tasks foreseen.

II-B-6 Community Goals and 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.

II-B-7 Forecast of Future Year Travel Patterns - No tasks foreseen.

II-B-8 Capacity Deficiency Analysis - No tasks foreseen.

II-B-9 Highway Element of the LRTP - 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.

II-B-10 Transit Element of Metropolitan Transportation Plan - Identify public transportation deficiencies, priorities, and proposed transit improvement solutions for inclusion in the update of the MTP. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

II-B-11 Bicycle and 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.

II-B-12 Airport/Air Travel Element 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.

II-B-13 Collector Street Element of Metropolitan Transportation Plan - No tasks foreseen.

II-B-14 Rail, Waterway and Other Elements of 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-15 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.

II-B-16 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.

II-B-17 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.

II-B-18 Air Quality Planning/ Conformity Analysis - No tasks foreseen.

III-A Planning Work Program - Evaluation of FY 2024 PWP and development of FY 2025 PWP.

III-B Transportation Improvement Program - Review and amend the 2020-2029 Transportation Improvement Program on an as needed basis. Assist in the development of the 2024-2033 Transportation Improvement Program.

III-C-1 Title VI Compliance – Work to ensure compliance with the requirements of Title VI in urban area policies and practices.

III-C-2 Environmental Justice – Analysis and outreach to ensure that transportation plans and projects comply with Environmental Justice policies.

III-C-3 MBE Planning – No tasks foreseen.

III-C-4 Planning for the Elderly and Disabled – Ensure the special needs of the elderly and disabled are addressed in all transportation planning projects.

III-C-5 Safety/Drug Control Planning – No tasks foreseen.

III-C-6 Public Involvement – 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 – Activities to encourage private sector participation in planning and project activities.

III-D-1 Transportation Enhancement Planning – No tasks foreseen.

III-D-2 Environmental and Pre-TIP Planning – Conduct environmental analysis and planning for the development of transportation projects in the Wilmington Urban Area.

III-D-3 Special Studies: Staff Time – Planning – Time utilized by Planning Staff to manage three STBG-DA funded Special Studies performed by contracted consultants. Outside consultants will be utilized to assist in the Organizational Analysis Phase 2, Grant Identification and Assistance, SS4A Regional Safety Plan, and the MTP Development. Consultants have not yet been selected to perform these tasks. For a comprehensive description of these studies, please see the UPWP section titled: Narrative of Surface Transportation Block Grant – Direct Attributable Special Studies

on page 9.

III-D-4 Regional or Statewide Planning – Coordination of urban area activities with statewide and regional initiatives.

III-E Management and 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 24**

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

Safe & Accessible Transportation Options (Under II-B-11 Bicycle and Pedestrian Element of the Metropolitan Transportation Plan) - Provide safe and accessible transportation options.

In 2022, the Infrastructure Investment and Jobs Act 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 \$15,800 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.

## **Narrative of Surface Transportation Block Grant – Direct Attributable Work Tasks and Special Studies to be Performed in FY 24**

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

II-A-10 Mapping - Creation or maintenance of base maps, zone maps, land use, etc. for the study area. The Transportation Planning Division 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.

III-D-3 Special Studies: Staff Time - STBG-DA – Time utilized by Staff to manage the Safe Streets for All funded Special Study. Outside consultants 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 for All (SS4A) New Funding for a Special Study on page 11.

III-D-3 Special Studies: Consultant - Organizational Assessment Phase 2 – The WMPO has funded an Organizational Assessment to better understand how it is performing based on the needs of our members and an evaluation of the roles, responsibilities, staffing, program delivery, and structure of the organization. The recommendations from this assessment will be used to deliver services more efficiently and effectively to our members.

The US Census released the Urbanized Area (UZA) data on December 29, 2022. NCGS § 136-200.2. Decennial review of metropolitan planning organization boundaries, structure, and governance requires that “– Following each decennial census, and more frequently if requested by an individual metropolitan planning organization, the Governor, and the Secretary of Transportation, in cooperation with the affected metropolitan planning organization or organizations, shall initiate an evaluation of the boundaries, structure, and governance of each metropolitan planning organization in the State. This review could require changes to the organizational boundaries, structure, and/or governance. Funding in the amount of \$50,000 is included in the FY 24 Unified Planning Work Program for an Organizational Assessment Phase II for a consultant to assist with providing recommendations regarding the organizational boundaries, structure, and/or governance. The consultant could also assist in drafting updates to the UPWP, Lead Planning Agreement (LPA), and Memorandum of Understanding (MOU).

III-D-3 Special Studies: Consultant - Grant Identification and Assistance – The Infrastructure Investment and Jobs Act (IIJA) and Inflation Reduction Act of 2022 both include discretionary transportation grant programs. Depending on the specific grant requirements, these grants are open to MPOs, local municipalities, counties, Departments of Transportation, etc. to provide funding to advance transportation infrastructure. Many of these grants require a local (non-federal) match and some require grant specific information. Depending on the notice of funding opportunity, these grants can be used for planning and/or implementation. The UPWP includes \$50,000 to hire a consultant to assist staff in monitoring and developing the necessary information for successful submittal of potential grant through these programs.

III-D-3 Special Studies: Consultant - MTP Development – The WMPO is required by federal law to develop a long-range Metropolitan Transportation Plan with a minimum 20-year planning horizon. The current plan, Cape Fear Moving Forward 2045, was adopted by the WMPO Board on November 18, 2020. The next plan is required to be adopted no later than November 18, 2025. The creation of this long-range Metropolitan Transportation Plan takes more than 2 years to prepare prior to adoption. This plan is developed primarily in-house with a consultant only

developing the financial section.

MPO staff has begun to embark on the plan development and will officially kick-off the plan in March 2023. The FY 24 Unified Planning Work Program includes \$70,000 for the MPO to hire a consultant to begin the development of the financial element.

III-E Management and Operations - Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

III-E Management & Operations: Staff Time - TDM Program - The TDM Program will move forward using STBG-DA and 5303 funding and will continue to be performed by inhouse staff. The TDM Program has been successful in promoting the Commuter Friendly Employer Program, Bike Month, the River to Sea Bike Ride, and the Commuter Challenge. This program works with local employers to promote alternative modes of transportation and TDM strategies such as carpooling, vanpooling, telecommuting, and personalized commuter plans. The program has completed two successful "Be A Looker" campaigns, maintains a dedicated Go Coast website, and promotes the carpool matching platform Share the Ride NC. The 2021 update to the short-range TDM plan, "Cape Fear Change in Motion 2020", will continue to guide TDM efforts in our region through 2025. The Go Coast program will continue to pursue the implementation of a Bike Share program(s) in the region and regularly update TDM related resources like area bike maps and model policies.



### **Narrative of Safe Streets for All (SS4A) New 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 Action Plans and Implementation. To access the implementation funding, a Comprehensive Safety Action Plans 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. 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.

III-D-3 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.

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
5303 Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	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 2024 2 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%	2,200
Section 5303 NCDOT 10%	2,200
Section 5303 FTA 80%	17,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

<b>2 Year Allocation</b>	<b>LOCAL 10%</b>	<b>NCDOT 10%</b>	<b>FTA 80%</b>	<b>Total 100%</b>
FY23	1,650	1,650	13,200	16,500
FY24	550	550	4,400	5,500
Total	2,200	2,200	17,600	22,000

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
5303 Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	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 2024 2 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%	200
Section 5303 NCDOT 10%	200
Section 5303 FTA 80%	1,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	150	150	1,200	1,500
FY24	50	50	400	500
Total	200	200	1,600	2,000

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
5303 Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2024 2 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%	900
Section 5303 NCDOT 10%	900
Section 5303 FTA 80%	7,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	675	675	5,400	6,750
FY24	225	225	1,800	2,250
Total	900	900	7,200	9,000

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
5303 Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	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 2024 2 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%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	600	600	4,800	6,000
FY24	200	200	1,600	2,000
Total	800	800	6,400	8,000

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-1
Title	Title VI
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 2024 2 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%	300
Section 5303 NCDOT 10%	300
Section 5303 FTA 80%	2,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	225	225	1,800	2,250
FY24	75	75	600	750
Total	300	300	2,400	3,000

MPO	Wilmington
FTA Code	442100 - 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 2024 2 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%	100
Section 5303 NCDOT 10%	100
Section 5303 FTA 80%	800
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	75	75	600	750
FY24	25	25	200	250
Total	100	100	800	1,000

MPO	Wilmington
FTA Code	442100 - 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 2024 2 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%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	600	600	4,800	6,000
FY24	200	200	1,600	2,000
Total	800	800	6,400	8,000



MPO	Wilmington
FTA Code	442100 - 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 2024 2 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%	12,775
Section 5303 NCDOT 10%	12,774
Section 5303 FTA 80%	102,198
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

<b>2 Year Allocation</b>	<b>LOCAL 10%</b>	<b>NCDOT 10%</b>	<b>FTA 80%</b>	<b>Total 100%</b>
FY23	9,581	9,580	76,649	95,810
FY24	3,194	3,194	25,549	31,937
<b>Total</b>	<b>12,775</b>	<b>12,774</b>	<b>102,198</b>	<b>127,747</b>

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations – TDM Program
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. The MPO will implement Cape Fear Change in Motion 2020.
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. Implementation of strategies and of Cape Fear Change in Motion 2020.
Expected Completion Date of Products	June 2024 2 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 / WMPO
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,000
Section 5303 NCDOT 10%	1,000
Section 5303 FTA 80%	8,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

2 Year Allocation	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%
FY23	750	750	6,000	7,500
FY24	250	250	2,000	2,500
Total	1,000	1,000	8,000	10,000

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
5303 Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	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 2024 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%	2,200
Section 5303 NCDOT 10%	2,200
Section 5303 FTA 80%	17,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
5303 Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	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 2024 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%	500
Section 5303 NCDOT 10%	500
Section 5303 FTA 80%	4,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
5303 Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2024 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%	900
Section 5303 NCDOT 10%	900
Section 5303 FTA 80%	7,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
5303 Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	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 2024 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%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-1
Title	Title VI
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 2024 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%	300
Section 5303 NCDOT 10%	300
Section 5303 FTA 80%	2,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - 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 2024 1 Year Contract
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the WilmingtonMPO 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%	100
Section 5303 NCDOT 10%	100
Section 5303 FTA 80%	800
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	



MPO	Wilmington
FTA Code	442100 - 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 2024 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%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - 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 2024 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%	4,041
Section 5303 NCDOT 10%	4,040
Section 5303 FTA 80%	32,325
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations – TDM Program
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. The MPO will implement Cape Fear Change in Motion 2020.
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. Implementation of strategies and of Cape Fear Change in Motion 2020.
Expected Completion Date of Products	June 2024 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 / WMPO
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	750
Section 5303 NCDOT 10%	750
Section 5303 FTA 80%	6,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
[www.wmpo.org](http://www.wmpo.org)

**2023 - 2024 Unified Planning Work Program Amendment # 1 STBG-DA**  
**October 25th, 2023**

**III-D-3 Special Studies: Consultant - MTP Development**

Based on anticipated expenditures, the line item increased by \$5,400

When preparing the FY24 UPWP, staff estimated that the cost would be \$70,000 for a consultant to provide a financial forecast for the 2050 MTP. Staff selected Kimley Horn, an approved on-call consultant, to perform the task of identifying appropriate revenue sources, seeking out innovative funding techniques, and preparing cost estimates for potential 2025 - 2050 MTP projects. Estimates include the following modes of transportation: Aviation, Bicycle & Pedestrian, Ferry & Water Transportation, Rail, Public Transportation, and Roadway. Based on Kimley Horn's estimate of \$75,371, this line item increased by \$5,400.

**III-D-3 Special Studies: Consultant - Organizational Analysis Phase 2**

Based on anticipated expenditures, the line item decreased by \$5,400

Due to a decrease in scope for the Organization Analysis Phase 2, staff recommends moving funds from this study to the MTP Development. This fund shift will offset the increased MTP Development consultant cost; yielding a \$0 change in the UPWP budgeted totals.

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL			SATO PL Set Aside Y410			STBG-DA			SAFE STREETS 4 ALL				SECTION 5303 FY23-FY24				SECTION 5303 FY24				FY24 TASK FUNDING SUMMARY			
		Highway / FHWA			Highway / FHWA			Highway / FHWA			FHWA				Transit / FTA				Transit / FTA				LOCAL	NCDOT	FEDERAL	TOTAL
		WBS #: TBD New Number			WBS #: TBD / New Number			WBS #: TBD / New Number			WBS #: TBD / New Number				WBS #: 36230.27.22.6 / Current Number				WBS #: TBD / New Number							
		LOCAL 20%	FHWA 80%	Total 100%	LOCAL 0%	FHWA 100%	Total 100%	LOCAL 20%	FHWA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FHWA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%				
II-A	SURVEILLANCE OF CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-1	Traffic Volume Counts	14,040	56,160	70,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,040	-	56,160	70,200
II-A-2	Vehicle Miles of Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-3	Street Systems Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-4	Traffic Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-5	Transit System Data	-	-	-	-	-	-	-	-	-	-	-	-	550	550	4,400	5,500	2,200	2,200	17,600	22,000	2,750	2,750	22,000	27,500	
II-A-6	Dwelling Unit, Pop. & Emp. Change	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000	
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-9	Travel Time Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-10	Mapping	-	-	-	-	-	-	17,620	70,480	88,100	-	-	-	-	-	-	-	-	-	-	-	-	17,620	-	70,480	88,100
II-A-11	Central Area Parking Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-12	Bike & Ped. Facilities Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B	LONG RANGE TRANSPORTATION PLANNING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-1	Collection of Base Year Data	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
II-B-2	Collection of Network Data	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
II-B-3	Travel Model Updates	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000	
II-B-4	Travel Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-5	Forecast of Data to Horizon year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-6	Community Goals & Objectives	2,400	9,600	12,000	-	-	-	-	-	-	-	-	-	50	50	400	500	500	500	4,000	5,000	2,950	550	14,000	17,500	
II-B-7	Forecast of Future Travel Patterns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-8	Capacity Deficiency Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-9	Highway Element of the LRTP	5,600	22,400	28,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,600	-	22,400	28,000	
II-B-10	Transit Element of the LRTP	400	1,600	2,000	-	-	-	-	-	-	-	-	-	225	225	1,800	2,250	900	900	7,200	9,000	1,525	1,125	10,600	13,250	
II-B-11	Bicycle & Ped. Element of the LRTP	4,800	19,200	24,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	19,200	24,000	
	Safe & Accessible Transportation Options	-	-	-	-	15,800	15,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,800	15,800	
II-B-12	Airport/Air Travel Element of LRTP	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
II-B-13	Collector Street Element of LRTP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-14	Rail, Water or other mode of LRTP	1,600	6,400	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,600	-	6,400	8,000	
II-B-15	Freight Movement/Mobility Planning	1,200	4,800	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200	-	4,800	6,000	
II-B-16	Financial Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	200	200	1,600	2,000	800	800	6,400	8,000	3,000	1,000	16,000	20,000	
II-B-17	Congestion Management Strategies	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
II-B-18	Air Qual. Planning/Conformity Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-A	PLANNING WORK PROGRAM	100	400	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	700	2,800	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	700	-	2,800	3,500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-C	CVL RGTS. CMP./OTR. REG. REQS.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-C-1	Title VI	100	400	500	-	-	-	-	-	-	-	-	-	75	75	600	750	300	300	2,400	3,000	475	375	3,400	4,250	
III-C-2	Environmental Justice	600	2,400	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600	-	2,400	3,000	
III-C-3	Minority Business Enterprise	-	-	-	-	-	-	-	-	-	-	-	-	25	25	200	250	100	100	800	1,000	125	125	1,000	1,250	
III-C-4	Planning for the Elderly & Disabled	50	200	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	200	250	
III-C-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-C-6	Public Involvement	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	200	200	1,600	2,000	800	800	6,400	8,000	2,000	1,000	12,000	15,000	
III-C-7	Private Sector Participation	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-D	INCIDENTAL PLNG./PROJECT DEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-D-1	Transportation Enhancement Plng.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-D-2	Enviro. Analysis & Pre-TIP Plng.	300	1,200	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	1,200	1,500	
III-D-3	Special Studies: Staff Time - Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000	
III-D-3	Special Studies: Staff Time - STBG-DA	-	-	-	-	-	-	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
III-D-3	Special Studies: Consultant - Organizational Analysis Phase 2	-	-	-	-	-	-	8,920	35,680	44,600	-	-	-	-	-	-	-	-	-	-	-	8,920	-	35,680	44,600	
III-D-3	Special Studies: Consultant - Grant Identification and Assistance	-	-	-	-	-	-	10,000	40,000	50,000	-	-	-	-	-	-	-	-	-	-	-	10,000	-	40,000	50,000	
III-D-3	Special Studies: Consultant - MTP Development	-	-	-	-	-	-	15,080	60,320	75,400	-	-	-	-	-	-	-	-	-	-	-	15,080	-	60,320	75,400	
III-D-3	Special Studies: Consultant - Safe Streets for All	-	-	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	
III-D-4	Regional or Statewide Planning	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000	
		-	-	-	-	-																				

		FY23 UPWP Continuance into FY24																								
TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL			SATO PL Set Aside Y410			STBG-DA			SAFE STREETS 4 ALL				SECTION 5303 FY23-FY24				SECTION 5303				FY23 CONTINUANCE FUNDING SUMMARY			
		Highway / Transit			Highway / Transit			Highway / Transit			Transit / Highway				Transit / Highway				Transit / Highway				LOCAL	NCDOT	FEDERAL	TOTAL
		WBS #: FY23 Current Number			WBS #: N/A			WBS #: FY23 Current Number			WBS #: N/A				WBS #: 36230.27.22.6 / Current Number				WBS #: N/A							
		LOCAL 20%	FWHA 80%	Total 100%	LOCAL 20%	FWHA 80%	Total 100%	LOCAL 20%	FWHA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FWHA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%				
II-A-5	Transit System Data	-	-	-	-	-	-	-	-	-	-	-	-	-	1,650	1,650	13,200	16,500	-	-	-	-	1,650	1,650	13,200	16,500
II-B-6	Community Goals & Objectives	-	-	-	-	-	-	-	-	-	-	-	-	-	150	150	1,200	1,500	-	-	-	-	150	150	1,200	1,500
II-B-10	Transit Element of the L RTP	-	-	-	-	-	-	-	-	-	-	-	-	-	675	675	5,400	6,750	-	-	-	-	675	675	5,400	6,750
II-B-16	Financial Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	600	600	4,800	6,000	-	-	-	-	600	600	4,800	6,000
III-C-1	Title VI	-	-	-	-	-	-	-	-	-	-	-	-	-	225	225	1,800	2,250	-	-	-	-	225	225	1,800	2,250
III-C-3	Minority Business Enterprise	-	-	-	-	-	-	-	-	-	-	-	-	-	75	75	600	750	-	-	-	-	75	75	600	750
III-C-6	Public Involvement	-	-	-	-	-	-	-	-	-	-	-	-	-	600	600	4,800	6,000	-	-	-	-	600	600	4,800	6,000
III-E	MANAGEMENT & OPERATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-	9,582	9,581	76,648	95,811	-	-	-	-	9,582	9,581	76,648	95,811
III-E	Management & Operations: Staff Time - TDM Program	-	-	-	-	-	-	-	-	-	-	-	-	-	750	750	6,000	7,500	-	-	-	-	750	750	6,000	7,500
TOTALS		-	-	-	-	-	-	-	-	-	-	-	-	-	14,307	14,306	114,448	143,061	-	-	-	-	14,307	14,306	114,448	143,061
TOTALS	Combined Total of FY24 and FY23 Continuance	100,800	403,200	504,000	-	15,800	15,800	198,360	793,440	991,800	50,000	50,000	400,000	500,000	19,076	19,075	152,597	190,748	10,391	10,390	83,125	103,906	378,627	79,465	1,848,162	2,306,254

## Anticipated DBE Contracting Opportunities for FY 2024

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky

Telephone Number: 910-342-2781

<b>Prospectus Task Code</b>	<b>Prospectus Description</b>	<b>Name of Agency Contracting Out</b>	<b>Type of Contracting Opportunity (Consultant, etc.)</b>	<b>Federal Funds to be Contracted Out</b>	<b>Total Funds to be Contracted Out</b>
III-D-3	Special Studies: Consultant Organizational Analysis Phase 2	City of Wilmington	Consultant	\$40,000	\$50,000
III-D-3	Special Studies: Consultant Grant Identification and Assistance	City of Wilmington	Consultant	\$40,000	\$50,000
III-D-3	Special Studies: Consultant MTP Development	City of Wilmington	Consultant	<b>\$60,320</b>	<b>\$75,400</b>
III-D-3	Special Studies: Consultant Safe Streets for All	City of Wilmington	Consultant	\$400,000	\$500,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD**

**RESOLUTION APPROVING THE FY 2024 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

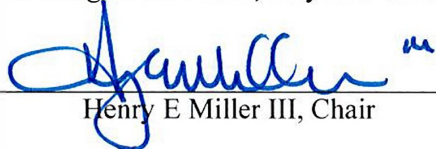
**WHEREAS**, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2023-2024.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2023-2024 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 29, 2023.

\*\*\*\*\*

I, Henry E. Miller III, 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 29th day of March 2023.

  
Henry E Miller III, Chair

\*\*\*\*\*Subscribed and sworn to me this 29th day of March, 2023.

Notary Public  
My commission expires August 15, 2025.



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING AMENDMENT # 1 TO THE FISCAL YEAR 2024 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) 2024 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 29, 2023; and

**WHEREAS**, the need for amendments to the FY 2024 Unified Planning Work Program has been evaluated and justified in order to effectively advance transportation planning for FY 2024; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can amend the FY 2024 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 2024 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 2024 Unified Planning Work Program.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary



**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

s

**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 29th day of March 2023.

  
Henry E Miller III, Chair

  
Mike Kozlosky, Secretary



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

## **MEMORANDUM**

**To:** MPO Board Members  
**From:** Abby Lorenzo, Deputy Director  
**Date:** October 5, 2023  
**Subject:** \*Amended\* WMPO Prioritization 7.0 Aviation Project Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 7.0 (P7.0) process. The P7.0 process includes a submittal window of July 2023 through October 2023 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 20 projects for each mode of transportation.

Since the Board's adoption of the P7.0 aviation project submittals on August 30, 2023, ILM staff has requested the removal of some projects to better align with the outer years of the Authority's Capital Improvement Plan. Below please find the amended recommendation for submittal to NCDOT for P7.0 aviation projects.

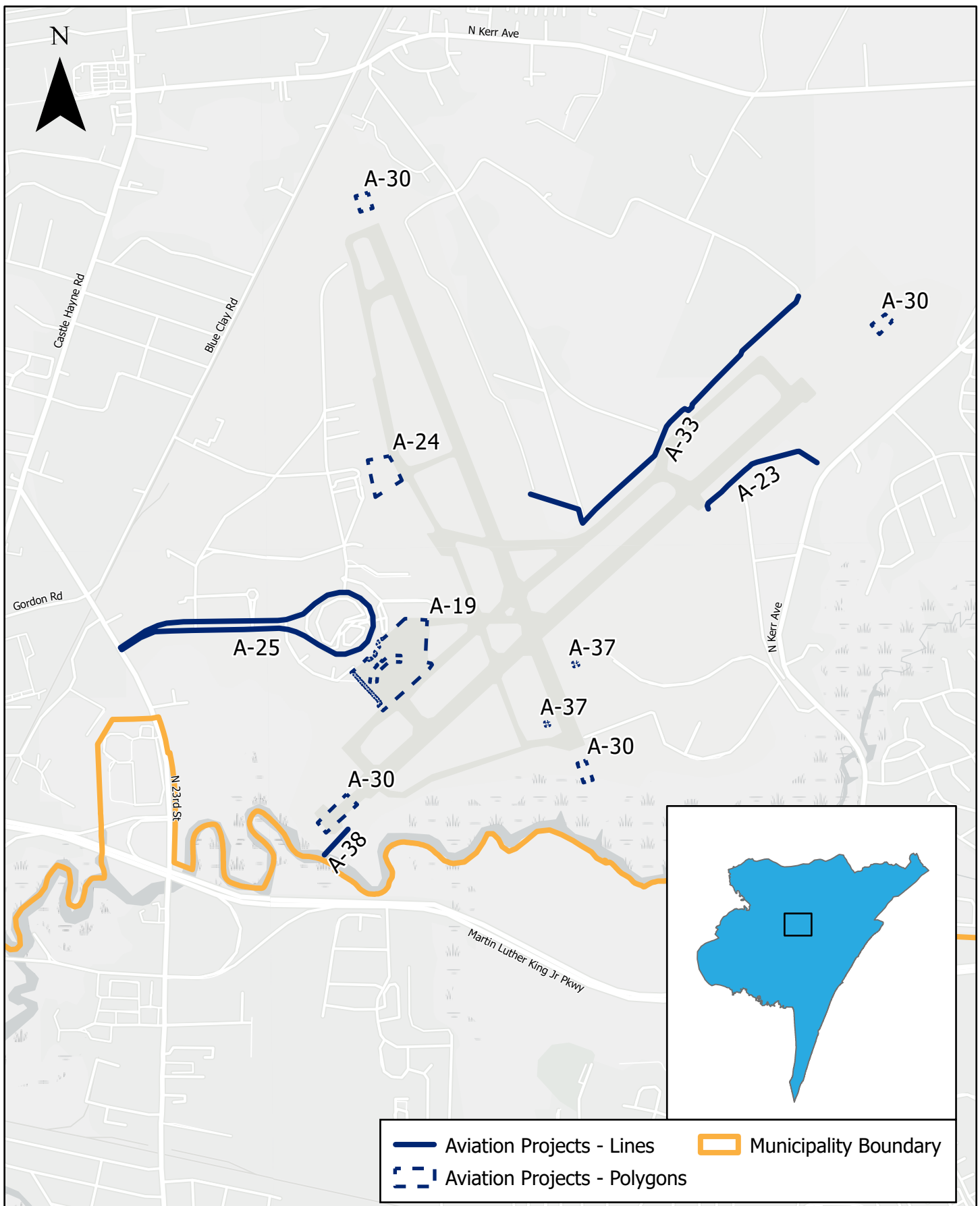
	PROJECT ID	PROJECT NAME
1	A-24	Airline and Customs Apron – Clean/Seal Joints, Pavement Repair
2	A-33	Perimeter Road Improvements (Ph. 1)
3	A-23	Perimeter Road Improvements (Ph. 2)
4	A-25	Overlay Airport Blvd, Building Circulation and Surrounding Roadways
5	A-19	Apron Maintenance
6	A-37	Runway 35 Wind Cone/PAPI Replacement
7	A-30	Upgrade Visual Approach Aids & Runway Lighting

## Wilmington Urban Area Metropolitan Planning Organization

---

	PROJECT ID	PROJECT NAME
8	A-38	Emergency Boat Ramp Access Launch Rwy 6

# WMPO Prioritization 7.0 Aviation Submittals



0 0.13 0.25 0.5 Miles

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE WILMINGTON URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION'S AMENDED LIST OF AVIATION  
PROJECTS FOR CONSIDERATION IN THE NORTH CAROLINA DEPARTMENT  
OF TRANSPORTATION'S PRIORITIZATION 7.0**

**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 Strategic Transportation Investment Bill (HB 817), was signed into law on June 26, 2013; and

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation updated the Prioritization Process to conform to HB 817 and has created Prioritization 7.0; and

**WHEREAS**, the Strategic Prioritization Office of Transportation's prioritization process will evaluate projects based on a quantitative and qualitative analysis and developed a selection process that is transparent and data driven; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 20 new aviation projects through Prioritization 7.0; and

**WHEREAS**, the Board of the Wilmington Urban Area Metropolitan Planning Organization adopted the list of aviation projects for submittal to the North Carolina Department of Transportation for Prioritization 7.0 on August 30, 2023; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed an amended list of aviation projects to submit to the North Carolina Department of Transportation for Prioritization 7.0 evaluation as follows:

**PROJECT NAME**

<b>1</b>	Airline and Customs Apron – Clean/Seal Joints, Pavement Repair
<b>2</b>	Perimeter Road Improvements (Ph. 1)
<b>3</b>	Perimeter Road Improvements (Ph. 2)
<b>4</b>	Overlay Airport Blvd, Building Circulation and Surrounding Roadways
<b>5</b>	Apron Maintenance
<b>6</b>	Runway 35 Wind Cone/PAPI Replacement
<b>7</b>	Upgrade Visual Approach Aids & Runway Lighting
<b>8</b>	Emergency Boat Ramp Access Launch Rwy 6

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the amended list of aviation projects for submission to the North Carolina Department of Transportation's Prioritization 7.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

## Memorandum

**To:** WMPO Board Members

**From:** Scott A. James, PE, PTOE  
Transportation Planning Engineer, WMPO

**Date:** October 18, 2023

**Subject:** Surface Transportation Block Grant Program – Direct Attributable (STBGP-DA) project funding recommendations in response to FY24 Call for Projects

---

On November 15, 2021, the Federal Infrastructure Investment and Jobs Act (IIJA) infrastructure package was signed into law, revising and expanding the funds available for qualifying projects.

The Wilmington Urban Area Metropolitan Planning Organization (WMPO) is the recipient of allocated funds for Surface Transportation Block Grant Program (STBGP) Direct Attributable, Transportation Alternatives Set Aside and Carbon Reduction Program in the following amounts for the federal fiscal year of October 1, 2023 thru September 30, 2024.

STBGP Direct Attributable (DA) - \$4,081,889  
Transportation Alternatives Set Aside (TA) - \$513,872  
Carbon Reduction Efforts (CR) - \$502,487

The funds are available for obligation until September 30, 2027, with any amounts not obligated on or before this date to be returned. The Federal share payable shall be up to 80% percent of qualifying costs. Participating jurisdictions are responsible for 20% of the project costs. At the regularly scheduled May 31, 2023 meeting, the Board of the Wilmington Urban Area Metropolitan Planning Organization (WMPO) approved the FY24 grant application guidelines to allow member jurisdictions to submit projects for review and approval.

The WMPO issued a call for projects on July 7, 2023. The call for projects had an initial pre-submittal date of August 11, 2023 and a final deadline of September 15, 2023. A total of six (6) project applications were received, of which three (3) which were ranked according to the established revised application guidelines. Follows is the list of ranked projects in descending order:

New Hanover County

N. College Road Pedestrian Infrastructure Improvements

Requested STBGP – DA funding: \$1,840,000

Matching funds: \$460,000

Town of Carolina Beach

St. Joseph’s Multi-use Path

Requested TASA – DA funding: \$1,172,760

Matching funds: \$293,190

Town of Belville

Belville Elementary School and Riverwalk Park NC 133 Traffic Safety Improvements

Requested Carbon Reduction funding: \$1,230,888

Matching funds: \$307,722

Total requested sum of awards: \$4,243,648

At the regularly scheduled meeting on October 11, 2023, the TCC unanimously approved the recommended amounts listed. The total sum of requested funds does not exhaust the allocation for the WMPO planning service area. The remaining funds will be placed in reserve, available for qualifying projects.

Remaining funds:	Direct Attributable \$810,443
	Transportation Alternatives Set Aside (TA) - \$525,252
	Carbon Reduction Efforts (CR) – \$217,457



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION AWARDING FY24 FUNDS FROM THE SURFACE TRANSPORTATION  
BLOCK GRANT PROGRAM – DIRECT ATTRIBUTABLE  
(STBGP – DA/TASA – DA/STBGP – CR)**

**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**, on July 18, 2012 the Wilmington Urban Area Metropolitan Planning Organization was designated as a Transportation Management Area (TMA); and

**WHEREAS**, on November 15, 2021, the Federal Infrastructure Investment and Jobs Act (IIJA) infrastructure package was signed into law, revising and expanding the funds available for qualifying projects; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization (WMPO) is the recipient of allocated funds for Surface Transportation Block Grant Program (STBGP) Direct Attributable, Transportation Alternatives Set Aside and Carbon Reduction Efforts; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has the ability to program Surface Transportation Block Grant Program (STBGP – DA/TASA – DA/STBGP – CR) funds on projects submitted by eligible entities through a competitive process; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed the Surface Transportation Block Grant Program (STBGP – DA/TASA – DA/STBGP – CR) Submittal Guide and Competitive Process for the distribution of these funds; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization’s Board endorsed the Surface Transportation Block Grant Program (STBGP – DA/TASA – DA/STBGP – CR) Submittal Guide and Competitive Process on May 31, 2023; and

**WHEREAS**, on July 7, 2023, the Wilmington Urban Area Metropolitan Planning Organization solicited qualified project applications from member jurisdictions; and

**WHEREAS**, on September 15, 2023, three eligible submittals were received and subsequently ranked them according to the adopted process.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby awards the following sums from the Surface Transportation Block Grant Program – Direct Attributable (STBGP – DA/TASA – DA/STBGP – CR) allocations in accordance with the FY24 Submittal Guide and competitive process:

New Hanover County  
N. College Road Pedestrian Infrastructure Improvements  
Requested STBGP – DA funding: \$1,840,000  
Local funding match: \$460,000

Town of Carolina Beach  
St. Joseph’s Multi-use Path  
Requested TASA – DA funding: \$1,172,760  
Local funding match: \$293,190

Town of Belville  
Belville Elementary School and Riverwalk Park NC 133 Traffic Safety Improvements  
Requested Carbon Reduction funding: \$1,230,888  
Local funding match: \$307,722

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary



305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402  
Ph: (910) 341-3258  
Fax: (910) 341-7801  
www.wmpo.org

## **MEMORANDUM**

**To:** MPO Board members  
**From:** Greer Shivers, GIS Analyst  
**Date:** October 17, 2023  
**Subject:** 2023 Smoothed/Adjusted Area Boundary

Following the decennial census and the release of U.S. Census Bureau urban area boundary data, MPO's are required to review and adjust their urban area boundaries, as needed. The smoothed or adjusted urban area boundary is based on the U.S. Census urban area boundary but is contiguous and is intended to address irregularities in the urban area boundary. The smoothed or adjusted urban area boundary differs from the urban area boundary as it may include additional areas to facilitate funding flexibility or maintain administrative continuity. An urban area boundary is based on population density and is determined by the U.S. Census Bureau. A smoothed or adjusted urban area boundary is based on urban area boundary but determined by the MPO, through coordination with the North Carolina Department of Transportation, and the Federal Highway Administration.

The smoothed urban area boundary determines the official urban designations for roadways which impacts federal-aid eligibility. Under Title 23, U.S.C., interstates, arterials, major collectors, and minor urban collectors are identified as federal-aid eligible facilities, with local roads and rural minor collectors being excluded. To prevent the urban designation of roadways from frequently switching designation following the results of the decennial census, FHWA allows states and MPOs to smooth, or adjust the boundaries in a cooperative process with planning partners. Areas cannot be removed from the urban area boundary, but areas may be added to improve continuity and to facilitate increased flexibility to a multitude of federally highway and transit programs as noted in Section 105 of the Federal-Aid Highway Act of 1973 which modifies Section 101(a) of title 23, U.S.C.

Boundaries are to be smoothed, or adjusted, to address irregularities, maintain administrative continuity for surrounding routes, and to encompass fringe areas that have commercial, industrial, national defense, or residential significance. Transportation terminals that are an asset to the area

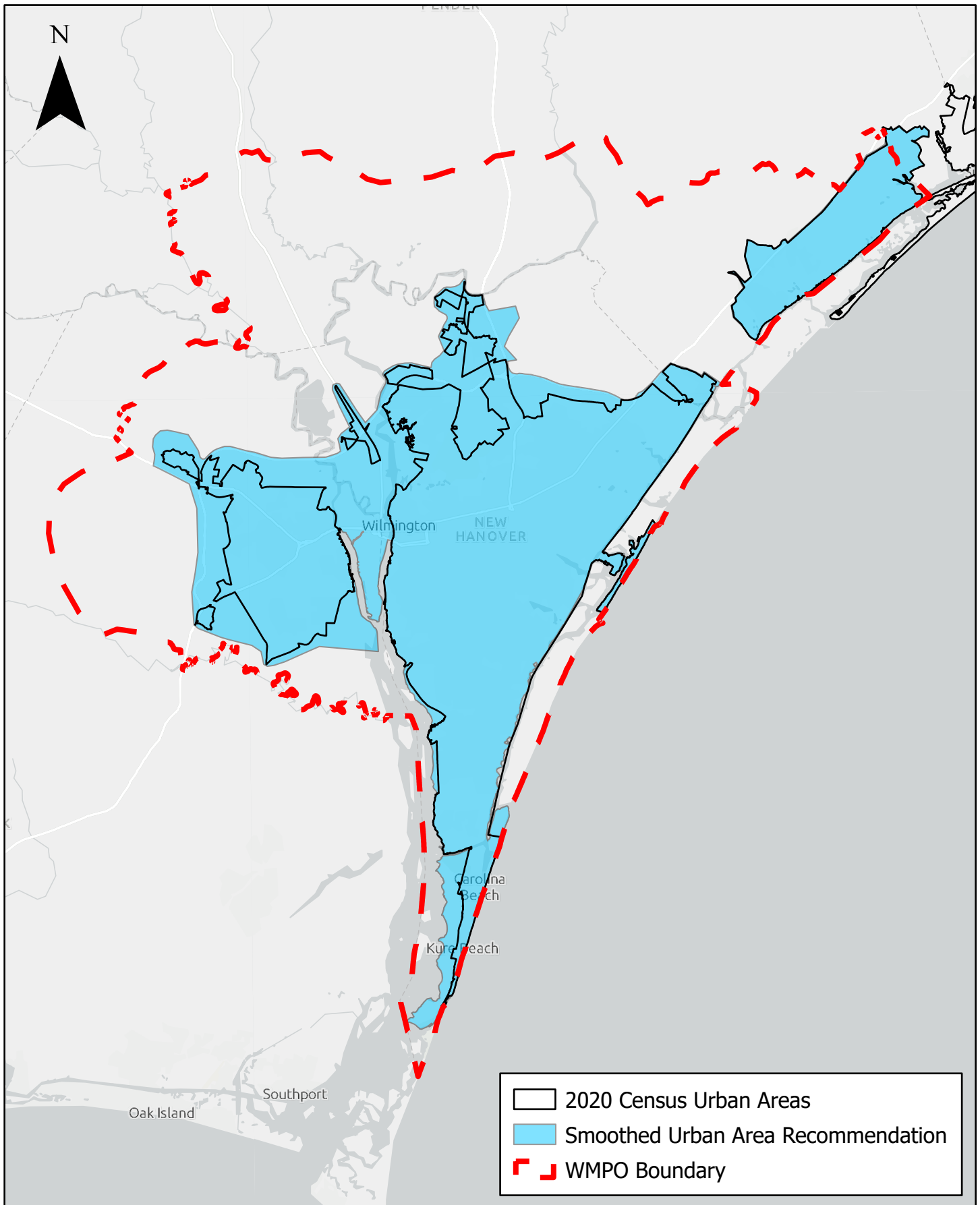
Wilmington Urban Area Metropolitan Planning Organization

---

such as airports and seaports should also be considered and included within the smoothed urban area boundary, so long as they are located within a reasonable distance of the urban area boundary. Logistical control points for transportation linkages like major crossroads and interchanges should also be given consideration for inclusion in the smoothed urban area boundary, so long as inclusion does not excessively distort the urban area. Adjustments to the boundary are not to be done to accommodate a single project.

Adjustments to the urban area boundaries are expected to be approved by the State transportation agency, the North Carolina Department of Transportation, and the Federal Highway Administration's Division Office by December 29, 2023.

# WMPO Smoothed 2020 Census Urban Areas Recommendation



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE SMOOTHED URBANIZED AREA BOUNDARY 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** , on December 29, 2022, the US Census released the MPOs Urbanized Area (UA) Census data; and

**WHEREAS**, additional mapping information was released on January 11, 2023; and

**WHEREAS**, the Urbanized Area Boundary serves as the boundary that designates the areas that are considered the Urbanized Areas per the US Census definition and are utilized to determine funding for the Wilmington Urban Area Metropolitan Planning Organization; and

**WHEREAS**, the Federal Highway Administration requires a smoothed Urbanized Area Boundary to eliminate irregularities in the boundary and maintain logical control points.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the smoothed Urbanized Area Boundary for the Wilmington Urban Area Metropolitan Planning Organization.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2023.

---

Henry E. Miller III, Chair

---

Mike Kozlosky, Secretary

**Proposed Revisions to 2024-2033**  
**STIP/MPO TIP Programs**  
**STIP/MPO TIP Modification #23-2**  
**(September 2023)**

STATEWIDE PROJECT

**STIP MODIFICATIONS**

TC-0008 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u><b>ADD FUNDING IN FY 24 AT THE REQUEST OF THE</b></u> <u><b>INTEGRATED MOBILITY DIVISION.</b></u>	CAPITAL	FY 2024 -     \$875,000 (L) FY 2024 - <u>\$350,000</u> (5339) \$1,225,000
TC-0010 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FOR FACILITY CONSTRUCTION <u><b>ADD FUNDING IN FY 24 AT THE REQUEST OF THE</b></u> <u><b>INTEGRATED MOBILITY DIVISION.</b></u>	CONSTRUCTION	FY 2024 -     \$900,000 (L) FY 2024 - <u>\$3,600,000</u> (5339) \$4,500,000
TC-0012 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT TO PURCHASE ELECTRIC BUSES AND CHARGING STATIONS. <u><b>ADD FUNDING IN FY 24 AT THE REQUEST OF THE</b></u> <u><b>INTEGRATED MOBILITY DIVISION.</b></u>	CAPITAL	FY 2024 -     \$625,000 (L) FY 2024 - <u>\$2,500,000</u> (5339) \$3,125,000

# Proposed Revisions to 2024-2033

## STIP/MPO TIP Programs

### STIP/MPO TIP Modification #23-2

(September 2023)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* BL-0075 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WRIGHTSVILLE BEACH, INSTALLATION OF ON-STREET BICYCLE LANES AND PEDESTRIAN CROSSWALKS ALONG US 76 (CAUSEWAY DRIVE) AND US 74 (WEST SALISBURY STREET) IN WRIGHTSVILLE BEACH.  <b><u>ADD PRELIMINARY ENGINEERING IN FY 24 NOT PREVIOUSLY PROGRAMMED.</u></b>	ENGINEERING  CONSTRUCTION	FY 2024 -	\$8,000	(BGDA)
				FY 2024 -	\$2,000	(L)
				FY 2024 -	\$261,000	(BGDA)
				FY 2024 -	\$66,000	(L)
					\$337,000	
* HS-2003AK NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1301 (PRINCESS PLACE DRIVE), AT NORTH 30TH STREET IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND PAVMENT MARKINGS, AND INSTALL PEDESTRIAN SIGNALS.  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 -	\$151,000	(HSIP)
					\$151,000	
* 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.  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 -	\$147,000	(HSIP)
					\$147,000	
* HS-2003AO NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1175 (KERR AVENUE), AT SR 2048 (GORDON ROAD)/SR 1327 (FARLEY DRIVE). UPGRADE TRAFFIC SIGNAL.  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>	CONSTRUCTION	FY 2024 -	\$33,000	(HSIP)
					\$33,000	



**Proposed Revisions to 2024-2033  
STIP/MPO TIP Programs  
STIP/MPO TIP Modification #23-2  
(September 2023)**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

<p>* HS-2003AP NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION</p>	<p>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</p>	<p>SR 1302 (23RD STREET), AT SR 1301 (PRINCESS PLACE DRIVE) IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND INSTALL PEDESTRIAN SIGNALS  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2024 - <u>\$195,000</u> (HSIP) \$195,000</p>
<p>* HS-2003AQ NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION</p>	<p>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</p>	<p>SR 2817 (17TH STREET), AT CASTLE STREET IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND SIGNS, AND INSTALL PEDESTRIAN SIGNALS AND CURB BUMP OUTS.  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2024 - <u>\$141,000</u> (HSIP) \$141,000</p>
<p>* HS-2003AS BRUNSWICK <b>PROJ.CATEGORY</b> REGIONAL</p>	<p>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</p>	<p>US 74/76 (ANDREW JACKSON HIGHWAY), EASTBOUND RAMP AT SR 1426 (LANVALE ROAD). INSTALL TRAFFIC SIGNAL.  <b><u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2024 - <u>\$237,000</u> (HSIP) \$237,000</p>

**WILMINGTON URBAN AREA  
MPO  
October 2023**

**CAPE FEAR NAVIGATING CHANGE 2050**

**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.

**Project Status and Next Steps:**

- In June and July of 2023, a Citizen Advisory Committee, to guide public outreach, and a MTP Technical Steering Committee, to guide plan development, were convened. The Citizen Advisory Committee will continue to meet during phases 1 and 2 of public outreach. The MTP Technical Steering Committee will continue to meet for the duration of plan development.
- On August 1, 2023, phase 1 of public outreach began, and will conclude on November 30, 2023. Six public meetings were held in August, five in-person and one virtual. An online survey was launched on August 1, 2023, and is available at **wmpo.org** until November 30, 2023. Phase 1 of public outreach will continue through November 30<sup>th</sup> with stakeholder interviews and focus groups, pop-up events and presentations across the region.
- Phase 2 of public outreach will occur in June 2025 when comments will be sought on the draft plan.

**PENDER COUNTY BICYCLE AND PEDESTRIAN PLAN**

**Project Description/Scope:** Pender County, in collaboration with the WMPO and consultant WSP, seeks to develop a comprehensive Bicycle and Pedestrian Plan to direct multi-modal development within the southern portion of the County. The final plan will be used to prioritize bicycle and pedestrian infrastructure implementation that will improve mobility, increase safety, and strengthen the connectivity for multi-modal transportation options in southern Pender County. The notice to proceed was issued in late September 2022.

**Project Status and Next Steps:**

- The Draft Plan has been finalized.
- The Plan is expected go before the Pender County Board of Commissioners in October 2023.
- The Plan is expected go before the WMPO Technical Coordinating Committee and Board in November 2023.

**NCDOT IMD FEASIBILITY STUDY GRANTS**

**Project Description/Scope:** 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 is anticipated to take place in October 2023.
- The first public outreach sessions are anticipated to take place in the fourth week of October 2023.
- Final study report anticipated in late spring/early 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 are anticipated to take place in the first and second weeks of October 2023.
- Final study report anticipated in late spring/early summer 2024.

#### **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:

- New Hanover County Formal Plan Reviews: 10 reviews
- New Hanover County Informal Plan Reviews: 1 review
- New Hanover Concept Reviews: 2 reviews
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 7 reviews
- Town of Leland Informal Reviews: 0 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 review
- Brunswick County Formal Plan Reviews: 0 reviews

- Brunswick County Informal Plan Reviews: 0 review
- Pender County Formal Reviews: 3 reviews
- Pender County Informal Reviews: 2 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 53 reviews (3 new, 50 on-going)
- City of Wilmington Informal Reviews: 18 reviews (3 new, 15 on-going)
- City of Wilmington Concept Reviews: 1 review (1 new, 0 on-going)
- City of Wilmington Full Releases: 5

TIA Reviews: 34 total active (1 new; 29 under review; 2 approved, 2 waived)

- New Hanover County 8 (0 new, 6 under review, 1 approved, 1 waiver),
- City of Wilmington 9 (0 new, 8 under review, 0 approved, 1 waiver),
- Carolina Beach 0,
- Town of Belville 0,
- Town of Leland 4 (1 new, 2 under review, 1 approved),
- Town of Navassa 2, (0 new, 2 under review, 0 approved),
- Pender County 9 (0 new, 9 under review, 0 approved) and
- Brunswick County 2 (0 new, 2 under review, 0 approved)

#### **STBGP-DA/TASA-DA/CRRSAA FY2013** **to Present**

#### **U - 5527C 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:**

- Right of way acquisition is complete and was sent to NCDOT for ROW certification.
- Right of way certification received.
- Awaiting final approval from CFPUA

#### **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 approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – November 2023
- Begin Construction – February 2024
- Construction Complete- November 2024

#### **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 approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid –November 2023
- Begin Construction – February 2024
- Construction Complete- November 2024

**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 approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – November 2023
- Begin Construction – February 2024
- Construction Complete- November 2024

**U-5534I –TOWN OF LELAND- VILLAGE ROAD MULTI-USE PATH EXTENSION**

**Project Descriptions/Scope:** The construction of a 8 foot wide concrete path from the connection at the Brunswick Center in Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

**Project Status and Next Steps:**

- Construction commenced February 8, 2021
- Final Payment was sent on August 22, 2023
- Town Staff working with NCDOT Division 3 to close out the project
- Project completion extended to June 30, 2024

**U-5534J – TOWN OF LELAND- OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP**

**Project Descriptions/Scope:** The construction of sidewalks in three locations: 1) The construction of an 8-foot concrete sidewalk along Village Road from Town Hall Drive to the apartment complex and widening the existing 5-foot sidewalk in front of the apartment complex to 8 feet. 2) The construction of a 6-foot sidewalk along Town Hall Drive from Village Road NE to the sidewalk that exists by the new Town Hall. 3) The construction of a 5-foot sidewalk along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

**Project Status and Next Steps:**

- Construction commenced February 8, 2021
- Final Payment was sent on August 22, 2023
- Town Staff working with NCDOT Division 3 to close out the project
- Project completion extended to June 30, 2024

**U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK**

**Project Descriptions/Scope:** The construction of 5-foot-wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

**Project Status and Next Steps:**

- Construction commenced February 8, 2021
- Final Payment was sent on August 22, 2023
- Town Staff working with NCDOT Division 3 to close out the project
- Project completion extended to June 30, 2024

**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:**

- Received Construction Authorization from NCDOT and Notice to Proceed (NTP) from NCDOT (U-5534Q & EB-6028) on February 8, 2023
- Advertise U-5534Q and EB-6028 on March 8, 2023
- Pre-Bid Meeting on March 21, 2023
- Bid Opening (LET) on April 13, 2023
- One (1) bid submitted and rejected (May 16, 2023 Council Meeting) due to Over/Under difference with Engineer's Cost Estimate.
- Re-advertise w/ EB-6028 on May 18<sup>th</sup>
- Bid Opening (LET) on June 8, 2023
- One (1) bid submitted and rejected due to excessive cost(s)
- Revised bid schedule set for September 6<sup>th</sup>
- Two (2) bids received on September 6<sup>th</sup>, the city and NCDOT agreed to proceed.
- An Ordinance and resolution are being developed for the November 8<sup>th</sup> City Council meeting

**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:**

- Right Angle provided the 90% plans
- 90% plans and contract documents have been submitted to NCDOT
- CE Document has been approved
- Right-of-way authorization approved
- The consultant is proceeding with the right-of-way acquisition.
- Proposed property valuations have been submitted and have been approved by NCDOT.
- Letters to property owners have been mailed to initiate the acquisition process.
- Construction fund authorization request will occur next federal fiscal year

**U-6234 MULTI-MODAL PHASE 1 B**

**Project Description/Scope:** Rehabilitation of the historic structure located at 525 N 4th Street for MPO offices.

**Project Status and Next Steps:**

- Paragon Building Corp awarded bid and signed the contract
- September 12, 2022, building permit issued
- Right of Way permit has been approved

- Completed North Wall Parapet repairs
- Completed intumescent paint for board room
- Completed 1st half of topping slab
- Removed masonry for 1st floor and 2nd floor entryways on south wall
- Continued work installing second floor
- Masonry repairs underway
- HVAC installation underway

#### **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.
- Design kick-off meeting held July 23, 2021, with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
- Design started in October 2021 is expected to last through Summer 2023.

#### **U-6039 – CAROLINA BEACH – ST. JOESPH 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

#### **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
- City selected an on-call engineering consultant (WSP) to perform design and engineering. A scope and fee were agreed upon and approved by NCDOT.
- Award of contract 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.
- NCDOT Rail Division is contracting with WSP on the preliminary concept design for rail track layout to determine final alignment of the Downtown Trail facility.
- NCDOT Rail Division Staff, City of Wilmington, and WMPO staff met with Cape Fear Community College President Jim Morton on July 24th to discuss both the Rail Division and City's efforts coordinating future passenger rail track and trail layout in the project corridor.

**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:**

- Agreement finalized and adopted September 2022
- Request for PE Authorization in October 2022
- Request for Letters of Interest to be sent in December 2022
- Four (4) proposals reviewed in January 2023
- PE firm selection February 2023
- 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 can start in September 2023

**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
- Scope and Fee submitted to NCDOT on September 16, 2022
- Change Request for PE Authorization submitted to NCDOT on September 21, 2022
- Request to use RS&H (COW On-Call) approved by NCDOT on October 10, 2022
- NCDOT approved the scope and fee on November 2, 2022



- Change Request for PE Authorization approved on January 20, 2023
- Contract between City and RS&H executed on January 24, 2023 and notice to proceed issued.
- Design kick-off meeting between City and RS&H staff held on January 31, 2023
- Design criteria and typical section submitted on March 17, 2023.
- Survey work completed on April 27, 2023.
- Natural Resources Technical Report (NRTR)/Environmental Document is in progress.
- Field visit conducted on May 4, 2023.
- 25% Preliminary Plans submitted on June 9, 2023
- Review meeting held on August 10, 2023
- Revised 25% plans submitted on August 28, 2023
- NCDOT provided construction cost estimate on September 8, 2023- currently under review

#### **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
- Anticipated bid award/start of construction December 2023

#### **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
- Anticipated bid award/start of construction December 2023

#### **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:**

- Comments received from CFPWA indicate conflicts with utilities that require design adjustments
- NCDOT issued notice of Construction Authorization on April 12, 2022.

- Level A SUE completed, and results have been reviewed.
- CFPUA is reviewing final plans (were modified based on their comments)
- Right of way acquisition is complete and was sent to NCDOT for ROW certification
- Anticipated construction let date Summer 2023
- Awaiting final approval from CFPUA
- Right of Way Certification received.

#### **EB-6028 —CITY OF WILMINGTON- 21<sup>ST</sup> 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:**

- NCDOT has approved the 100% project plans
- Received Construction Authorization from NCDOT and NTP from NCDOT (U-5534Q & EB-6028) on February 8, 2023
- Advertise U-5534Q and EB-6028 on March 8, 2023
- Pre-Bid Meeting on March 21, 2023
- Bid Opening (LET) on April 13, 2023
- One (1) bid submitted and rejected (May 16, 2023 Council Meeting) due to Over/Under difference with Engineer's Cost Estimate.
- Bid opening held April 13, 2023
- One (1) bid submitted and rejected due to excessive cost(s)
- Revised bid schedule set for September 6<sup>th</sup>
- Two (2) bids received on September 6<sup>th</sup>, the city and NCDOT agreed to proceed.
- An Ordinance and resolution are being developed for the November 8<sup>th</sup> City Council meeting

#### **HL – 0040 NC PORTS WILMINGTON – NEW NORTH GATE FEASIBILITY STUDY**

**Project Description/Scope:** This project is a feasibility study, early design and NEPA work to determine the high-level alternatives and costs associated with a new North Gate on NC Port of Wilmington property to allow for efficient freight access to and from the General Terminal.

##### **Project Status and Next Steps:**

- Advertisement for on-call consultants, August 14, 2020
- Selection and signed contract with HDR on October 29, 2020
- Kickoff meeting on site with NCSPA on March 10, 2022
- NCSPA/WTRY call on April 5, 2022
- Draft scoping letter to Port on April 5, 2022
- Traffic counts completed April 12, 2022
- Scoping Letter to Agencies on April 18, 2022
- Draft design assumptions & Typical Sections submitted on June 3, 2022
- Draft Limited Environmental Records Review (LERR) submitted on July 5, 2022
- Revised typical sections submitted on July 7, 2022
- Natural Resources Technical Report (NRTR) on August 8, 2022
- Revised Limited Environmental Records Review (LERR) submitted August 15, 2022
- Draft 15% roadway submittal on September 15, 2022
- Preliminary Hydraulics submittal on October 11, 2022
- Revised Roadway plans submitted on November 16, 2022
- Draft traffic analysis submitted December 16, 2022

- Revised Roadway exhibits submitted January 23, 2023
- Revised Roadway exhibits and costs submitted January 31, 2023
- Waiting on SHPO concurrence of no effects
- Traffic noise documentation from NCDOT that Traffic Noise Report not needed.
- Revised and Final CIA to NCDOT on August 11, 2023
- Revised CE document to NCDOT on August 15, 2023
- No Effects letter with conditions from SHPO on August 22, 2023
- Revised CE document to NCDOT on August 30, 2023

#### **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

#### **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 Go Coast committee meeting will occur on November 16, 2023, at 3 PM.
2. Be a Looker – WMPO and Go Coast will promote the Be a Looker campaign from April 2023 through October 2023, which encourages safety among all road users including motorists, bicyclists, and pedestrians, through attending events, presentations, distributing informational brochures, advertising, and social media. Bicycle helmets received from an NCDOT grant will be distributed during this campaign to children from low-income families. So far there have been 192 Be A Looker pledges from 11 events attended since April as well as online pledges.

3. Get There Greener – The Go Coast committee has worked to rebrand the WMPO’s annual Commuter Challenge. The new name is “Get There Greener” and the focus is on sustainable transportation and replacing single-occupancy vehicle trips with bicycling, carpooling, walking, public transportation, or teleworking. The challenge takes place during the month of October and participants can log their miles traveled by alternative transportation to win prizes donated by local businesses. Visit [gocoastnc.org/get-there-greener](http://gocoastnc.org/get-there-greener) for info.
4. Brunswick Heritage Riverside Ride – The 3<sup>rd</sup> Annual Brunswick Heritage Riverside Ride took place Saturday, September 30, 2023. This 16-mile casual-paced ride travels along the Gullah Geechee Cultural Heritage Corridor in northern Brunswick County. This year, there were 131 riders.



## **Cape Fear Public Transportation Authority October 2023 Update**

### **Ridership Update**

For September 2023, Wave Transit showed a gain of 1% for fixed-route and microtransit services as compared to September 2022. For the same comparison months, UNCW shuttle ridership decreased 20%, which lowered Wave's overall monthly ridership to 66,177 trips, a decrease of 7%.

RideMICRO's (microtransit) September 2023 ridership was 1,687 trips per month, a 28% percent increase as compared to September 2022.

Ridership was higher in all aspects from the previous year save for UNCW shuttle ridership.

### **Short-Range Transit Plan**

The Cape Fear Public Transportation Board of Directors held a workshop on Wave Transit's Short Range Transit Plan (SRTP) on September 22. The Wave staff and Nelson/Nygaard, the Consultant, provided an overview and timeline of the planning process, updated ridership figures, information from an initial market analysis and route and service design best practices that provide for an efficient and strong performing transit system.

The Plan will include development of different scenarios for service including one based on reduced funding, one that is budget neutral, and one that is based on the potential for increased funding in the future. The Plan will also include extensive public outreach starting in early November and the final report is expected to be completed in the spring of 2024.

### **Shelter Installs**

Four shelters will be installed in the system, where both ridership and pedestrian safety best allow them. Conversations are ongoing with an on-call Consultant who would oversee the design and installation of these small capital projects.

WMPO OCTOBER PROJECTS IN DEVELOPMENT					
Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Kristy Alford	LET	15BPR.102	BRIDGE PRESERVATION. BRIDGE 13 OVER CAPE FEAR RIVER ON US 17 / US 76 / US 421 IN NEW HANOVER COUNTY. REPLACE METAL GRID DECK.	NEW HANOVER	2023.11.21
Brian Harding	DDRL	U-6202	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	NEW HANOVER	2024.07.16
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2025.06.02
Derek Pielech	DPOC	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2025.07.03
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	LETT	15BPR.142	BRIDGE PRESERVATION. BRIDGE 090096 OVER US 74 & US 76 ON US 17; BRIDGE 090198 OVER ICW & NC 179 ON SR 1172.	BRUNSWICK	2025.08.19
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
Trace Howell	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
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	2027.06.15
Brian Harding	DPOC	U-5954	NC 133 (CASTLE HAYNE ROAD) AT NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	NEW HANOVER	2027.06.15
Derek Pielech	DPOC	BR-0008	REPLACE BRIDGE 7 ON US 17 OVER US 76.	BRUNSWICK	2027.09.21
Derek Pielech	DPOC	B-5653	PENDER BRIDGE 14 ON NC 133 OVER TURKEY CREEK.	PENDER	2028.01.20
Krista Kimmel	DDRL	U-3338C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MARTIN LUTHER KING JR PARKWAY).	NEW HANOVER	2028.06.20
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
Krista Kimmel	DDRL	U-4902C	US 17 BUSINESS (MARKET STREET) FROM NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD & INTERCHANGE.	NEW HANOVER	2029.08.21
Raleigh	DDRL	U-6199	VARIOUS, WILMINGTON CITYWIDE SIGNAL SYSTEM.	NEW HANOVER	2030.01.15
Krista Kimmel	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-5702A	NC 132 (COLLEGE ROAD) FROM SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD).	NEW HANOVER	2030.02.19
Trace Howell	DDRL	U-5881	NC 132 (COLLEGE ROAD) FROM SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	NEW HANOVER	2031.05.20
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
Krista Kimmel	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. CONVERT TO SUPERSTREET.	PENDER	2031.01.21
Trace Howell	DDRL	U-5704	NC 132 (COLLEGE ROAD) AT US 76 (OLEANDER DRIVE).	NEW HANOVER	2031.03.18
Krista Kimmel	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
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

WMPO OCTOBER PROJECTS UNDER CONSTRUCTION						
Contract Number	Resident Eng	TIP/WBS /Program	County	Description	*Estimated Completion (year.month.date)	Percent Complete
C204319	Joshua Pratt	U-4902D	New Hanover	SUPERSTREET MEDIAN ON MARKET STREET (US 17 BUS) FROM MARSH OAKS DRIVE TO LENDIRE DRIVE.	2023.09.19	61.76%
DC00249	Joshua Pratt	B-4590	New Hanover	BRIDGE #29 OVER SMITH CREEK ON SR 2812.	2023.10.11	82.77%
DC00427	David Sawyer	N/A	New Hanover	US 421 BETWEEN VITAMIN DRIVE TO SR 1109 (COWPEN LANDING ROAD) IN PENDER COUNTY AND US 421 AT I-140 RAMP IN NEW HANOVER COUNTY.	2023.10.30	24.57%
C204629	Joshua Pratt	B-5624	Brunswick	REPLACE BRIDGE 57 ON NC 211 OVER JUNIPER CREEK.	2024.01.25	58.31%
C203980	Joshua Pratt	U-4751	New Hanover	MILITARY CUTOFF ROAD EXTENSION FROM MARKET STREET TO THE WILMINGTON BYPASS WITH AN INTERCHANGE AT THE BYPASS.	2024.01.30	91.30%
DC00420	David Sawyer	W-5703R	New Hanover	NC 132 (COLLEGE ROAD) & BRAGG DRIVE IN THE CITY OF WILMINGTON. OFFSET LEFTS.	2024.02.28	86.93%
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 FROM SR 1551 (BLACKWELL ROAD.) TO SR 1554 (OLD RIVER ROAD).	2024.06.28	0.00%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.03.04	49.20%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210 TO NORTH OF SR 1563 (SLOOP POINT ROAD).	2027.06.14	26.58%

\*Dates are subject to change.



WMPO OCTOBER RESURFACING PROJECTS					
Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
DC00344	2022	NEW HANOVER	VARIOUS SECONDARY ROUTES.	2023.06.18	77.91%
DC00311	2022	NEW HANOVER	MARKET STREET, 3rd STREET, INDEPENDENCE BLVD, AND PATCHING ON 16th & 17th STREETS.	2023.10.15	84.11%
DC00406	2023	NEW HANOVER	US 17 (OLEANDER DRIVE), VARIOUS SECONDARY ROUTES & NC STATE PORT IN WILMINGTON.	2023.11.17	19.90%
DC00426	2023	NEW HANOVER	RESURFACING AND PAVING PRESERVATION.	2024.05.24	0.00%
DC00425	2023	NEW HANOVER	ADA VARIOUS SECONDARY - DIVISION 3 WIDE.	2024.06.30	7.34%

\*Dates are subject to change.

Go!NC Portal for public information: [HMIP](#) (Highway Maintenance Improvement Program) GIS maps  
<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=ceae1d0cf870473fb7d35294acb6b71c>

Update provided:  
09/29/2023  
PO: WMPO  
Contact: Michelle Howes, [mnhowes@ncdot.gov](mailto:mnhowes@ncdot.gov), 910.341.2001 OR  
Adrienne Cox, [amcox1@ncdot.gov](mailto:amcox1@ncdot.gov), 910.341.2001



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

October 2023

Nazia Sarder  
Transportation Engineer  
NCDOT Transportation Planning Division  
1 South Wilmington Street  
Raleigh, NC 27601

OCTOBER TPD UPDATES WILMINGTON MPO

October 2023

**Brunswick County Comprehensive Transportation Plan (CTP):** The last steering committee meeting was on June 27<sup>th</sup>, where the committee made decisions on public involvement feedback. Updates to the report and appendix were made during the month of July by TPD engineer and submitted to TPD management in early August. Currently, the CTP is being reviewed by TPD management. After reviews are complete, report and appendix will again be updated, and TPD engineer and RPO planner will start preparing for local adopting agency presentations.

**Wilmington Model:** Recently, the Wilmington MPO verified base year socio-economic (SE) data and provided growth for future year socio-economic data. TPD is working on base year model estimation and reviewing growth for future year SE data feedback before working on future year scenarios for the model.

**Pender County Comprehensive Transportation Plan (CTP):** The Pender County CTP will start in fall of this year. The last Pender County CTP was adopted in 2015. The base year for this CTP will be 2021 and horizon year will be 2050. The Wilmington MPO area will not be included in the Pender County CTP.

**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)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](https://www.ncdot.gov/traffic-volume)

*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

- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)
- NCDOT Comprehensive Transportation Plans (CTPs) – [Connect NCDOT - CTPs](#)

**NCDOT Statewide Plans:**

To learn more, click on the following links:

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