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

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

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: April 25, 2024
SUBJECT: May 1st meeting

A meeting of the Wilmington Urban Area MPO's Board will be held on Wednesday, May 1, 2024, 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/81037261554>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in number: (301) 715-8592 or (305) 224-1968. And when prompted, enter:
Meeting ID: 810 3726 1554

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. Cape Fear Navigating Change 2050 Vision and Goals- Vanessa Lacer, WMPO
 - b. May is Bike Month Presentation and Proclamation- Carolyn Caggia, WMPO (pg. 3-4)
 - c. Wilmington Urban Area Travel Demand Model, Nazia Sarder, NCDOT
- 7) Consent Agenda
 - a. Approval of Board Regular Meeting Minutes- March 27, 2024 (pg. 5-9)
 - b. Resolution approving 2024-2033 STIP/MPO Amendment #24-2 (pg.10-11)
 - c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-3 (pg. 12-14)

Wilmington Urban Area Metropolitan Planning Organization

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- d. Opening of the 30-day public comment period for 2024-2033 STIP/MPO Amendment #24-3 (pg. 15)
 - e. Resolution supporting the North Carolina Department of Transportation's application to the US Department of Transportation's Multimodal Project Discretionary Grant Program (MPDG) for the Replacement of the Cape Fear Memorial Bridge (pg. 16-17)
 - f. Resolution supporting the NC State Ports Authority's Grant application for a 2024 Environmental Protection Agency's Clean Ports Program grant to fund Zero Emissions Equipment at the Port of Wilmington (pg. 18-19)
 - g. Resolution supporting the Town of Leland's application for a Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant for the Basin Street Extension (pg. 20)
- 8) Discussion
- a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-4 (pg. 21)
 - b. 23rd Street Widening (pg. 22-25)
 - c. May 7th Special Meeting- Cape Fear Memorial Bridge Tour
- 9) Updates
- a. Wilmington Urban Area MPO (pg. 26-38)
 - b. Cape Fear Public Transportation Authority (pg. 39)
 - c. NCDOT Division 3 (pg. 40-43)
 - d. NCDOT Integrated Mobility Division (pg. 44)
 - e. NCDOT Transportation Planning Division (pg. 45-46)
- 10) Announcements
- a. Go Coast Committee- May 16, 2024
- 11) Next meeting – May 29, 2024

Attachments

- May is Bike Month Memorandum
- May is Bike Month Proclamation
- MPO Board Regular Meeting Minutes- March 27, 2024
- Proposed 2024-2033 STIP/MPO Amendment #24-2
- Resolution approving 2024-2033 STIP/MPO Amendment #24-2
- Proposed 2024-2033 STIP/MPO Administrative Modifications #24-3
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-3
- Proposed 2024-2033 STIP/MPO Amendment #24-3
- Resolution supporting the North Carolina Department of Transportation's application to the US Department of Transportation's Multimodal Project Discretionary Grant Program (MPDG) for the Replacement of the Cape Fear Memorial Bridge
- Resolution supporting the NC State Ports Authority's Grant application for a 2024 Environmental Protection Agency's Clean Ports Program grant to fund Zero Emissions Equipment at the Port of Wilmington
- Resolution supporting the Town of Leland's application for a Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant for the Basin Street Extension
- 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-4
- 23rd Street Widening Memorandum
- Letter from Wilmington International Airport (ILM) requesting Economic Development Funding for the 23rd Street Widening
- Wilmington Urban Area MPO Update (April)
- Cape Fear Public Transportation Authority Update (April)
- NCDOT Division Project Update (April)
- NCDOT Integrated Mobility Division (April)
- NCDOT Transportation Planning Division Project Update (April)



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MEMORANDUM

To: WMPO Board Members
From: Carolyn Caggia, Associate Transportation Planner / TDM Coordinator
Date: April 23, 2024
Subject: May is Bike Month

This May, the WMPO is participating in National Bike Month, promoted by the League of American Bicyclists. The WMPO's Go Coast program is hosting its regular challenge for bicyclists to track their miles ridden during May to demonstrate community interest and the local impact of bicycling in our communities. A calendar of rides and events, a signup form, and the ride tracking form will be live on May 1 at gocoastnc.org/bikemonth. A press release, social media promotion and email communications about Go Coast's Bike Month challenge are scheduled.

WMPO staff have requested a proclamation from Wilmington City Council and are supporting efforts for drafting proclamations in other member jurisdictions.

WMPO staff are partnering with the Terry Benjey Bicycling Foundation (TBBF) on a local Bike to School Day on Friday, May 17, 2024. Two elementary schools are participating this year, Pine Valley Elementary School in Wilmington and Carolina Beach Elementary School in Carolina Beach. There will be four routes per school supported by volunteers and participating parents with police support. Maps of the routes are posted at: linktr.ee/bikesafeilm

WMPO staff are supporting Bike to School Day by identifying and testing bike routes, and leading rides at Pine Valley and Carolina Beach elementary schools. WMPO staff will also conduct aerial drone photography of the ride.

Bike to School Day will be on Friday morning of May 17 to get kids to their schools. Additionally, later that day, WMPO staff will support the Kure Beach Bicycle and Pedestrian committee which is leading a traffic garden at Carolina Beach Elementary School for 2nd grade students.

WMPO staff encourage participation in Go Coast's Bike Month challenge throughout May; participants can register for Bike Month at any time to log their May rides at gocoastnc.org/bikemonth.

Wilmington Urban Area Metropolitan Planning Organization

PROCLAMATION

Naming May 2024 as Bike Month

WHEREAS, the month of May is observed as National Bike Month as promoted by the League of American Bicyclists, and Friday, May 17, 2024 is local Bike to School Day; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is committed to the promotion of safe and convenient bicycling for both transportation and recreation; and

WHEREAS, on average, 59 crashes involving bicyclists occur annually in Brunswick, New Hanover, and Pender counties which underscores the importance of ensuring driver awareness and bicyclist safety education in addition to safe facilities for bicycling to prevent crashes; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is committed to promoting the safe use of bicycles on streets and trails throughout the region, through its long-range planning efforts, and support for local projects like the Wilmington Downtown Trail, the Gullah Geechee Heritage Trail, the Pleasure Island Greenway, and many others; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has promoted bicycle safety, awareness, and education through the Be A Looker campaign which encourages children and adults to operate their bicycles in a safe manner and educates drivers on how to share the road with bicyclists; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization, through the Go Coast program, is committed to alleviating traffic congestion by supporting choices in transportation infrastructure and ensuring a clean and healthy environment.

NOW, THEREFORE, the Wilmington Urban Area Metropolitan Planning Organization proclaims May as Bike Month and will continue to promote safe cycling opportunities for citizens of the Wilmington urban area.

Henry E Miller III, Chair



WMPO Board Meeting Minutes
Wednesday, March 27, 2024
6th Floor Training Conference Room
320 Chestnut Street, Wilmington, NC 28401

Members Present

Mike Allen, Town of Belville
Lynn Barbee, Town of Carolina Beach
Jonathan Barfield, Jr., New Hanover County
Brenda Bozeman, Town of Leland
Brad George, Pender County
Frank Williams, Brunswick County
Bill Rivenbark, Cape Fear Public Transportation Authority
Bill Saffo, City of Wilmington
Luke Waddell, Vice Chairman
John Ellen, Town of Kure Beach (Remote)

Others Present

Chad Kimes, NCDOT
Mike Kozlosky, WMPO
Abby Lorenzo, WMPO
Scott James, WMPO
Tera Cline, WMPO
Regina Hopkins, WMPO
Vanessa Lacer, WMPO
Michelle Howes, NCDOT
Carolyn Caggia, WMPO
Greer Shriver, WMPO
Matt Nichols, MPO General Counsel
Allen Oliver, Town of Kure Beach

Members Absent

Eulis Willis, Town of Navassa
Hank Miller, Town of Wrightsville Beach
Landon Zimmer, NC Board of Transportation

1) Call to Order

Vice Chairman Waddell called the meeting to order at 3:00 PM. Mike Kozlosky, WMPO then called roll.

Present: Mike Allen, Lynn Barbee, Brenda Bozeman, Jonathan Barfield, Jr., Frank Williams, Luke Waddell, Brad George, Bill Rivenbark, and Bill Saffo.

Present Remotely: John Ellen **Absent:** Chairman Hank Miller, Eulis Willis, and Landon Zimmer.

2) Conflict of Interest Statement

Vice Chairman Waddell read the conflict-of-interest statement and asked if any Board member has a conflict of interest. No one indicated that they had a conflict.

3) Approval of Board Member Excused Absences

No excused absences.

4) Approval of the Agenda

Mr. Barfield made a motion to approve the agenda as presented, seconded by Ms. Bozeman and the motion carried unanimously.

5) Public Comment Period

No sign ups.

6) Presentations

a. Brunswick County Comprehensive Transportation Plan- Nazia Sardar, NCDOT

Nazia Sardar, NCDOT, presented the Brunswick County Comprehensive Transportation Plan. She stated the purpose of this presentation is informational only for the WMPO. The plan study area includes all of Brunswick County, minus the WMPO area. The adopting agencies will be adopting the main report , which includes multi-modal maps and recommendations. Ms. Sardar went over what a CTP is noting it's a 25-to-30-year long range, multi-modal transportation plan that assesses Brunswick County's existing and future transportation needs, including roadways, bicycle, and pedestrian facilities.

The CTP identifies transportation deficiencies, setting short- and long-term transportation priorities and establishing a relationship between local and regional expectations. It reinforces and supports other local and regional planning and funding initiatives. She stated the CTP provides a framework for local governments , regional planning organizations, and NCDOT to work together on a long-range vision for transportation facilities. It is also used to identify priority projects for funding and construction that will eventually connect to achieve a larger vision for the transportation network as well as lower scale projects that are important to the local area. A major benefit of having a CTP is the eventual submittal of projects to NCDOT for funding that we know as Prioritization.

Ms. Sardar stated that the Brunswick County CTP consists of 54 pages of the main report and 359 pages of Appendices. She noted a lot of information, and details went into creating the CTP since 2020 including multi-modal maps, including highway, bicycle, pedestrian, and rail/transit. The CTP also includes bridge crash and Title VI maps and environmental data.

She stated that the steering committee included 63 members from the adopting agencies. They met for almost one year straight twice a month to create the CTP. There was also a NCDOT Division 3 committee that provided the needs of the area and local transportation network. There was a process called Interagency Coordination Protocol, where subject matter experts from local, state, and federal agencies reviewed the CTP during the entire process and provided feedback.

Ms. Sardar stated that members of the public who live and visit the county were encouraged to offer feedback. An online and paper survey were available and around 7,000 surveys were completed. The in-person events were well attended with over 100 people attending them. Those sessions were hosted in Calabash, Bolivia, and Saint James.

She noted the adopting agencies and mentioned the Cape Fear RPO is endorsing the CTP. Adoption presentations started back in January and the goal is to complete local adoptions by the end of March. Then the CTP will go to NCDOT Board of Transportation in April or May. She then shared the QR code to view the entire CTP. She stated that there are 176 projects that are being recommended in the next 25 to 30 years throughout Brunswick County across all modes. She shared a map displaying the various facility types that are being recommended, such as freeways, expressways, boulevards, etc. The next map she displayed was the recommendations map, which goes into detail about the type of recommendation that is being made from the previous map. For example, whether it's due to congestion, access management, safety, or modernization.

She mentioned that the WMPO has been a part of the process as well. Abby Lorenzo participated in every steering committee meeting since 2020, to ensure continuity and connectivity at the border and ensuring projects coming from the boundary are the same recommendations that are in the MPO's MTP.

Ms. Sarder noted that each map ID is associated with the description on the project list. On the appendix of the report, project sheets are also included that contain every kind of detail that you can imagine on a specific project.

She stated that Brunswick County depends on a Dial and Ride program right now offered through Brunswick County Transit that serves the residents of the county as a demand response transit option. The county has a vision to accommodate for seasonal months and is proposing a park and ride which does not exist right now, and it would only run during the summer months.

She said the only rail recommendation is to have the Carolina Line, also known as the RJCS. This is an abandoned line from Whiteville to Malmo and is being proposed for re-establishment. Between those locations is a strategic economic development opportunity to complete a link in the network.

Ms. Sader presented the final set of recommendations which are bicycle and pedestrian facilities. She stated that previous CTP recommendations, local bicycle, and pedestrian recommendations from local plans, as well as state and regional plans, such as the East Coast Greenway Plan have been incorporated.

Mr. Williams stated this was something Brunswick County had pushed for quite a few years, because they are split between two MPO's and an RPO. He stated it was very important to have a cohesive plan. Commissioner Williams thanked everyone for their participation and is looking forward to the CTP coming into fruition.

7) Consent Agenda

- a. Approval of Board Regular Meeting Minutes- February 28, 2024**
- b. Resolution approving 2024-2033 STIP/MPO Amendment #24-1**
- c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-2**

Ms. Bozeman made a motion to approve the consent agenda and Mr. Barbee seconded, motion carried unanimously.

8) Regular Agenda

- b. Resolution approving Amendment #2 to the FY 24 Unified Planning Work Program**

Mr. Koslosky stated adjustments to the work program could be made until the end of March. All projected expenditures have been looked at and are included in the packet. It includes adjustments to the PL program as well as the STBG program. This is simply just cleaning up our PWP (Planning Work Program), he then stated that Regina Hopkins, senior accountant, is on the phone, who can answer any questions.

Mr. Barbee made a motion to approve the resolution and Mr. Barfield seconded, the motion carried unanimously.

- c. Resolution adopting the FY 25 Unified Planning Work Program**

Mr. Koslosky stated that staff presented the draft FY 25 Unified Planning Work Program to the Board in January and conducted the required 30-day public comment period. Staff also requested feedback from the Board in February and did not receive any.

Mr. Barfield asked if the money came from the State. Mr. Koslosky stated it is a combination of federal, state, and local funds and is broken down into different programs. He said it is federal money that is passed through the state. A portion of transit funds do come from the state as well as local funds.

Mr. Barfield asked what the total amount is that will be received. Regina Hopkins stated the total amount of the budget is \$2,160,666. There is an additional \$500,000 from FY 24 that will carry over, and those are the Safe Streets for All funds. The combined total is \$2,660,666.

Mr. Barfield made a motion to approve, and Mr. Allen seconded, the motion carried unanimously.

c. **Resolution certifying the WMPO Transportation Planning Process**

Mr. Koslosky stated that the MPO is required to annually certify that they are conducting transportation planning in accordance with federal Law. There is a checklist included as part of the certification process.

Mr. Barfield made a motion to approve, and Mr. Barbee seconded, the motion carried unanimously.

9) **Discussion**

a. **2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-3**

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

10) **Updates are all included in the Agenda Packet**

a. **Wilmington Urban Area MPO**

Mr. Kozlosky stated to the Board that a copy of the adopted legislative agenda is included with their packet and a copy will be sent to our state and federal delegation. He also gave an update on moving to Skyline Center. There was then a discussion on parking for meetings at the building once completed. The WAVE transit bus station located behind the MPO building was mentioned as a parking idea. Mr. Kozlosky stated he would follow up with WAVE and discuss that possibility.

b. **Cape Fear Public Transportation Authority**

Updates included in the packet.

c. **NCDOT Division**

Chad Kimes, NCDOT, expressed his appreciation to all on the Cape Fear Memorial Bridge Preservation project. He stated things were going as planned and adjustments would be made accordingly. He also offered the Board a field trip to the bridge to see the progress that has been made.

NCDOT Transportation Planning Division

Nazia Sarder, NCDOT, indicated that related to the Wilmington Travel Demand model, the MPO is working with the counties to verify the socio-economic data. Once that has been sent back, the department will incorporate it into the model, and she will present it to the TCC and the Board. The Pender County CTP steering committee have started a meeting. All other updates are included in the packet.

11) Announcements

- a. **Wilmington MPO Metropolitan Transportation Plan Technical Steering Committee (MTPC) meeting- March 28, 2024**
- b. **WMPO Bike/Pedestrian Committee- April 9, 2024**
- c. **NC Ethics Information Due- April 15, 2024**
- d. **Wilmington MPO Metropolitan Transportation Plan Technical Steering Committee (MTPC) meeting- April 25, 2024**
- e. **River to Sea – Saturday, September 7, 2024**
- f. **Brunswick Heritage Riverside Ride – September 28, 2024**

12) Closed Session

Mr. Waddell made a motion to go into closed session pursuant to the provisions of GS 143-318.11 (a) (3) in order to preserve attorney-client privileges. Ms. Bozeman seconded the motion carried unanimously.

Next meeting – May 1st, 2024

The meeting adjourned at 3:53 p.m. Motion made by Mr. Barfield and seconded by Mr. Williams.

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.**

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-2**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* BL-0118 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117 (COLLEGE ROAD), SR 2048 (GORDON ROAD) TO SR 2206 (NORTHCHASE PARKWAY). CONSTRUCT BICYCLE AND PEDESTRIAN IMPROVEMENTS. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING CONSTRUCTION	FY 2025 - \$65,000 (CRPDA) FY 2025 - \$16,000 (L) FY 2026 - \$1,166,000 (CRPDA) FY 2026 - <u>\$292,000</u> (L) \$1,539,000
* HL-0131 BRUNSWICK PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 133, BELVILLE RIVERWALK PARK ENTERANCE.CONSTRUCT TRAFFIC SIGNAL AND RELATED PEDESTRIAN INFRASTRUCTURE. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 - \$410,000 (BGDA) FY 2025 - \$103,000 (L) FY 2026 - \$1,430,000 (BGDA) FY 2026 - <u>\$357,000</u> (L) \$2,300,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #24-2 TO THE
2024-2033 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-2; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-2.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 1, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #24-3**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* M-0563E STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, RESILIENCE PROGRAM REPORTING, MANAGEMENT AND SUPPORT <u>ADD PRELIMINARY ENGINEERING IN FY 25 AND FY 26</u> <u>NOT PREVIOUSLY PROGRAMMED.</u>	ENGINEERING	FY 2024 - \$850,000 (PROTCT) FY 2025 - \$850,000 (PROTCT) FY 2026 - <u>\$850,000</u> (PROTCT) \$2,550,000
* R-5966 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, FEDERAL TRIBAL TRANSPORTATION PROGRAM (FTTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO TRIBAL LANDS. <u>UPDATE FUNDING IN FY 24, FY 25, FY 26, AND FY 27 AT</u> <u>THE REQUEST OF THE FEDERAL HIGHWAY</u> <u>ADMINISTRATION. COST INCREASE EXCEEDING \$2</u> <u>MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2024 - \$10,463,000 (FTTP) FY 2025 - \$5,598,000 (FTTP) FY 2026 - \$1,309,000 (FTTP) FY 2027 - <u>\$937,000</u> (FTTP) \$18,307,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #24-3 TO THE
2024-2033 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-3.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-3.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 1, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-3**

STATEWIDE PROJECT

STIP ADDITIONS

* HV-0001 STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, CONSTRUCTION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT ALONG NORTH CAROLINA'S ALTERNATIVE CORRIDORS AND NEVI PLANNING. <u>ADD PRELIMINARY ENGINEERING AND</u> <u>CONSTRUCTION FUNDS IN FY 24, FY 25, AND FY 26</u> <u>NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS</u> <u>THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING CONSTRUCTION	FY 2024 - \$2,600,000 (NEVI) FY 2025 - \$2,000,000 (NEVI) FY 2026 - \$2,000,000 (NEVI) FY 2024 - \$55,000,000 (NEVI) FY 2025 - \$20,000,000 (NEVI) FY 2026 - \$20,000,000 (NEVI) \$101,600,000
* M-0563D STATEWIDE PROJ.CATEGORY STATEWIDE	STATEWIDE PROJECT	LIDAR DATA COLLECTION. <u>ADD PRELIMINARY ENGINEERING IN FY 24 NOT</u> <u>PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE</u> <u>PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$1,285,000 (PROTCT) \$1,285,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION'S APPLICATION TO THE UNITED STATES DEPARTMENT OF
TRANSPORTATION FOR THE MULTIMODAL PROJECT DISCRETIONARY GRANT
PROGRAM (MPDG) TO REPLACE THE CAPE FEAR MEMORIAL BRIDGE**

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

WHEREAS, the Cape Fear Memorial Bridge, linking US 17, US 76, and US 421 over the Cape Fear River, has been an indispensable conduit for regional transportation and economic development; and

WHEREAS, the replacement of the bridge adds an additional lane of capacity for the projected 94,900 vehicles per day that will travel it in 2050 compared to the 2023 base year counts of 65,200 vehicles per day; and

WHEREAS, the replacement of the bridge also adds a 15' multi-use path which will serve as the only bicycle and pedestrian connection between New Hanover County and Brunswick County, which does not currently exist today; and

WHEREAS, the bridge is a critical element in facilitating freight movement to and from the Port of Wilmington, ranked number 1 as the most productive port in North America and 44th in the world for 2022, underlining its importance to the regional economy; and

WHEREAS, assessments from the 2021 Routine Inspection Report designate the bridge as functionally obsolete; and

WHEREAS, given the repeated financial investments for its rehabilitation, there exists a need for a holistic solution; and

WHEREAS, the proposed alternatives and design considerations harmonize with both regional and statewide infrastructure development goals, ensuring sustained and efficient traffic flow on one of North Carolina's key Strategic Transportation Corridors; and

WHEREAS, the most recently available crash data, drawn from the bridge and its contiguous roadways, underscore the urgency of the situation, with trends consistently surpassing statewide crash metrics. The project poised to mitigate these crash rates; and

WHEREAS, beyond ameliorating current traffic and safety challenges, the replacement of the Cape Fear Memorial Bridge stands to stimulate regional economic resurgence, amplify the operational efficacy of the Port of Wilmington, and foster economic opportunities in neighboring underserved areas; and

WHEREAS, this initiative holds pronounced potential environmental dividends, including a marked reduction in greenhouse gas emissions and bolstered infrastructure resilience against natural adversities; and

WHEREAS, the replacement of the Cape Fear Memorial Bridge is the Wilmington Urban Area Metropolitan Planning Organization's top unfunded transportation priority.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby expresses its support and endorsement for the NCDOT's application to the United States Department of Transportation for the Multimodal Project Discretionary Grant Program (MPDG) to replace the Cape Fear Memorial Bridge.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 1, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA STATE PORTS AUTHORITY'S
GRANT APPLICATION FOR THE UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY'S FY2024 CLEAN PORTS PROGRAM TO FUND ZERO EMISSIONS EQUIPMENT
AT THE PORT OF WILMINGTON**

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 North Carolina State Ports Authority owns and operates an ocean port terminal in Wilmington, North Carolina in New Hanover County, and the operation of such a terminal is a tremendous catalyst for economic growth and development throughout North Carolina and the region; and

WHEREAS, the North Carolina State Ports Authority contributed more than \$16.2 billion in annual economic contribution to the state's economy constituted by goods moving through the port facilities and supported 88,200 full-time jobs at North Carolina businesses; and

WHEREAS, the North Carolina State Ports Authority's strategic plan forecasts a significant increase in commercial activity at the Port of Wilmington over the next five years; and

WHEREAS, the Inflation Reduction Act of 2022 provides the United State Environmental Protection Agency (USEPA) with \$3 billion to fund zero-emission port equipment and infrastructure as well as climate and air quality planning at U.S. ports, and

WHEREAS, zero emissions port equipment at the Port of Wilmington will build a foundation for the port to transition over time to reduced and fully zero-emissions operations, positioning the port to serve as a catalyst for transformational change across the freight sector, and

WHEREAS, zero emissions port equipment at the Port of Wilmington will reduce diesel pollution (criteria pollutants, GHGs, and air toxics) in near-port communities, and

WHEREAS, the North Carolina State Ports Authority is preparing a grant application entitled North Carolina Zero Emissions Clean Ports to fund zero emissions equipment and infrastructure investments at the Port of Wilmington.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina State Ports Authority's Zero Emissions Clean Ports grant application at the Port of Wilmington.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 1, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE TOWN OF LELAND’S APPLICATION TO THE
UNITED STATES DEPARTMENT OF TRANSPORTATION FOR THE REBUILDING
AMERICAN INFRASTRUCTURE WITH SUSTAINABLE AND EQUITY (RAISE) GRANT
TO CREATE A COMPREHENSIVE PLAN FOR THE BASIN STREET EXTENSION
PROJECT**

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 United States Department of Transportation’s Rebuilding American Infrastructure with Sustainable and Equity (RAISE) grant allows eligible municipalities to apply for funding to complete critical transportation infrastructure projects; and

WHEREAS, RAISE grants will be awarded on a competitive basis, per statute, for planning or constructing surface transportation infrastructure projects that will improve safety; environmental sustainability; quality of life; mobility and community connectivity; economic competitiveness and opportunity including tourism; state of good repair; partnership and collaboration; and innovation; and

WHEREAS, the Town of Leland has identified the Basin Street Extension project, which will extend Basin Street from Old Fayetteville Road to Village Road, as a project critical to the Town’s infrastructure needs; and

WHEREAS, the Town of Leland meets the eligibility requirements as outlined in the RAISE grant’s Notice of Funding Opportunity; and

WHEREAS, the Town of Leland has applied for a USDOT RAISE grant in the amount of \$3,120,000 and committed a 20% local match of \$780,000 to fund the creation of a comprehensive plan for the Basin Street Extension project.

WHEREAS, the Basin Street Extension project is included in the Wilmington Urban Area Metropolitan Planning Organization’s adopted Cape Fear Moving Forward 2045 Metropolitan Transportation Plan.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the Town of Leland’s application for a RAISE grant for the Basin Street Extension project.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on May 1, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #24-4**

STATEWIDE PROJECT

STIP MODIFICATIONS

* ER-5600 STATEWIDE PROJ.CATEGORY DIVISION	STATEWIDE PROJECT	VARIOUS, VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND LANDSCAPING STATEWIDE. <u>ADD PRELIMINARY ENGINEERING FUNDS IN FY 24 - FY 28 NOT PREVIOUSLY PROGRAMMED.</u>	ENGINEERING	FY 2024 - \$100,000 (STPE) FY 2025 - \$100,000 (STPE) FY 2026 - \$100,000 (STPE) FY 2027 - \$100,000 (STPE) FY 2028 - \$100,000 (STPE)
			CONSTRUCTION	FY 2024 - \$1,000,000 (STPE) FY 2025 - \$1,000,000 (STPE) FY 2026 - \$1,000,000 (STPE) FY 2027 - \$1,000,000 (STPE) FY 2028 - <u>\$1,000,000</u> (STPE) \$5,500,000



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: Mike Kozlosky, Executive Director

DATE: April 22, 2024

SUBJECT: 23rd Street Widening

The Wilmington Urban Area Metropolitan Planning Organization's (WMPO) adopted Cape Fear Moving Forward 2045 Metropolitan Transportation Plan includes the widening of 23rd Street to 4 lanes with a 4-foot bike lane and 5-foot sidewalks between the Martin Luther King Jr. Parkway and NC 133/Castle Hayne Road. Wilmington International Airport (ILM) requested the North Carolina Department of Transportation (NCDOT) widen 23rd Street between the Martin Luther King Jr. Parkway and Airport Boulevard. NCDOT completed a feasibility study, and the project was submitted by the WMPO for consideration in Prioritization 7.0.

ILM is the fastest growing airport in North Carolina and 4th fastest in the country based on percentage of seats added over the prior year. A 2022 NCDOT Division of Aviation study concluded that ILM contributes \$2.5B in economic impact and supports 13,550 regional jobs with 1,252 jobs directly attributed to the airport, occurring within its property boundary. Since 2022, ILM has signed nearly 164 acres of new lease area with 11 new tenants in various stages of development. The collective workforce contribution of these committed projects is 691 new jobs.

ILM has requested Economic Development funding (see attached letter) from NCDOT for the widening of 23rd Street from the Martin Luther King Jr. Parkway to Airport Boulevard to provide additional capacity and overhead signage in an effort to eliminate current travel delays, improve driver wayfinding, and accommodate imminent and future economic growth. In recognition of the importance of the 23rd Street widening to the airport, ILM has committed \$1M in companion funding for the widening project. If approved, any Economic Development funding would need to come from NCDOT's Division Needs Tier.

The Kerr Avenue Extension (U-6201) project is funded through the Division Needs tier. On March 29, 2023, the WMPO Board requested NCDOT explore alternative design options for the College Road/Oleander Drive intersection improvements (U-5704). NCDOT is currently evaluating alternative design options for this intersection. Since the Kerr Avenue Extension is

within the College Road/Oleander Drive study area, the delay of this project is recommended. In addition to delaying the Kerr Avenue Extension project, the WMPO Board would also need to consider one of the following:

- Martin Luther King Jr. Parkway/College Road interchange (U-5792) a 1-year construction delay (construction FY 28 to FY 29)
- College Road/Carolina Beach Road intersection improvements (U-5790)- a 1-year delay to both right of way and construction (right of way FY 27 to FY 28 and construction FY 29 to FY 30)
- U-4434 1-year delay to both right of way and construction (right of way FY 27 to FY 28 and construction FY 31 to FY 32)

Another option is to remove the sidewalks and bike lanes from the project and only construct an additional travel lane. This would be at a cost to NCDOT in the amount of \$2.4 million. If this option is selected, it would only require a delay of the Kerr Avenue extension project.

NCDOT is currently updating the traffic forecast for the Martin Luther King Jr. Parkway/College Road interchange and this work will more than likely result in a delay to this project. Based on a review of the options, WMPO staff recommends delaying the Kerr Avenue Extension project (U-6201) to PE only and delaying the construction of the Martin Luther King Jr. Parkway/College Road interchange (U-5792) for one year to construct a cross-section that includes the 4 travel lanes, bike lanes, and sidewalks if Economic Development funds are approved for the 23rd Street widening.



Mr. D. Chad Kimes, PE
 Division Engineer
 NCDOT Highway Division 3
 5501 Barbados Blvd.
 Castle Hayne, NC 28429

Airport Authority

F. Spruill Thompson
 Chairman

Nick Rhodes
 Vice-Chairman

Jason Thompson
 Secretary

Wanda Copley

Faison B. Gibson

LeAnn Pierce

W. Lee Williams

March 27, 2024

Dear Mr. Kimes,

Wilmington International Airport (ILM) is requesting NCDOT Economic Development program funding for a proposed roadway widening project. Primary access to ILM today is via a single northbound lane of 23rd Street south of Airport Blvd. The proposed project would add a dedicated turn lane and overhead signage to eliminate current travel delays, improve driver wayfinding and accommodate imminent and future economic growth.

A 2022 NCDOT Div. of Aviation economic impact study determined that ILM contributes \$2.5B in economic impact and supports 13,550 regional jobs. It also found that 1,252 jobs were directly attributed to the Airport, occurring within its property boundary.

Since 2022, the Airport has signed nearly 164 AC of new lease area with eleven (11) new tenants that are in various stages of project development. **The collective workforce contribution of these committed projects is 691 new jobs.**

Lessee Use	Area (Ac)	New Jobs
• Auto Auction/ Premium Auto Club	16.0	15
• Bank Office/ Branch	2.7	25
• Corporate Aircraft Hangars #1 (North Ramp)	7.5	35
• Corporate Aircraft Hangars Complex #2 (Customs)	0.8	5
• Hotel & Restaurant	4.7	100
• Entertainment Complex	16.1	90
• Cold Storage Facility #1 & Inspection Station	29.3	131
• Cold Storage Facility #2	28.9	125
• Cold Storage Facility #3	23.6	125
• Cirrus Aircraft Flight School & Service Center	24.9	35
• Lumber Wholesale Warehouse	9.4	5
Total	163.9 Ac	691 Jobs

Wilmington
 International Airport
 1740 Airport Blvd., Ste. 12
 Wilmington, NC 28405

910.341.4333

flyilm.com



In terms of 2023 commercial air service, ILM was the fastest growing airport in NC and 4th fastest in the US based on percentage of seats added over the prior year. This fueled a record number of passenger enplanements and a 23% increase in passenger traffic above 2022, the previous record.

The economic impact of increased air travel and the creation of the new jobs mentioned above is beneficial to our region's economy but place additional strains on the primary roadway serving the Airport. Improving the roadway network connecting southeast NC to its largest airport is important but the 23rd Street Widening Project is its most critical link. ILM recognizes the importance of this vital connection and will commit \$1,000,000 in companion funding to increase the impact of NCDOT grant dollars and ensure this project is successful.

If you have any questions, please do not hesitate to contact me.

Regards,

A handwritten signature in black ink that reads "Jeffrey Bourk".

Jeffrey Bourk, AAE
Airport Director

Cc Mike Kozlosky, Executive Director, WMPO

Wilmington
International Airport
1740 Airport Blvd., Ste. 12
Wilmington, NC 28405

910.341.4333

flyilm.com

**WILMINGTON URBAN
AREA MPO
April 2024**

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:

- Beginning in June 2023, a Citizen Advisory Committee (CAC), to guide public outreach was convened. The CAC met during phase 1 of public outreach and will be convened next in June of 2025 during phase 2 of public outreach to review the draft plan.
- Beginning in July 2023, a MTP Technical Steering Committee (MTPC), tasked with guiding plan development, was convened. The MTP Technical Steering Committee will continue to meet through August 2024 and will be reconvened in June 2025 to review the draft plan.
- In April 2024 the MTP Technical Steering Committee will be engaged in the development of modal performance metrics and scoring matrixes through which projects will be scored for inclusion in the MTP.

NCDOT IMD FEASIBILITY STUDY GRANTS

In July 2022, the North Carolina Department of Transportation (NCDOT) was allocated \$2 million in one-time funding from the North Carolina General Assembly to establish a Paved Trails Feasibility Study Program. The Integrated Mobility Division (IMD) was also awarded \$500,000 in State Planning and Research (SP&R) funds to support sidewalk and shared-use path feasibility studies. The purpose of the Paved Trails and Sidewalk Feasibility Studies Grant Program is to improve the pipeline of bicycle and pedestrian projects accessing state and federal funding, resulting in successful implementation of projects led by communities prioritizing multimodal infrastructure.

Wilmington Downtown Trail Phases 2 & 3:

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

Project Status and Next Steps:

- The first steering committee took place on October 17, 2023.
- The first public outreach sessions took place October-December 2023. Public engagement consisted of in-person events and an online survey that included an online comment map. In all, 486 survey responses were collected, 352 map comments were received, and 59 in-person conversations were conducted.
- The second public outreach sessions will take place in late spring 2024.
- Draft study report anticipated in summer 2024.

Gullah Geechee Heritage Trail:

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

Project Status and Next Steps:

- The first steering committee took place in September 2023.
- The first public outreach sessions took place during September/October 2023. There was an online survey open through the entire month of October as well. 370 surveys were completed with 120+ in-person conversations during this round of public outreach.
- The second steering committee took place on January 4, 2024.
- The second public outreach session is taking place in March 2024. An online survey is available throughout March and three public meetings were held to collect input:
 - Navassa Community Center – Thursday March 14
 - Easter Egg Hunt at Belville Riverwalk Park – Sunday, March 24
 - Leland Town Hall – Tuesday, March 26
- 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: 9 reviews
- New Hanover County Informal Plan Reviews: 1 review
- New Hanover Concept Reviews: 1 review
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 11 reviews
- Town of Leland Informal Reviews: 2 reviews
- Town of Navassa Formal Plan Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews

- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Town of Carolina Beach Concept Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 11 reviews
- Pender County Informal Reviews: 1 review
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 47 reviews (4 new, 43 on-going)
- City of Wilmington Informal Reviews: 17 reviews (4 new, 13 on-going)
- City of Wilmington Concept Reviews: 0 review (0 new, 0 on-going)
- City of Wilmington Full Releases: 6

TIA Reviews: 31 total active (3 new; 28 under review; 1 approved)

- New Hanover County 10 (1 new, 9 under review, 1 approved),
- City of Wilmington 9 (2 new, 7 under review, 0 approved, 1 waiver),
- Carolina Beach 1, (0 new, 1 under review, 0 approved),
- Town of Belville 0,
- Town of Leland 1 (0 new, 1 under review, 1 approved),
- Town of Navassa 1, (0 new, 1 under review, 0 approved),
- Pender County 9 (1 new, 8 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.
- Final approval received from CFPUA
- Design and ROW complete and awaiting construction once MSL portion is complete.
- Construction bidding anticipated in April 2024

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

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

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Tree work for Duke Energy Utility Relocations - In Progress
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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

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

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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

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

Project Status and Next Steps:

- NCDOT ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Tree work for Duke Energy Utility Relocations - In Progress
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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 18th
- Bid Opening (LET) on June 8, 2023
- One (1) bid submitted and rejected due to excessive cost(s)
- Revised bid schedule set for September 6th
- Two (2) bids received on September 6th, the city and NCDOT agreed to proceed.
- An Ordinance and resolution for award of construction contract was approved at the November 8th City Council meeting.
- The PRE-CON_CONCURRENCE REQUEST – CONSTRUCTION was submitted into NCDOT EBS System and approved by NCDOT.

- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- They are presently working through the contract documentation requirements.
- Once completed, a Pre-Construction meeting will be held accordingly.
- The PS_ CEI COST spreadsheet was submitted into NCDOT EBS System and waiting approval from NCDOT. Received Approval from NCDOT on 1/22/24.
- NCDOT requested a Draft of Contract for their approval to proceed. (Draft was submitted on 1/30/24 into EBS System)
- NCDOT approved Draft Contract and Final Contract Documents.
- They also approved Project Submittal Documents.
- A Pre-Con Meeting was held on 02/28/2024.
- Notice To Proceed (NTP) Date is 03/11/2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.
- Material Submittals have been entered into the NC EBS Portal for approval.
- Mobilization has taken place; Lay Down Area was established with the Wilmington Lodge on S. College Rd.
- Erosion Control Has been Installed and Materials ordered accordingly.

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-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
- Received 30% plans from Kimley Horn and submitted via EBS.
- FY24 grant awarded for estimated construction costs

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.
- Agreement reached with CSX regarding the trail crossing design and safety measures at King Street.
- CSX has indicated that a crossing of its active corridor outside of the King Street right-of-way will not be permitted. The City is currently evaluating alternative alignment options for the trail to connect to King Street from the NHC School property via Hall and 11th Streets.
- NCDOT Rail Division contracted with WSP and has developed conceptual track and trail alignment within the corridor between 3rd Street and McRae Street. Verbal concurrence with this alignment has been given by NCDOT Rail Division.
- Restart of design efforts underway in February and March 2024.
- Meeting with emergency services representatives to discuss alternatives for the ADA access ramp relocation within the gulch corridor.
- Request to CSX for additional discussion regarding an allowance for the trail corridor to cross ROW north of 11th Street to minimize utility and tree impacts anticipated from new alignment on Hall and 11th Streets.
- Draft scope addendum and fee for additional design services resulting from NCDOT Rail's conceptual track and trail layout submitted by WSP to City for review and comment.

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 started in September 2023
- 30% design plans have been reviewed
- 60% design plans are in development

BL-0074 – TOWN OF LELAND- US 17 Pedestrian crossing at Olde Waterford Way/Ploof Road
Project Descriptions/Scope: Installation of signalized pedestrian crossing at the intersection of US 17/Olde Waterford Way/Ploof Road in Leland, NC

Project Status and Next Steps:

- NCDOT Agreement executed Aug 24, 2023
- PE funds authorized September 14, 2023
- Town of Leland RFQ for PE services issued February 1, 2024, with submission deadline March 5, 2024
- Project Completion September 14, 2028

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

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

Project Status and Next Steps:

- Agreement executed with NCDOT on May 24, 2022
- PE Authorization obtained on January 20, 2023
- Design kick-off meeting between City and RS&H staff held on January 31, 2023
- 25% Plans approved by NCDOT on February 12, 2024
- Natural Resources Technical Report (NRTR)/Environmental Document is in progress
- Redline Drainage Plans submitted on March 27, 2024 - 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
- Bid opening in October 2023
- Re-bid and opening in November 2023
- Request additional funds for construction January 2024
- Pre-construction meeting April 2024

- Start of construction May 2024

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

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

Project Status and Next Steps:

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

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 CFPUA indicate conflicts with utilities that require design adjustments
- NCDOT issued notice of Construction Authorization on April 12, 2022.
- Level A SUE completed, and move Level A SUE's requested
- CFPUA approved final plans
- Right of way acquisition is complete and was sent to NCDOT for ROW certification
- Right of Way Certification received
- NCDOT reviewing encroachment agreement
- Construction bidding anticipated in April 2024

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

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

Project Status and Next Steps:

- 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 6th
- Two (2) bids received on September 6th, the city and NCDOT agreed to proceed.
- An Ordinance and resolution for award of construction contract was approved at the November 8th City Council meeting.
- The PRE-CON_CONCURRENCE REQUEST – CONSTRUCTION was submitted into NCDOT EBS System and approved by NCDOT.
- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- They are presently working through the contract documentation requirements.
- Once completed, a Pre-Construction meeting will be held accordingly.
- The PS_CEI COST spreadsheet was submitted into NCDOT EBS System and waiting approval from NCDOT. Received Approval from NCDOT on 1/22/24.
- NCDOT requested a Draft of Contract for their approval to proceed. (Draft was submitted on 1/30/24 into EBS System)
- NCDOT approved Draft Contract and Final Contract Documents.
- They also approved Project Submittal Documents.
- A Pre-Con Meeting was held on 02/28/2024.
- Notice To Proceed (NTP) Date is 03/11/2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.
- Material Submittals have been entered into the NC EBS Portal for approval.
- Design work on the signal arm mast has begun.

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
- Final CE approved on October 11, 2023
- Project close out and finalize all tech memorandums December 31, 2023
- Awaiting final invoice, January 10, 2024
- Requested project closure via LPMO office.

TC – 0021 WAVE PASSENGER AMENITIES AND UPGRADES

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

Project Status and Next Steps:

- The project was awarded funds in November 2021
- NC Board of Transportation approved the flex request in January 2023
- Flex request confirmed end of April 2023
- Letters from NCDOT transmitted May 23, 2023
- Contract awarded to Tolar

TC-0027 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description: Passenger Facilities and amenities replacement, security, and improvement: acquire, construct, or replace structures, equipment, and systems that provide passenger facilities and amenities for fixed route bus service in the Wilmington, NC UZA. Projects include acquisition and installation of bus shelters, lighting and landing platforms along existing routes; evaluation of a new customer service enclosure at Forden Transfer Station; and extension of fencing at Padgett Transfer Station.

Project Status and Next Steps:

- The fencing at Padgett was completed in May 2023 (132 linear feet at Padgett for \$3,565.00)
- Proposals were received as part of an Invitation to Bid for the shelters and benches in Spring 2023. Tolar was selected.

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 May 16, 2024, at 3 PM.
2. TDM strategies during the Cape Fear Memorial Bridge Preservation Project – To support the community during upcoming bridge lane closures, WMPO staff has pursued a two-prong approach to area employers as well as WMPO member jurisdictions and the public. For employer outreach, staff have created a Commuter Friendly Employer toolkit which contains information on TDM strategies and how employers can support their usage. Staff have met with employers in New Hanover and Brunswick counties and employers on the Go Coast committee have been briefed as well. Additionally, staff has contacted all WMPO member jurisdictions to discuss a communications toolkit for promoting TDM strategies to area residents.

The WMPO has partnered with Wave Transit on a project with support from NCDOT to expand RideMICRO services in Zone 1 (serving Brunswick County) and promote transportation demand management to mitigate traffic congestion. NCDOT has agreed to fund \$500,000 in congestion mitigation efforts. An additional vehicle has been added to RideMICRO Zone 1 to expand service and hours, and WMPO and Wave staff are working on marketing efforts to promote this service in addition to TDM strategies. Promotions are being posted via billboards, social media and Google advertising, and advertising with local media partners including WECT, Port City Daily, WHQR, and The Penguin radio. Wave and WMPO staff are continuing to monitor traffic impacts to implement strategies that are both helpful and fiscally responsible.

3. Bicycle Helmet Initiative – In February, the WMPO applied for 100 children’s bicycle helmets through NCDOT’s Bicycle Helmet Initiative. If awarded, helmets will be received in late April.



Cape Fear Public Transportation Authority April 2024 Update

Reimagine Wave Transit Short-Range Plan

The Reimagine Wave Transit Short-Range Plan is entering its final stage as route and service revisions have been identified under three funding scenarios including budget neutral (maintaining the current FY24 level of funding), a 30% reduction and a 30% increase. A public outreach progress has begun to gather input and feedback on the plan's recommendations and detailed information and ways to provide input can be found on the Wave Reimagine website at <https://www.wavetransit.com/reimagine-wave-transit/>. The final plan is expected to be presented to the Wave Board for consideration at their May 23 meeting.



Wave Transit Cape Fear Bridge Mitigation Project

Wave continued its expanded RideMICRO services connecting north Brunswick County with downtown Wilmington with additional hours and additional capacity in Zone 1 with service now having operated for six weeks. In terms of passengers per day, RideMICRO for the month of March 2024 was 36% higher when compared to the period in February 2024 before this expanded service began (2/19/24).

Ridership Update

For March 2024, Wave's fixed-route buses had 56,174 passenger trips and 1,517 RideMICRO trips. Due to the timing of the reporting period, ridership numbers are incomplete and expected to increase. Final numbers will be shared once available.

WMPO MARCH PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DDRL	U-6202	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	NEW HANOVER	2024.07.16
Trace Howell	DDRL	R-3300A	US 17 HAMPSTEAD BYPASS FROM US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210	NEW HANOVER, PENDER	2025.07.15
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2025.09.18
Derek Pielech	LET	15BPR.142	BRIDGE PRESERVATION. BRIDGE 090096 OVER US 74 & US 76 ON US 17; BRIDGE 090198 OVER ICW & NC 179 ON SR 1172.	BRUNSWICK	2026.09.15
Trace Howell	DDRL	U-5710	US 74 (EASTWOOD ROAD) SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION - CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	NEW HANOVER	2026.09.15
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	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2027.07.03
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 CONSTRUCT FLYOVERS AT US 421 AND NC 132. INCLUDES U-5859.	NEW HANOVER	2029.03.20
Brian Harding	DDRL	U-5731	US 74 AT US 17/US 421, CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	NEW HANOVER	2029.06.19
Brian Harding	DPOC	U-6128	US 76 (OLEANDER DRIVE) NEW HANOVER COUNTY AT GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.	NEW HANOVER	2029.06.21
Brian Harding	DDRL	U-5729	US 421 (CAROLINA BEACH ROAD) FROM US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON UPGRADE ROADWAY.	NEW HANOVER	2029.07.17

WMPO MARCH PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
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
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-5702A	NC 132 (COLLEGE ROAD) FROM SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD).	NEW HANOVER	2031.02.18
Trace Howell	DDRL	U-5704	NC 132 (COLLEGE ROAD) AT US 76 (OLEANDER DRIVE).	NEW HANOVER	2031.03.18
Trace Howell	DDRL	U-5881	NC 132 (COLLEGE ROAD) FROM SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	NEW HANOVER	2031.05.20
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

*Dates are subject to change.

Update provided: 04/01/2024

PO: WMPO

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

WMPO MARCH 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.	2024.11.15	66.51%
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	90.67%
C203980	Joshua Pratt	U-4751	New Hanover	MILITARY CUTOFF ROAD EXTENSION FROM MARKET STREET TO THE WILMINGTON BYPASS WITH AN INTERCHANGE AT THE BYPASS.	2024.04.30	96.50%
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 IN BELVILLE FROM SR 1551 (BLACKWELL ROAD) TO SR 1554 (OLD RIVER ROAD).	2024.07.06	56.36%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.03.04	61.34%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210 TO NORTH OF SR 1563 (SLOOP POINT ROAD).	2027.12.14	40.93%
C204902	Joshua Pratt	15BPR.102	New Hanover	CAPE FEAR MEMORIAL BRIDGE REHABILITATION	2024.06.28	30.74%

*Dates are subject to change.

WMPO MARCH RESURFACING PROJECTS

Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
C204720	2024	PENDER	I-40 FROM WEST OF US-117 (MM-388) TO NC-210 (MM-408).	2024.06.01	70.00%
DC00425	2023	BRUNSWICK, NEW HANOVER, PENDER	ADA VARIOUS SECONDARY - DIVISION 3 WIDE.	2024.06.30	85.00%
DC00426	2023	NEW HANOVER	RESURFACING AND PAVING PRESERVATION.	2024.04.24	78.68%
C204833	2024	NEW HANOVER, PENDER	I-40 RESURFACING FROM MM-420 TO MM-408 AT NC-210.	2025.09.15	14.54%
DC00445	2024	BRUNSWICK	VAROUS ROUTES.	2025.05.16	55.87%
DC00437	2024	NEW HANOVER	RESURFACING VARIOUS ROUTES.	2025.05.16	0.00%
C204866	2024	BRUNSWICK	I-140 RESURFACING FROM US-17 TO NORTH OF US-74.	2025.06.15	0.00%
DC00431	2024	BRUNSWICK	NC 130 & VARIOUS ROUTES.	2024.05.31	0.00%

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

Update provided:

04/01/2024

PO: WMPO

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

APRIL 2024

Kim Nguyen
Regional Planner- Coastal Plains
Integrated Mobility Division
1550 Mail Service Center
Raleigh, NC 27601

APRIL IMD UPDATES WILMINGTON MPO

April 2024

FY 25 Multimodal Planning Grant: The annual Multimodal Planning grant for FY 25 has closed March 25th. Any town/municipality wanting a bicycle/ pedestrian plan, plan update, or plan acceleration that wanted to apply and missed the deadline, please reach out to me to see if there could be any extensions given. If any additional assistance is needed, please contact the regional planner for that area.

FY 24 Carolina Beach bicycle and Pedestrian Plan: The Carolina beach bike/ped plan has kicked-off. Steering committee members have been contacted and are awaiting further details for the initial meeting to be held on April 10, 2024.

Kure Beach Paved Trails Feasibility Study: The second and final public meeting was held at the Kure Beach town hall on March 20th. There were more than 100 people in attendance to give feedback, answer survey questions and learn more about the progress and plans for the study. Thank you to everyone who participated and helped guide the public during the meeting.

2024 Bicycle Helmet Initiative: This year's Bicycle Helmet Initiative has been delayed due to funding. We're still anticipating sending helmets out by mid-April. We apologize for any inconvenience to those organizing events, and we thank you for your patience. If you have any questions or concerns regarding this, please feel free to email me.

Sincerely,

Kim Nguyen
Regional Planner- Coastal Plains
Integrated Mobility Division

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
INTEGRATED MOBILITY DIVISION
1550 MAIL SERVICE CENTER
RALEIGH, NC 27699-1550

Telephone: 919-707-4676
Fax: 919-733-1391
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

April 2024

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

APRIL TPD UPDATES WILMINGTON MPO

April 2024

Wilmington Model: Base and future year socio-economic data was sent to the MPO for review and verification in January. During the month of March, the MPO provided TPD with data verification. Further verification was requested throughout the month, the engineer and modeler are working on updating the model as the verification comes in.

Brunswick County Comprehensive Transportation Plan (CTP): The CTP went through adoption presentations during the month of February and March. By end of March, most all adopting agencies (10 out of 11) adopted or endorsed the CTP, the last adopting agency is anticipated to adopt the CTP by first week of April. NCDOT BOT adoption is anticipated to occur in May.

Pender County Comprehensive Transportation Plan (CTP): The fourth Pender County CTP meeting is on April 9th and fifth meeting is on April 23rd at 10:30am. The committee is working on advertising for the CTP survey that will be released during the summer months and updating the adopting agencies. The committee is also working on base year roadway network.

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.com) | [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)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](https://www.ncdot.gov/traffic-safety)

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

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

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

Location:
1554 MAIL SERVICE CENTER
RALEIGH, NC 27699

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