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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: July 7, 2022
SUBJECT: July 13th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, July 13th at 10 am. This meeting will be held in the 4th Floor Technology Conference Room located at 305 Chestnut Street in downtown Wilmington. Due to COVID-19, the meeting is being conducted remotely. **PLEASE NOTE:** This will be a remote meeting conducted pursuant to N.C.G.S. sec. 166A-19.24.

The remote meeting will be simultaneously streamed live online so that simultaneous live audio, and video, if any, of the meeting is available to the public at the following:

<https://us06web.zoom.us/j/86755841388?pwd=L3ZiWE5vTkxmR2EzTkIFQktvQi9yQT09>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in numbers: 301 715 8592 or 646 558 8656 and entering the following credentials:

Meeting ID: 867 5584 1388
Passcode: 158784

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentations
 - a. Congestion Management Process Data Support- Zachary Bugg P.E., Kittleson
- 3) Consent Agenda
 - a. Approval of TCC Meeting Minutes- June 15, 2022
 - b. Opening of the 30-day public comment period for 2020-2029 STIP/MPO Amendment #22-5
 - c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-6
- 4) Discussion
 - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-7

Wilmington Urban Area Metropolitan Planning Organization

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

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- b. Initial Draft 2024-2033 State Transportation Improvement Program Project Swaps
 - c. Cape Fear Memorial Bridge Replacement
 - 5) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
 - 6) Announcements
 - a. Wilmington MPO Bike/Pedestrian Committee- August 9th
 - 7) Next meeting- August 17, 2022

Attachments:

- TCC Meeting Minutes- June 15, 2022
- Proposed 2020-2029 STIP/MPO Amendment #22-5
- Proposed 2020-2029 STIP/MPO Administrative Modification #22-6
- Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-6
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-7
- Initial Draft 2024-2033 State Transportation Improvement Program Projects Available to Swap by Tier (Statewide, Regional, and Division)
- Initial Draft 2024-2033 State Transportation Improvement Program Project Swaps Memorandum
- Initial Draft 2024-2033 State Transportation Improvement Program Project Swaps Scenarios (A-E)
- Cape Fear Memorial Bridge- Overview of NCDOT To Evaluate Project Delivery Options
- Wilmington Urban Area MPO Update (July)
- Cape Fear Public Transportation Authority Update (July)
- NCDOT Division Project Update (July)
- NCDOT Transportation Planning Division Project Update (July)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, June 15, 2022
Remote Meeting Minutes**

Members Present

Stephanie Ayers, NC State Ports Authority
Ashli Barefoot, Town of Leland
Helen Bunch, Brunswick County
Adrienne Cox, NCDOT Division of Highways
Granseur Dick, Wilmington International Airport
Patrick Flanagan, Cape Fear Council of Governments
Jeremy Hardison, Town of Carolina Beach
Adrienne Harrington, Town of Belville
Mike Kozlosky, WMPO
Vanessa Lacer, Pender County
Rachel LaCoe, New Hanover County
Abby Lorenzo, MPO Go Coast Program
Robert O'Quinn, Town of Wrightsville Beach
Marie Parker, Wave Transit
Mandy Sanders, Town of Kure Beach
Nazia Sarder, NCDOT Transportation Planning Branch
Denys Vielkanowitz, City of Wilmington

Members Absent

Claudia Bray, Town of Navassa

Others Present

Gerald Carter, TEA
J Dayton
Regina Hopkins, WMPO
Scott A. James, WMPO
Jamar Johnson, WMPO
Sean Kane
Rachel McIntyre, WMPO
Riley Palmer
Amy Passaretti
Emma Stogner, WMPO
Tony Sumter, NCDOT
mwiater

1) Call to Order

Chairman Mike Kozlosky called the remote meeting to order at 10:01 a.m. He took the roll call pursuant to N.C.G.S. Section 166A-19.24. A quorum was present, as follows:

Present: Stephanie Ayers, Ashli Barefoot, Helen Bunch, Adrienne Cox, Granseur Dick, Patrick Flanagan, Adrienne Harrington, Mike Kozlosky, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Robert O'Quinn, Marie Parker, Mandy Sanders and Denys Vielkanowitz. **Absent:** Claudia Bray, Jeremy Hardison and Nazia Sarder.

2) Approval of the Agenda

Ms. Bunch made a motion to approve the agenda as presented. Ms. Ayers seconded the motion and it carried unanimously by roll call, as follows:

Ayes: Stephanie Ayers, Ashli Barefoot, Helen Bunch, Adrienne Cox, Granseur Dick, Patrick Flanagan, Adrienne Harrington, Mike Kozlosky, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Robert O'Quinn, Marie Parker, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Claudia Bray and Jeremy Hardison.

3) Presentation

a. Kure Beach Bicycle and Pedestrian Plan – Abby Lorenzo, WMPO

Mr. Kozlosky noted that the resolution adopting Kure Beach Bicycle and Pedestrian Plan has been included in the consent agenda for consideration.

Ms. Lorenzo gave an overview of Bicycle and Pedestrian Plan that was developed during the past fiscal year by the Town of Kure Beach in cooperation with the MPO and the consultant, Alta. She noted that the Town had requested the plan in response to the MPO's call for local transportation planning needs in preparation for the MPO's FY22 Unified Planning Work Program (UPWP). Although Kure Beach's Bicycle and Pedestrian Committee had completed a walking audit report in 2020, the

committee desired a formal plan that would consider the recommendations and policies of existing regional planning documents as well as the findings of the 2020 report, to identify project needs.

Ms. Lorenzo said that the plan was developed with critical stakeholder input from elected officials, other staff from the Town of Kure Beach, Military Ocean Terminal Sunny Point (MOTSU) and the North Carolina Department of Transportation (NCDOT). The planning activity centered around a three-day charrette that was held in late fall 2021, which consisted of a site walk, an initial public meeting attended by approximately 100 citizens of Kure Beach, stakeholder meetings, and an additional public meeting discussing the findings of the consultant team. Afterwards, a public survey was made available online through January for additional public input and response to the preliminary recommendations identified during the charrette activity, which yielded 444 responses.

Ms. Lorenzo said that project study recommendations with cutsheet descriptions, renderings and cost estimates included the following:

- i. K Avenue Crossing Improvements
- ii. Short Island Greenway Connection
- iii. Island Greenway Extension to Town Hall (K Avenue)
- iv. Island Greenway Extension to Fort Fisher Boulevard
- v. Bicycle Lane Crossing Improvements (along Fort Fisher Boulevard)
- vi. Westside Sound Bike Route
- vii. Feasibility Study for Sidewalks (along Fort Fisher Boulevard)
- viii. Fort Fisher (US 421) Boulevard Crossing Improvements
- ix. Fort Fisher Boulevard Side Path
- x. Boardwalk Widening
- xi. NC State Bike Route 3

Ms. Lorenzo noted that the top three projects were the Island Greenway Extension to Town Hall, K Avenue Cross Improvements, and the Fort Fisher Boulevard Side Path from East Avenue to Fort Fisher. She noted that design guideline resources and potential funding resources for the town are included in the plan. She added that the Kure Beach Town Council adopted the plan at its May 21st meeting, and that the plan will be presented to the MPO Board for consideration at its next meeting.

4) Consent Agenda

- a. **Approval of TCC Meeting Minutes- May 11, 2022**
- b. **Resolution approving 2020-2029 STIP/MPO Amendments #22-3 and #22-4**
- c. **Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-5**
- d. **Resolution requesting Administrative Modifications to the 2020-2029 State/MPO Transportation Improvement Programs for Public Transportation Projects**
- e. **Resolution approving the Go Coast Committee's model policy for Telecommuting and Alternative Work Schedules**
- f. **Resolution supporting the Mobility for Everyone, Everywhere in North Carolina (MEE NC) grant application to the U.S. Department of Transportation's Rural Surface Transportation Grant Program (RURAL)**
- g. **Resolution approving the Scoring Criteria and Competitive Process for the Surface Transportation Block Grant-Direct Attributable, Transportation Alternatives Set-Aside Direct Attributable, and Carbon Reduction Programs**
- h. **Resolution adopting the Town of Kure Beach Bicycle and Pedestrian Plan**

Ms. Bunch made a motion to approve the Consent Agenda, Items 4a through 4h as presented, and to forward the items to the MPO Board for consideration. Ms. Barefoot seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Ashli Barefoot, Helen Bunch, Adrienne Cox, Granseur Dick, Patrick Flanagan, Jeremy Hardison, Adrienne Harrington, Mike Kozlosky, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Robert O'Quinn, Marie Parker, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.
Absent: Claudia Bray.

5) **Regular Agenda**

a. **Resolution requesting the North Carolina Department of Transportation Explore Extending Interstate 685 from Dunn to Wilmington in North Carolina**

Ms. Kozlosky said that an effort is underway in the central part of the state to designate US-421 between I-85 and I-95 as Interstate 685, which was included in the Infrastructure Bill that Congress signed as a "high priority" corridor. He noted that this will allow the Department of Transportation to request future interstate designation on this section of the highway through the Federal Highway Administration as well as the American Association of State Highway and Transportation Officials (AASHTO). He noted that US-421 extends from Dunn to Wilmington.

Mr. Kozlosky said that this future interstate proposal would connect larger population centers, enhance economic development opportunities, provide an important connection to the port, as well as improve access to Sunny Point, and provide an approved hurricane evacuation route. He added that the MPO has consulted with Division 3, which is in support of this request.

Mr. Vielkanowitz questioned the numbering convention. He noted that even numbered routes are typically loops. Mr. Kozlosky responded that if this item passes, the MPO would work with other RPOs and MPOs in the relevant area and submit the request to the Department.

In response to an inquiry by Ms. Ayers, Mr. Kozlosky said that the only information regarding the source of this request came from the NC Carolina Core. He noted that an effort was underway in the Piedmont region to provide a connection between I-85 and I-95. He commented that another interstate to Wilmington would be a positive thing.

Mr. Dick made a motion to request that NCDOT explore extending I-685. Mr. Kozlosky seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Ashli Barefoot, Helen Bunch, Adrienne Cox, Granseur Dick, Patrick Flanagan, Jeremy Hardison, Adrienne Harrington, Mike Kozlosky, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Robert O'Quinn, Marie Parker, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.
Absent: Claudia Bray.

6) **Discussion**

a. **2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-6**

Mr. Kozlosky said that this item is for information purposes only and will be brought back for consideration by the TCC at its next meeting.

b. **Initial Draft 2024-2033 State/MPO Transportation Improvement Program**

Ms. Cox said that the initial draft of the 2024-2033 State/MPO Transportation Improvement Program (STIP/MTIP) is also known as Prioritization 6.0 (P6.0). She gave an overview of the format changes and the prioritization status. She noted that costs of projects have increased significantly and the

previous STIP projects are overbudget by \$8 billion (previously by \$12 billion). She added that the \$3.8 billion from the Infrastructure Investment and Jobs Act (IIJA) helped reduce the overage and that an inflation factor has been added to cost estimates.

Ms. Cox said that Statewide Mobility projects in the southeast do not compete as strongly as more congested cities such as Raleigh and Charlotte. Although the southeast has projects in Statewide funding, it's a smaller percentage than across the state and some of those projects have fallen out of the STIP. She added that Region B is almost \$400 million over budget in programming, and Division 3 is \$77 million in programming.

Ms. Cox said that the Board of Transportation approved recommendations for process improvements, which came from the review of P6.0, to improve scoring projects, identifying information used for the scoring, and formatting for each iteration. She noted that the process for P7.0 will begin in the fall, and that the projects that drop out of P6.0 will end up in P7.0.

Ms. Cox explained that projects from P3.0, P4.0 and P5.0 that have run out of money and have fallen out of the STIP have become eligible for swapping. These projects are on a separate list and will be available to swap within individual buckets or 10% of the cost so as not to affect the overall budget for the entire program. She pointed out that 80% of projects are still funded, and that the remainder will need to be moved around or set up for P7.0.

Ms. Cox pointed out that the STIP is now available in Excel format that can be more easily sorted. She commented that the new format gives greater flexibility for reviewing priorities. She said that the swap requests will need to be submitted by September 30th. She noted that a revised draft will be provided in December, followed by a public involvement period, and the final document will be considered for adoption in 2023.

Mr. Kozlosky pointed out that thresholds and criteria exist for swapping projects. He noted that projects should be swapped within a region and have the cooperation and consensus of elected officials of the relevant jurisdictions. Ms. Cox explained that two projects of lesser priority might be swapped with one project of greater priority if the projects are of equal cost or within 10% of the cost. She requested that swaps be submitted in writing.

Mr. Kozlosky gave an overview of impacts to the MPO region resulting from the release of the initial draft of the 2024-2033 STIP. He noted that he sent out an updated presentation yesterday afternoon. As a result of the programming exercise, 11 projects became unfunded, nine moved to preliminary engineering (PE) only (no money in the STIP for construction, right-of-way, utilities), seven had schedule changes, and 17 remain unchanged.

Projects that are unfunded include the following:

- i. South Front Street Widening from the Cape Fear Memorial Bridge to Burnett Boulevard (request from NC State Ports to swap this project)
- ii. Improvements on College Road
- iii. Intersection Improvement on Greenville Loop, Greenville Avenue, and Oleander Drive
- iv. Additional Ferry
- v. Roundabout at Castle Hayne Road and 23 Street
- vi. Projects at Wilmington International Airport

Projects in PE only include the following:

- i. Flyover at the Isabella Holmes Bridge and US-421
- ii. Improvements to Carolina Beach Road between Burnett Boulevard and Shipyard Boulevard (request from NC State Ports to swap this project)
- iii. Intersection improvements to Carolina Beach Road and Shipyard Boulevard
- iv. Upgrades to Carolina Beach Road in the southern part of the county
- v. Improvements to College Road and Market Street
- vi. Taxiway at ILM

Projects with schedule changes include the following:

- i. Interchange at Kerr Avenue and MLK Boulevard, accelerated by two years to 2027
- ii. Kerr Avenue Extension between Peachtree and Oleander Drive, rescheduled for 2030 (may depend on the intersection of College Road and Oleander Drive)
- iii. Market Street Access Management, B Section (close to downtown), rescheduled ROW to 2027 with same construction schedule.
- iv. Independence Boulevard Extension, from Randall Parkway to the MLK Parkway, rescheduled ROW in 2027, construction in 2029
- v. Traffic Signal System, accelerated construction to 2030
- vi. Interchange at Eastwood and Military Cutoff Road, delayed one year for construction in 2026
- vii. Aviation, extension of runway, delayed of six years to 2028 (request by NCDOT Aviation Division and ILM to swap with AV-5885 rehabilitation project)

Mr. Kozlosky said that of the projects that are unchanged, many are either under construction, ready to begin construction or have construction scheduled to begin within the next few years. Projects with unchanged schedules include the Gordon Road Widening Project, the Interchange of Martin Luther King Jr. Boulevard and College Road, the next phase of the Hampstead Bypass (210 to the Wilmington Bypass), and the superstreet on US 17 between Washington Acres and Vista Drive.

Mr. Kozlosky reminded committee members that the MPO has until September 30th to submit project swaps and that the Department anticipates the release of the draft STIP in December with approval of the final STIP in the Summer of 2023. He asked that members bring ideas about swaps for discussion at the July and August meetings to approve swap submissions at the September meeting.

Following a brief question/answer and discussion period, Mr. Kozlosky pointed out that that he asked the Department to break out project costs for the Interchange at Martin Luther King Jr Boulevard, Eastwood Road and Market Street (U-5880) from the Market Street Access Management Project (U-4209C). He reminded committee members that the MPO Board adopted a list of its top-five funded projects list: Hampstead Bypass, Independence Boulevard Extension, Interchanges at Kerr Avenue and Martin Luther King Jr. Boulevard, Market Street, Eastwood Road and Martin Luther King Jr. Boulevard, Military Cutoff Road and Eastwood Road. During the development of the MPO's Legislative Agenda, the Board also included the Carolina Beach Road Access Management Improvements and the Widening of South Front Street.

7) Updates

a. Wilmington Urban Area MPO

Mr. Kozlosky said that the updates are in the agenda packet.

b. Cape Fear Public Transportation Authority

Ms. Parker reminded committee members that new bus service starts July 3rd with increased frequency of the 108, 201, and 205 bus routes. She noted that extended trolley service will be offered until 8:00 p.m. Regarding micro-transit, the Town of Carolina Beach will now have virtual stops at all public access points as well as direct access to the boardwalk. In addition, tomorrow is National Dump the Pump Day. She encouraged members to use public transportation or alternative transportation modes.

c. NCDOT Division

**8) NCDOT Transportation Planning Division
Announcements**

- a. Wilmington MPO Bike/Pedestrian Committee – August 9th**
- b. Next TCC meeting- July 13th**

9) Adjournment

There being no further business, Ms. Lorenzo made a motion to adjourn the meeting, seconded by Mr. Dick, and meeting was adjourned at 10:59 a.m. by roll call as follows:

Ayes: Stephanie Ayers, Ashli Barefoot, Helen Bunch, Adrienne Cox, Granseur Dick, Patrick Flanagan, Jeremy Hardison, Adrienne Harrington, Mike Kozlosky, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Robert O'Quinn, Marie Parker, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

Absent: Claudia Bray.

THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.
THE ENTIRE PROCEEDINGS ARE RECORDED DIGITALLY AS PART OF THIS RECORD.

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-5
(June 2022)

STATEWIDE PROJECT

STIP ADDITIONS			
TU-0014 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, NCSU (ITRE) WILL PROVIDE TECHNICAL ASSISTANCE TO THE INTEGRATED MOBILITY DIVISION AND SUBRECIPIENTS. <u>ADD FUNDING IN FY 23 AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	PLANNING FY 2023 - \$127,000 (L) FY 2023 - \$507,000 (5311) \$634,000
TU-0015 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, NCSU (ITRE) WILL USE THE FUNDS TO PROVIDE TRAINING/PROFESSIONAL DEVELOPMENT RELATED TO THE DELIVERY OF ADA TRAINING TO TRANSIT PROFESSIONALS. <u>ADD FUNDING IN FY 23 AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	PLANNING FY 2023 - \$73,000 (RTAP) \$73,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-5
(June 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
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STIP ADDITIONS				
* BL-0059 NEW HANOVER PROJ.CATEGORY 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. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$57,000 (BGDACV) FY 2023 - \$53,000 (BGDACV) FY 2024 - \$250,000 (BGDACV) FY 2024 - \$52,000 (L) \$412,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-6 (May 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* EB-5600 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATIONSHIPYARD BOULEVARD. CONSTRUCT MULTI-USE PATH. <u>AT THE REQUEST OF THE MPO, DELAY RIGHT-OF- WAY FROM FY 22 TO FY 24 AND CONSTRUCTION FROM FY 22 TO FY 24.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$120,000 (BGANY) FY 2022 - \$30,000 (L) FY 2024 - \$24,000 (BGANY) FY 2024 - \$6,000 (L) FY 2024 - \$590,000 (BGANY) FY 2024 - \$148,000 (L) \$918,000
* EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATIONNC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>AT THE REQUEST OF THE MUNICIPALITY, REMOVE RIGHT-OF-WAY PREVIOUSLY PROGRAMMED IN FY 22.</u>	CONSTRUCTION	FY 2022 - \$134,000 (BGDA) FY 2022 - \$33,000 (L) \$167,000
* EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATIONPATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>AT THE REQUEST OF THE MUNICIPALITY, REMOVE RIGHT-OF-WAY PREVIOUSLY PROGRAMMED IN FY 22.</u>	CONSTRUCTION	FY 2022 - \$94,000 (TADA) FY 2022 - \$24,000 (L) \$118,000
EB-6039 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATIONST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH. <u>TO MATCH SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$398,000 (BGDA) FY 2023 - \$100,000 (L) \$498,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-6 (May 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS			
TQ-6513 NEW HANOVER 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. <u>MODIFY FUNDING IN FY 23, 24 AT THE REQUEST OF THE MPO.</u>	OPERATIONS FY 2023 - \$85,000 (L) FY 2023 - \$85,000 (5310) FY 2024 - \$88,000 (L) FY 2024 - \$88,000 (5310) \$346,000
TQ-7005 NEW HANOVER PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY, PROJECT IS FOR ADMINISTRATIVE SUPPORT REQUIRED TO EFFECTIVELY MANAGE THE SECTION 5310 PROGRAM AND ANNUAL FUNDING ALLOCATION FROM FTA. <u>MODIFY FUNDING IN FY 23, 24 AT THE REQUEST OF THE MPO.</u>	ADMINISTRATIVE FY 2022 - \$28,000 (5310) FY 2023 - \$24,000 (5310) FY 2024 - \$25,000 (5310) \$77,000
TQ-8019 NEW HANOVER 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. <u>MODIFY FUNDING IN FY 23, 24 AT THE REQUEST OF THE MPO.</u>	CAPITAL FY 2023 - \$15,000 (L) FY 2023 - \$60,000 (5310) FY 2024 - \$15,000 (L) FY 2024 - \$60,000 (5310) \$150,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-6 (May 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

<div> <div>TQ-9001</div> <div>NEW HANOVER</div> <div>PROJ.CATEGORY</div> <div>PUBLIC TRANS</div> </div>	<div> <div>- WILMINGTON URBAN AREA</div> <div>METROPOLITAN PLANNING ORGANIZATION</div> </div>	<div> <div>CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY,</div> <div>PROJECTS FULFILL THE ALLOCATION FOR NON-</div> <div>TRADITIONAL TRANSPORTATION PROJECTS AS</div> <div>DEFINED IN THE GRANT. THE PROJECT SUPPORTS</div> <div>THE COMMUNITY GRANT OFFERING TO NON-PROFITS</div> <div>AND GOVERNMENTAL ORGANIZATIONS TO REMOVE</div> <div>TRANSPORTATION BARRIERS AND CONNECT ELDER</div> <div>AND INDIVIDUALS WITH DISABILITIES TO NEEDED</div> <div>RESOURCES.</div> <div><u>MODIFY FUNDING IN FY 23, 24 AT THE REQUEST OF</u></div> <div><u>THE MPO.</u></div> </div>	CAPITAL	<div> <div>FY 2022 -</div> <div>FY 2023 -</div> <div>FY 2023 -</div> <div>FY 2024 -</div> <div>FY 2024 -</div> <div>FY 2024 -</div> <div></div> </div>	<div> <div>\$88,000</div> <div>\$18,000</div> <div>\$73,000</div> <div>\$20,000</div> <div>\$79,000</div> <div>\$278,000</div> </div>	<div> <div>(5310)</div> <div>(L)</div> <div>(5310)</div> <div>(L)</div> <div>(5310)</div> </div>
<div> <div>U-6202</div> <div>NEW HANOVER</div> <div>PROJ.CATEGORY</div> <div>DIVISION</div> </div>	<div> <div>- WILMINGTON URBAN AREA</div> <div>METROPOLITAN PLANNING ORGANIZATION</div> </div>	<div> <div>SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO</div> <div>WIDEN ROADWAY.</div> <div><u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u></div> <div><u>THRESHOLDS.</u></div> </div>	BUILD NC ROW	<div> <div>FY 2022 -</div> <div>FY 2023 -</div> <div>FY 2024 -</div> <div>FY 2025 -</div> <div>FY 2026 -</div> <div>FY 2027 -</div> <div>FY 2028 -</div> <div>FY 2029 -</div> <div>AFTER FY 2029 -</div> <div>FY 2022 -</div> <div>FY 2023 -</div> <div>FY 2022 -</div> <div>FY 2023 -</div> <div>FY 2022 -</div> <div>FY 2023 -</div> <div>FY 2024 -</div> <div>FY 2025 -</div> <div>FY 2026 -</div> <div>FY 2027 -</div> <div></div> </div>	<div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$429,000</div> <div>\$3,003,000</div> <div>\$100,000</div> <div>\$6,300,000</div> <div>\$2,650,000</div> <div>\$2,650,000</div> <div>\$336,000</div> <div>\$12,768,000</div> <div>\$12,432,000</div> <div>\$8,064,000</div> <div>\$51,735,000</div> </div>	<div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> <div>(T)</div> </div>
			RIGHT-OF-WAY			
			UTILITIES			
			CONSTRUCTION			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #22-6 TO THE
2020-2029 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 2020-2029 State Transportation Improvement Program on September 5, 2019, and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #22-6.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #22-6.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 27, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-7 (June 2022)

STATEWIDE PROJECT

STIP MODIFICATIONS

* C-5702D STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	IMPLEMENTATION	FY 2022 - \$1,210,000 (CMAQ) FY 2022 - \$303,000 (L) FY 2023 - \$1,396,000 (CMAQ) FY 2023 - \$349,000 (L) \$3,258,000
* C-5702E STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	IMPLEMENTATION	FY 2022 - \$1,222,000 (CMAQ) FY 2022 - \$306,000 (L) FY 2023 - \$3,245,000 (CMAQ) FY 2023 - \$811,000 (L) \$5,584,000
TU-0011 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NC DOT, NCDOT-IMD SECTION 5304 PROGRAM FUNDS TO SUPPORT THE INTEGRATED MOBILITY DIVISION URBAN TRANSIT TECHNICAL ASSISTANCE ACTIVITIES. <u>MODIFY FUNDING IN FY 22 AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	PLANNING ADMINISTRATIVE	FY 2022 - \$227,000 (L) FY 2022 - \$1,134,000 (5303) FY 2023 - \$370,000 (5303) \$1,731,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-7
(June 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

U-5914 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATIONROAD). MODERNIZE ROADWAY.	NC 133, US 17/US 74/US 76 TO SR 1554 (OLD RIVER CONSTRUCTION	FY 2023 - \$24,000 (T) FY 2024 - \$2,210,000 (T) FY 2025 - \$194,000 (T) \$2,428,000
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>		

Statewide Mobility Tier										
STIP #	Facility/Project Name	Description	Cost	Funding Tier	Prioritization Round	Score	Current STIP		Draft STIP	
							R/U	Constr.	R/U	Constr.
AV-5886	ILM	Taxiway J Improvements	\$5.6 million	Statewide Mobility	P5.0 (Not Committed)	83.2	N/A	FY 27	Unfunded	
AV-5795	ILM	Expand the General Aviation Apron	\$1.3 million	Statewide Mobility	P5.0	74.79	N/A	FY 29	Unfunded	
AV-5799	ILM	Widen North-South Taxiway System	\$6.5 million	Statewide Mobility	P5.0 (Not Committed)	81.55	N/A	FY 27	Unfunded	
AV-5885	ILM	Rehabilitate Runway	\$7.5 million	Statewide Mobility	P5.0 (Not Committed)	87.48	N/A	FY 27	Unfunded	
AV-5796	ILM	Increase Width of all Taxiways	\$3.8 million	Statewide Mobility	P5.0 (Not Committed)	80.16	N/A	FY 26	Unfunded	
AV-5798	ILM	Taxiway Improvements	\$5.6 million	Statewide Mobility	P4.0	77.04	N/A	FY 28	PE Only	
U-5731	US 421/ Isabel Holmes Bridge	Construct Fly-Over Interchange	\$36.9 million	Statewide Mobility	P4.0	77.64	FY 24	FY 28	PE Only	
U-5729SW	US 421 (Carolina Beach Rd)	US 117 (Shipyard Blvd) Intersection Improvements	\$11.0 million	Statewide Mobility	P3.0	45.25	Ongoing	FY 29	PE Only	
U-5881	NC 132 (College Rd)	Upgrade Roadway from Gordon Rd to New Centre Dr	\$102.6 million	Statewide Mobility	P4.0	77.97	FY 29	Future Year	PE Only	
U-5702A	NC 132 (College Rd)	Access Management and Travel Time Improvements from New Centre Dr to US 117 (Shipyard Blvd)	\$36.5 million	Statewide Mobility	P4.0	78.96	FY 24	Future Year	PE Only	
U-5704	NC 132 (College Rd)	US 76 (Oleander Dr) Intersection Improvements	\$37.7 million	Statewide Mobility	P4.0	86.4	FY 29	Future Year	PE Only	
U-4902C	US 17 Business	North of US 117/NC 132 to Station Road Access Management	\$91.2 million	Statewide Mobility	P3.0	45.25	Ongoing	FY 29	PE Only	
AV-5730	ILM	Extend Runway 6-24 Ph. 1	\$5.0 million	Statewide Mobility	P3.0	46.15	N/A	FY 22	N/A	FY 28
U-5710	US 74 (Eastwood Road)	Convert at-grade intersection to interchange at Military Cutoff	\$66.4 million	Statewide Mobility	P3.0	58.84	FY 23	FY 25	FY 23	FY 26
U-5710A	Drysdale Dr Extension	Construct Route on New Location	\$7.5 million	Statewide Mobility	P3.0	58.84	Ongoing	FY 22	Unchanged	

	Becoming Unfunded or PE Only
	Remaining Funded

Regional Impact Tier										
STIP #	Facility/Project Name	Description	Cost	Funding Tier	Prioritization Round	Score	Current STIP		Draft STIP	
							R/U	Constr.	R/U	Constr.
F-5705	Southport-Ft Fisher	Construct River Class Ferry	\$14 million	Regional Impact	P5.0 (Not Committed)	82.22	N/A	FY 29	Unfunded	
U-5734	US 421 (South Front St)	Widen to Multi-Lanes from Cape Fear Memorial Bridge to Burnett Blvd	\$25.3 million	Regional Impact	P4.0	74.21	FY 29	Future Year	Unfunded	
U-5702B	NC 132 (College Rd)	Access Management and Travel Time Improvements from US 117 (Shipyard Blvd) to US 421 (Carolina Beach Rd)	\$56.6 million	Regional Impact	P5.0	76.52	FY 25	Future Year	Unfunded	
U-6128	US 76 (Oleander Dr)	Greenville Loop Rd and Greenville Avenue, Upgrade Intersection	\$9.3 million	Regional Impact	P5.0 (Not Committed)	74.84	FY 29	Future Year	Unfunded	
U-5954	NC 133 (Castle Hayne Rd)	Construct a roundabout at N 23rd Street	\$5.0 million	Regional Impact	P4.0	72.72	FY 25	FY 27	Unfunded	
U-5863	NC 133 (Castle Hayne Rd)	Widen to Multi-Lanes from I-140/US 17 (Wilmington Bypass) to SR 1310 (Division Drive)	\$36.2 million	Regional Impact	P4.0	69.3	FY 25	Future Year	Unfunded	
U-5729REG	US 421 (Carolina Beach Rd)	Upgrade Roadway from Burnett Blvd to US 117 (Shipyard Blvd)	\$43.9 million	Regional Impact	P3.0	69.83	Ongoing	FY 29	PE Only	
U-3338C	SR 1175 (Kerr Ave)	Interchange at MLK and Kerr	\$26.8 million	Regional Impact	P3.0	57.71	In Progress	FY 29	In Progress	FY 27
U-4902B	US 17 Business	Access Management Improvements	\$23.3 million	Regional Impact	P3.0	57.54	In Progress	FY 29	FY 27	FY 29
R-3300A	Hampstead Bypass	New Route on New Location (US 17 Bypass South of Hampstead to NC 210)	\$146.9 million	Regional Impact	P5.0	77.66	Ongoing	FY 27	Unchanged	
U-5732	US 17	Convert to Superstreet from SR 1582 (Washington Acres Rd) to Vista Ln	\$35.9 million	Regional Impact	P3.0	59.68	Ongoing	FY 29	Unchanged	
F-5707	Southport-Ft Fisher	Construct Mooring Facilities	\$5.0 million	Regional Impact	P5.0	73.89	N/A	FY 25	Unchanged	

	Becoming Unfunded or PE Only
	Remaining Funded

Division Needs Tier										
STIP #	Facility/Project Name	Description	Cost	Funding Tier	Prioritization Round	Score	Current STIP		Draft STIP	
							R/U	Constr.	R/U	Constr.
U-5790	US 421 (Carolina Beach Rd)	NC 132 (S College Rd) to Sanders Road; Widen and Construct Flyovers at US 421 (Carolina Beach Rd) and NC 132 (S College Rd)	\$33.0 million	Division Need	P3.0	58.74	FY 29	Future Year	PE Only	
U-6201	SR 1175 (Kerr Ave)	Construct Roadway on New Location	\$9.1 million	Division Need	P5.0	84.12	FY 28	Future Year	FY 28	FY 30
U-4434	SR 1209 (Independence Blvd Ext.)	Construct Roadway on New Location	\$193.1 million	Division Need	P4.0	85	FY 24	FY 28	FY 27	FY 29
U-6199	Wilmington Citywide Signal System	Upgrade Citywide Signal System	\$16.4 million	Division Need	P5.0	88.33	FY 28	Future Year	FY 28	FY 30
U-5914	NC 133 (from US 17/74/76 to Old River Rd)	Modernize Roadway	\$2.4 million	Division Need	P3.0	52.23	Ongoing	FY 22	Unchanged	
U-6202	Gordon Rd Widening	Widen Roadway	\$41.0 million	Division Need	P5.0	80.14	FY 22	FY 24	Unchanged	
U-5792	MLK at College Interchange	Convert At-grade Intersection to Interchange	\$47.8 million	Division Need	P3.0	56.53	FY 24	FY 26	Unchanged	
EB-5600	South 17th Street (Harbour Dr to Shipyard Blvd)	Construct Multi-use Path	\$0.9 million	Division Need	P3.0	82.7	N/A	FY 23	Unchanged	

	Becoming Unfunded or PE Only
	Remaining Funded



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MEMORANDUM

TO: TCC Members

FROM: Mike Kozlosky, Executive Director

DATE: July 7, 2022

SUBJECT: Initial Draft 2024-2033 STIP Project Swaps

The North Carolina Department of Transportation released the initial draft 2024-2033 State Transportation Improvement Program (STIP) on April 25, 2022. As part of the STIP development, the process being used for this STIP allows for project swaps as long as these swaps meet certain criteria. The swaps must be agreed to by NCDOT and MPO/RPO(s) and the cost of project(s) swapped in must be within 10% of cost of project(s) being swapped out. To simplify things, it is recommended by staff to swap within the same funding tier. All project swaps must be completed no later than September 30, 2022. The Department will then release a revised Draft 2024-2033 STIP in December with formal adoption in Spring/Summer 2023.

The MPO identified their Top 5 funded priorities in June 2020 and these priorities were re-affirmed with the adoption of the 2022-2026 Strategic Business Plan. These Top 5 funded priorities are as follows:

- Hampstead Bypass
- Military Cutoff Road/Eastwood Road Interchange
- Independence Boulevard Extension
- Martin Luther King Jr. Parkway/Kerr Avenue Interchange
- Martin Luther King Jr. Parkway/Market Street/Eastwood Road Interchange

With the adoption of the 2022 Legislative agenda and at the request of the NC State Ports, the South Front Street Widening (U-5734) and the Carolina Beach Road Access Management Improvements (U-5729) were added as priorities.

All of the Board's Top 5 funded priorities are funded in the initial draft STIP with the exception of the Martin Luther King Jr. Parkway/Market Street/Eastwood Road Interchange (U-5880). This project was combined with the Market Street Access Management Improvements (U-4902C) and

is currently funded for Preliminary Engineering (PE) only. The MPO requested the Department break out these two projects and the project details for both projects are below:

STIP #	Name	Description	Cost	Funding Tier	Prioritization Round	Score*
U-4902C	US 17 Business	North of US 117/NC 132 to Station Road Access Management	\$37.9million	Statewide Mobility	P3.0	45.25
U-5880	Market Street/MLK Parkway/Eastwood Road	Convert at-grade intersection to interchange	\$90.3 million	Statewide Mobility	P4.0	77.56

The Wilmington MPO has received a request from the North Carolina State Ports Authority to swap in the South Front Street Widening (U-5734) which is identified as unfunded and the Carolina Beach Road Access Management Improvements (U-5729).

STIP #	Name	Description	Cost	Funding Tier	Prioritization Round	Score*
U-5734	US 421 (South Front St)	Widen to Multi-Lanes from Cape Fear Memorial Bridge to Burnett Blvd	\$25.3 million	Regional Impact	P4.0	74.21
U-5729REG	US 421 (Carolina Beach Rd)	Upgrade Roadway from Burnett Blvd to US 117 (Shipyard Blvd)	\$43.9 million	Regional Impact	P3.0	69.83
U-5729SW	US 421 (Carolina Beach Rd)	US 117 (Shipyard Blvd) Intersection Improvements	\$11.0 million	Statewide Mobility	P3.0	45.25

The North Carolina Department of Transportation's Aviation Division along with support from Wilmington International Airport have requested that the runway rehabilitation (AV-5885) be swapped in for runway extension 6-24 Phase 1 (AV-5730).

STIP #	Name	Description	Cost	Funding Tier	Prioritization Round	Score*
AV-5885	ILM	Rehabilitate Runway	\$7.5 million	Statewide	P5.0 (Not Committed)	87.48
AV-5730	ILM	Extend Runway 6-24 Phase 1	\$5.0 million	Statewide	P3.0	46.15

Both MPO and NCDOT Division staff support the request to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730).

MPO staff has identified potential swap scenarios if there is an appetite from the Board. Please see attached scenarios A-E.

MPO staff seeks direction from the Technical Coordinating Committee (TCC) on any project swap recommendations to be presented to the MPO Board for consideration.

Scenario A

TIP #	Project	Description	Funding Tier	Prioritization Score	Prioritization Round	Total Cost	Draft Status	Proposed Status	Proposed Tier	Notes
U-4902B	US 17 Business (Market St.) Access Management Improvements	Access management improvements	Regional	57.54	P3.0	-\$23,300,000	Funded	Unfunded		
U-5732	US 17 Superstreet	Convert to superstreet from SR 1582 (Washington Acres Rd) to Vista Ln	Regional	59.68	P3.0	-\$35,900,000	Funded	Unfunded		
U-5792	MLK at College Interchange	Convert at-grade intersection to interchange	Division	56.53	P3.0	-\$47,800,000	Funded	PE Only		
U-6201	Kerr Ave Extension	Construct roadway on new location	Division	84.12	P5.0	-\$9,100,000	Funded	Unfunded		
U-5880	MLK/Eastwood at Market St Interchange	Convert at-grade intersection to interchange	Statewide	77.56	P4.0	\$90,300,000	Unfunded	Funded	Regional	Will require combination of Regional and Division tier funding.
U-5734	US 421/S. Front Street Widening	Widen to multi-lanes from CFMB to Burnett Blvd	Regional	74.21	P4.0	\$25,300,000	Unfunded	Funded	Regional	Within 10% of cost of U-4902B.

Division Total	-\$56,900,000
Regional Total	-\$59,200,000
Overall Total	-\$116,100,000
Less Projects	-\$500,000

Scenario B

TIP #	Project	Description	Funding Tier	Prioritization Score	Prioritization Round	Total Cost	Draft Status	Proposed Status	Proposed Tier	Notes
	US 17 Business (Market St.) Access Management Improvements	Access management improvements	Regional	57.54	P3.0	-\$23,300,000	Funded	Unfunded		
U-4902B										
U-6201	Kerr Ave Extension	Construct roadway on new location	Division	84.12	P5.0	-\$9,100,000	Funded	Unfunded		
U-5734	US 421/S. Front Street Widening	Widen to multi-lanes from CFMB to Burnett Blvd	Regional	74.21	P4.0	\$25,300,000	Unfunded	Funded	Regional	Within 10% of cost of U-4902B
U-6128	US 76/Oleander at Greenville Loop Intersection		Regional	74.84	P5.0	\$9,300,000	Unfunded	Funded	Division	Within 10% of cost of U-6201. Project to cascade to Division tier.

Division Total (Projects removed)	- \$9,100,000
Regional Total (Projects removed)	- \$23,300,000
Division Remaining (Projects added)	\$200,000
Regional Remaining (Projects added)	\$2,000,000

Scenario C

TIP #	Project	Description	Funding Tier	Prioritization Score	Prioritization Round	Total Cost	Draft Status	Proposed Status	Proposed Tier	Notes
	US 17 Business (Market St.) Access Management Improvements	Access management improvements	Regional	57.54	P3.0	-\$23,300,000	Funded	Unfunded		
U-4902B		Convert to superstreet from SR 1582 (Washington Acres Rd) to Vista Ln	Regional	59.68	P3.0	-\$35,900,000	Funded	Unfunded		
U-5732	US 17 Superstreet	Construct roadway on new location	Division	84.12	P5.0	-\$9,100,000	Funded	Unfunded		
U-6201	Kerr Ave Extension	Construct fly-over interchange	Statewide	77.64	P4.0	\$36,900,000	PE Only	Funded	Regional	Within 10% of cost of U-5732. Project will cascade to Regional tier funding.
U-5731	Isabel Holmes Bridge Fly-Overs	Widen to multi-lanes from CFMB to Burnett Blvd	Regional	74.21	P4.0	\$25,300,000	Unfunded	Funded	Regional	Within 10% of cost of U-4902B.
U-5734	US 421/S. Front Street Widening	US 76/Oleander at Greenville Loop Intersection	Regional	74.84	P5.0	\$9,300,000	Unfunded	Funded	Division	Within 10% of cost of U-6201.
U-6128										

Division Total (Projects removed)	- \$9,100,000
Regional Total (Projects removed)	- \$59,200,000
Division Remaining (Projects added)	\$200,000
Regional Remaining (Projects added)	\$3,000,000

Scenario D

TIP #	Project	Description	Funding Tier	Prioritization Score	Prioritization Round	Total Cost	Draft Status	Proposed Status	Proposed Tier	Notes
U-4902B	US 17 Business (Market St.) Access Management Improvements	Access management improvements	Regional	57.54	P3.0	-\$23,300,000	Funded	Unfunded		
U-5732		Convert to superstreet from SR 1582 (Washington Acres Rd) to Vista Ln	Regional	59.68	P3.0	-\$35,900,000	Funded	Unfunded		
U-6201	Kerr Ave Extension	Construct roadway on new location	Division	84.12	P5.0	-\$9,100,000	Funded	Unfunded		
U-5704	NC 132/College Rd at US 76/Oleander Dr	Intersection Improvements	Statewide	86.4	P4.0	\$37,700,000	PE Only	Funded	Regional	Within 10% of cost of U-5732. Project will cascade to Regional tier funding.
U-5734	US 421/S. Front Street Widening	Widen to multi-lanes from CFMB to Burnett Blvd	Regional	74.21	P4.0	\$25,300,000	Unfunded	Funded	Regional	Within 10% of cost of U-4902B.
U-6128	US 76/Oleander at Greenville Loop Intersection	Upgrade Intersection	Regional	74.84	P5.0	\$9,300,000	Unfunded	Funded	Division	Within 10% of cost of U-6201.

Division Total (Projects removed)	-	\$9,100,000
Regional Total (Projects removed)	-	\$59,200,000
Division Remaining (Projects added)		\$200,000
Regional Remaining (Projects added)		\$3,800,000

Scenario E

TIP #	Project	Description	Funding Tier	Prioritization Score	Prioritization Round	Total Cost	Draft Status	Proposed Status	Proposed Tier	Notes
U-4902B	US 17 Business (Market St.) Access Management Improvements	Access management improvements	Regional	57.54	P3.0	-\$23,300,000	Funded	Unfunded		
		Convert to superstreet from SR 1582 (Washington Acres Rd) to Vista Ln	Regional	59.68	P3.0	-\$35,900,000	Funded	Unfunded		
U-5732	US 17 Superstreet	Convert at-grade intersection to interchange	Division	56.53	P3.0	-\$47,800,000	Funded	PE Only		
U-6201	Kerr Ave Extension	Construct roadway on new location	Division	84.12	P5.0	-\$9,100,000	Funded	Unfunded		
U-4902C/U-5880	MLK/Eastwood at Market St Interchange	Convert at-grade intersection to interchange	Statewide	77.56	P4.0	\$91,200,000	Unfunded	Funded	Regional	Will require combination of Regional and Division tier funding.
U-5734	US 421/S. Front Street Widening	Widen to multi-lanes from CFMB to Burnett Blvd	Regional	74.21	P4.0	\$25,300,000	Unfunded	Funded	Regional	Within 10% of cost of U-4902B.

Division Total (Projects removed)	-\$56,900,000
Regional Total (Projects removed)	-\$59,200,000
Division Remaining (Projects added)	-\$1,600,000
Regional Remaining (Projects added)	\$2,000,000



Cape Fear Memorial Bridge Replacement

Overview for NCDOT to Evaluate Project Delivery Options

Overview

The Cape Fear Memorial Bridge opened to traffic in Wilmington, North Carolina on October 1, 1969. Now over 50 years later, the bridge is considered to be near the end of its lifespan and insufficient to carry increasing traffic volumes. Annual maintenance costs continue to increase and replacement parts are becoming increasingly difficult to obtain; however, the proposed Cape Fear Memorial Bridge Replacement (the “Project” or the “Bridge”) is not currently in the State Transportation Improvement Program (STIP) and does not have any state funding allotted to it.

On February 23, 2022, the Wilmington Urban Area Metropolitan Planning Organization (WMPO) Board passed a resolution urging “consideration of all possible options including tolls and previous proposals to fund a replacement for the Cape Fear Memorial Bridge.” Per the request of the WMPO, NCDOT will evaluate options for delivering the Project using a three-pronged approach.

Three-Pronged Approach

Traditional Delivery

A traditional design build or design bid build delivery will require the Project to be evaluated and scored through the next round of NCDOT’s STIP prioritization. NCDOT updates the STIP approximately every two years to ensure it accurately reflects the department’s current financial situation. As part of the traditional delivery analysis, the Department will update the feasibility study, including cost estimates, and provide an indication of where the Project is likely to score in the next round of prioritization. NCDOT will also evaluate the various discretionary grant programs offered by USDOT as well as relevant provisions within the Infrastructure Investment and Jobs Act (IIJA) that was signed into law in November 2021 to determine the feasibility of any such programs and how they may change the funding analysis.

Conventional Toll Delivery

A conventional toll delivery will require the Project to be evaluated per NCDOT’s Toll Project Development Policy (NC Toll Policy) which was implemented in early 2018 to improve the Department’s ability to manage a reliable transportation network, address congestion, leverage limited financial resources, and provide more user choice. Per the guidelines set forth in the Toll Project Feasibility Handbook, there are multiple inputs to the financial feasibility tool that will need to be evaluated. The inputs include, but are not limited to, general project information, traffic characteristics, toll pricing, and project costs. Using traffic and revenue inputs, along with cost information, the financial feasibility tool calculates the ability of a potential toll facility to generate revenue to cover its own costs of operation and assess its ability to fund all or a portion of the capital costs through toll financing.

Alternative Delivery

NCDOT will issue a Request for Information (RFI) to solicit innovative solutions to deliver the Project. Innovative solutions may include, but are not limited to, buildability concepts and financial alternatives. Proposals will be screened for viability, including technical, environmental, engineering, legal, and financial considerations; screening analysis will be presented to the WMPO for consideration.

Not Under Consideration

NCDOT will only evaluate options that are within the Department’s purview and statutory authority, as such the Department will not pursue options such as the following:

- Requests to the N.C. General Assembly for special assistance such as a STIP exemption or special appropriation
- Solicitation of local participation; while the Department encourages local participation, local funds will not be included in any analysis unless specifically identified and requested by the WMPO

WILMINGTON URBAN AREA
MPO
July 2022

WALK WILMINGTON COMPREHENSIVE PEDESTRIAN PLAN UPDATE

Project Description/Scope: The City of Wilmington, in recognizing the desire of its citizens for a more walkable, livable community, applied for and received an NCDOT Planning Grant in 2021 to update the 2009 Walk Wilmington Comprehensive Pedestrian Plan. A Steering Committee, comprised of local stakeholders, citizens, and city staff, has been assembled to work with the consultant, Alta, to guide the development of the plan's update. The Steering Committee held its first meeting on Monday, March 28th. During the meeting, Steering Committee members discussed their visions for the future of walking in the City; reviewed the successes of the current plan and opportunities to build upon; and began identification of where improvements will be most critical in the future. Alta completed a draft existing conditions analysis and an infrastructure safety analysis. The infrastructure safety analysis was presented to and discussed by the Steering Committee during its May 26th meeting, as well as a strategy for public engagement. A comprehensive public engagement period that includes both a survey and input map application began June 15 and will continue until July 27. Ongoing during the outreach process are several in-person survey opportunities targeted to gather input from traditionally underserved communities.

Project Status and Next Steps:

- Development of project and policy recommendations and review by Steering Committee planned for summer late 2022.
- Draft plan anticipated for release in fall 2022.
- Final plan presentation to City Council in December 2022.

NAVASSA COLLECTOR STREET PLAN

Project Description/Scope: In October, the Town of Navassa, the WMPO, and AECOM kicked off the development of the Navassa Collector Street Plan. Development of the plan, which will replace the 2004 Town of Navassa Collector Street Plan, is scheduled to last approximately eight months. The plan is funded as a special study in the WMPO's adopted FY 22 UPWP. The new collector street plan will serve as a tool for the Town to guide both public and private investments in shaping the transportation network as the Town continues to grow. The plan will provide a comprehensive network of streets to safely and efficiently access major roads and thoroughfares, outline collector street design recommendations, and identify opportunities for multimodal connectivity, preparing the Town to serve future developments while preserving its existing neighborhoods. The proposed collector street network will complement the Town's future park and trail network as well as the Comprehensive Bicycle and Pedestrian Plan currently in development. Plan development is being guided by a Steering Committee and incorporates public input received via a public survey and both in-person and virtual public meetings.

Project Status and Next Steps:

- Draft plan (including implementation plan) was provided by AECOM on April 29th
- Revised draft plan was provided by AECOM on June 4th
- Final Steering Committee Meeting was held on June 23rd to review the revised draft plan
- Presentation to Navassa Town Council in July 2022
- Presentation to WMPO Board in August 2022

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: 14 reviews
- New Hanover County Informal Plan Reviews: 1 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 12 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Plan Reviews: 0 review
- Town of Navassa Informal Reviews: 0 review
- Town of Navassa Concept Reviews: 0 review
- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 2 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Development Plan Formal Reviews: 6 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- TIA Reviews: 36 total active (34 under review; 2 approved; 0 new): New Hanover County 11 (0 new, 11 under review), City of Wilmington 10, (0 new, 10 under review), Carolina Beach 0, Town of Belville 0, Town of Leland 6, (0 new, 5 under review, 1 approved), Town of Navassa 1, (1 under review), Pender County 6 (0 new, 5 under review, 1 approved) and Brunswick County 2, (0 new, 2 under review)
- City of Wilmington Formal Reviews: 42 reviews (10 new, 32 on-going)
- City of Wilmington Informal Reviews: 17 reviews (4 new, 13 on-going)
- City of Wilmington Concept Reviews: 0 reviews
- City of Wilmington Full Releases: 6

**STBGP-DA/TASA-DA FY 2013 to
Present**

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 – December 2022
- Begin Construction – May 2023
- Construction Complete- January 2024

U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II

Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue.

Project Status and Next Steps:

- Began Construction – July 2021
- Project was substantially completed in January 2022.
- Official ribbon cutting occurred on 01/25. Project closeout is underway.
- Complete Project Closeout – Summer 2022

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

Project Descriptions/Scope: The project consist 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 –December 2022
- Begin Construction –May 2023
- Construction Complete- January 2024
- City is currently requesting approval from NCDOT for final design elements and right of way authorization

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 –December 2022
- Begin Construction –May 2023
- Construction Complete- January 2024
- City is currently requesting approval from NCDOT for final design elements and right of way authorization

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
- Project on hold pending resolution of contracting issues with the consultant
- Contractor is expected to return last two-weeks in May 2022 to finish
- Project completion extended to June 30, 2022
- On hold pending negotiation of pay items and scheduling with the Contractor
- Final completion date to be determined

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
- Project on hold pending resolution of contracting issues with the consultant
- Contractor is expected to return last two-weeks in May 2022 to finish
- Project completion extended to June 30, 2022
- On hold pending negotiation of pay items and scheduling with the Contractor
- Final completion date to be determined

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
- Project on hold pending resolution of contracting issues with the consultant
- Contractor is expected to return last two-weeks in May 2022 to finish
- Project completion extended to June 30, 2022
- On hold pending negotiation of pay items and scheduling with the Contractor
- Final completion date to be determined

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:

- Final Approval on PS&E from NCDOT February 28, 2022
- Bid advertised on March 3, 2022 with May 3, 2022 opening date, pre-bid meeting held on March 5, 2022
- One bid submitted on May 3, 2022.
- Re-Bid opening on May 10, 2022 only received one bid. Staff did not recommend award due to budget constraints
- Submitted a Resolution to Council to Reject Bids approved by City Council on June 21st
- Readvertise with EB-6028 and possible another City project in August or September 2022

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

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:

- The Town entered into a contract with Withers & Ravenel
- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- Anticipated RFLI early July 2022
- Project plans for October 2022 LET

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
- Project design team working thru submittals and proposed construction schedule

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: execution 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 February 2023.

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

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

Project Status and Next Steps:

- NCDOT funding availability reopened January 25, 2021
- Town Council elected to move forward with the project
- Agreement executed with NCDOT on August 18, 2021
- Design discussions held with 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 scheduled to present 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 RFLI to NCDOT requalified engineering firms with

a response deadline of June 8, 2022

- Responses to RFLOI under review by WMPO/Town of Carolina Beach

TASA-DA

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:

- The Town entered into a contract with Withers & Ravenel
- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- Anticipated RFLOI early July 2022
- Project plans for October 2022 LET

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

Project Description: Design only of the Middle Sound Greenway connection from Red Cedar to Ogden Park

Project Status and Next Steps:

- ROW acquisition continuing
- NCDOT issued notice of Construction Authorization on April 12, 2022.
- Comments received from CFPUA indicate conflicts with utilities will require design adjustments
- Additional field investigations and design review to take place in early-to-mid July 2022.

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 project plans
- Preparation of bid documents is underway

EB-6029 – TOWN OF CAROLINA BEACH – CLARENDON AVENUE MULTI-USE PATH

Project Description: Construction of the Clarendon Avenue multi-use path from 4th Street to Dow Road

Project Status and Next Steps:

- The Town is evaluating the scope for the project.
- Design modifications requested to include five-foot sidewalk and on street pavement markings in lieu of multi-use path

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. Bike Share

The WMPO Board approved the release of a new Request for Proposal (RFP) to bring a bike share program to the Wilmington area. The RFP closed on April 11, 2022, and a bike share selection committee was assembled to review and score proposals. The committee voted to reject all proposals and re-advertise the RFP to solicit more options. After internal discussion, WMPO staff elected to pause the process while staff holds discussions with member jurisdictions to determine the best route forward.

2. New Hanover County's ¼ Cent Sales Tax for Transit

Go Coast is utilizing its social media presence to assist in educating the public about New Hanover County's ¼ cent sales tax for transit referendum that will be on the ballot for all county residents to decide on in November 2022.

3. City of Wilmington Trail Etiquette Video Update

Go Coast has been assisting City of Wilmington Parks staff in an update to its 2013 Trail Etiquette video.

4. Brunswick Heritage Riverside Ride

Go Coast has been working with local staff in Navassa, Leland, Belville, and Brunswick County to begin preparation for the second annual Brunswick Heritage Riverside Ride. The ride is tentatively set for September 24, 2022. A coordination meeting will be held in mid-July to finalize the date.

5. TDM Coordinator Position

WMPO staff is currently advertising for an associate planner to assume the roles and responsibilities of the TDM program's coordination. The position will remain open until a qualified candidate is hired.

6. Go Coast Meeting

Staff will reach out to committee members in July to determine the next meeting date.



Cape Fear Public Transportation Authority

Project Updates

July 2022

1. Service Enhancements Scheduled for July 2022

In February 2022, the Wave Transit Board of Directors voted unanimously to adopt a proposal to expand the existing network, as well as to invest in more frequent service. The approved service enhancements will be implemented on Sunday, July 3, 2022. Funding for these enhancements is due to the additional \$108 billion authorized for public transportation under the Bipartisan Infrastructure Law. The new law increases Wave Transit's federal formula funding by approximately \$700,000 each year over the next five years. In addition to the Board approved 30% increase in service frequencies, the July changes will yield:

- A retention of the current urban core network with additional peripheral improvements
- Reallocation of resources for Routes 207 North and 301 Pleasure Island and the service replacement of these areas with RideMicro, an on-demand microtransit service model
- Introduction of 30-minute frequencies on Routes 108-Market St, Route 201-Carolina Beach Rd, and Route 205-Long Leaf Park
- Increased reliability for Route 107-College Rd by providing consistent 60-minute frequency
- A revision of Route 104 Northeast to provide streamlined and new service along a previously unserved stretch of Market St. RideMICRO will complement this revision as well.
- A seasonal trolley schedule, which will provide a relocation of service hours to the most productive services.

Customers and members can find updated schedules at the Authority's website, at the two main transfer stations, on vehicles, or through the main office at (910) 343-0106.

2. Wilmington Regional Microtransit Pilot Project – RideMICRO

The Authority entered into a regional agreement in May of 2021, to provide on-demand, microtransit services within, and between, Brunswick County, New Hanover County, and Pender County. The revised service offering provides more efficient and cost-effective public transportation to locations under- or un-served by public transportation. The alternative mobility option will result in decreased wait times for customers, affordable fare, which are equal to existing fixed route fares, and finally, the availability of smartphone app technology for trip reservations and fare payment.

NCDOT's ConCPT and community grants fully funded the service at 100%. This is a pilot project, with options to extend pending availability of grant funds. The FY2023 application for a second year of support was submitted and approved by NCDOT.

October 2021 marked the official launch of the program beginning with service to **Zone 1 Northern Brunswick/Downtown Wilmington** and **Zone 2 Pender/Northeastern New Hanover County**. Service to **Zone 3 Southern New Hanover/Pleasure Island** was implemented December 2021. Service to the fourth zone, **Zone 4 Northern New Hanover County** launched April 2022. The combined zones contain thousands of virtual stop

locations to serve the public. Please consult the following link to view virtual stops within each active zone: <https://www.wavetransit.com/how-to-ride-microtransit/>.

Zones 1 and 1 operate Monday through Friday, between 6:30 AM and 10 AM and again from 12 PM through 7:00 PM. Zones 4 and 4 operate seven days a week. Hours for Zones 3 and 4 are weekdays from 6:00 AM through 8:00 PM, Saturdays from 8:00 AM through 6:00 PM, and Sundays from 9:00 AM through 5:00 PM.

WMPO PROJECTS IN DEVELOPMENT					
Project Manager	Contract Type	TIP	Description	County	SAP LET Date
Rail Division	Rail	P-5740A	Wilmington Rail Rehabilitation, Curve Realignment and Upgrade Rail Bridges	New Hanover	6/30/2022
Rail Division	Rail	P-5740C	CSX SE Line Installation of Railroad Grade Crossing Signals and Gates at Various At-Grade Crossings	New Hanover	6/1/2022
Eric Murray	DPOC	U-5914	Widen NC 133 from US 17/74/76 to Old River Road	Brunswick	6/2/2022
Derek Pielech	DPOC	BP3-R004	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayetteville Road) (Previously 17BP.3.R.84)	Brunswick	6/23/2022
David Leonard	DPOC	W-5703E	US 117/NC 132 (College Road) sidewalk between Randall Pkwy and N of University Drive	New Hanover	8/4/2022
Eric Murray	DPOC	W-5601DH	3rd Street and Dock Street Intersection	New Hanover	10/21/2022
Trace Howell	DPOC	W-5703R	NC 132 (South Colle Road) and Braggs Drive offset lefts	New Hanover	9/15/2022
David Leonard	DPOC	W-5803B	Install Rumble Strips on US 17 Between New Hanover/Pender County Line and Mile Post 19.30 in O	Pender & Onslow	10/31/2022
Eric Murray	DPOC	W-5703C	Monkey Junction Pedestrian Improvements	New Hanover	11/17/2022
David Leonard	DPOC	W-5803A	Upgrade Pedestrian & Traffic Signals and Revise Median Islands at US 74 (Eastwood Road) at US 17	New Hanover	1/31/2023
Rail Division	Rail	P-5740B	CSX SE Line Improvements to Hwy Grade Xings, Close & Impove Various Exisit. At-Grade Crossings	New Hanover	4/28/2023
Lydia	DDRL	I-6039	1-40 Pavement rehab from Milemarker 420 to NC 210	New Hanover & Pender	6/20/2023
Krista Kimmel	DDRL	U-5926	New Route from 23rd St to 26th St	New Hanover	00/00/2024
Brian Harding	DDRL	U-6202	Widen Gordon Road to 4 lanes from US 17 Market St to I-40	New Hanover	6/18/2024
Lydia	DPOC	I-6036	I-140 - US 17 to North of US 74 pavement rehab	Brunswick	9/19/2023
Derek Pielech	DPOC	17BP.3.R.93 BP3-R012	Replace Bridge 208 over Sturgeon Creek on SR 1472 (Village Road) in Brunswick County	Brunswick	7/3/2025
Derek Pielech	DPOC	B-5653	Pender 14 on NC 133 over Turkey Creek	Pender	1/28/2026
Lydia	DDRL	I-6037	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover	2/15/2028
Mike Bass	DDRL	U-5710	US 74 (Eastwood Road) at US 17 (Military Cutoff Rd)	New Hanover	9/16/2025
Trace Howell	DDRL	U-5792	MLK at College	New Hanover	6/16/2026
Trace Howell	DDRL	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Road to NC 210)	New Hanover & Pender	9/15/2026
Brian Harding	DDRL	U-5954	NC 133 at 23rd Street Roundabout	New Hanover	6/15/2027
Derek Pielech	Raleigh	BR-0008	Replace Bridge 7 on US 17 over US 76	Brunswick	9/21/2027
Lydia	DPOC	I-6037	I-140 From US 421 to I-40. Pavment & Bridge Rehabilitation	New Hanover	2/15/2028
Brian Harding	DDRL	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	5/16/2028
Krista Kimmel	DDRL	U-4434	Independence Boulevard Extension	New Hanover	6/20/2028
Brian Harding	DDRL	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	7/18/2028
Trace Howell	DDRL	U-5731	Hampstead Median: US 17 from SR 1582 (Washington Acres Road) to Vista Lane	Pender	5/16/2028
Lydia	DPOC	I-6038	I-140 from US 421 to US74/76. Pavement Rehabilitation	Brunswick	11/16/2028
Krista Kimmel	DDRL	U-3338C	Kerr Ave Interchange at MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	U-4902B	US 17 Business - Market St Median Railroad to MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	U-4902C	US 17 Business - Market St Median & Interchange	New Hanover	6/19/2029
Trace Howell	DDRL	U-5702B	College Road Access Management Improvement from Carolina Beach Road to Shipyard Blvd	New Hanover	1/15/2030

PE Work Continuing	
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Update provided: 5/03/22

PO: WMPO

Contact: Adrienne Cox, amcox1@ncdot.gov, 910.341.2001

WMPO PROJECTS UNDER CONSTRUCTION						
Contract Number	Resident	TIP/WBS/Work Order	County	Description	Estimated Completion	Percent Complete
DC00316	Alex Stewart	W-5601DH	New Hanover	3rd (US 17 Business) and Dock St	9/13/2022	33.00%
DC00249	Alex Stewart	B-4590	New Hanover	Bridge 29 over Smith Creek	10/2/2023	42.00%
DC00309	Daniel Jones	49404	New Hanover	ILM Landscape Improvement - Available August 1	12/1/2022	89.07%
DC00300	Daniel Jones	R-2633BA(L)	Brunswick	Navassa Landscape Enhancement	12/15/2022	98.77%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Road Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	3/23/2023	72.61%
C204331	Alex Stewart	15BPR.19	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	8/17/2022	14.26%
TBD	Alex Stewart	15BPR.26	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	9/17/2023	55.86%
DC00331	Lydia McKeel	44913	Brunswick, Duplin, New Hanover, Onslow, Pender and Sampson	Division Wide ADA Curb Ramp Updates	12/31/2022	18.51%
	Alex Stewart		Brunswick	NC 211 from SR 1500 (Midway Road) to NC 87 Grading, Drainage, Paving, Signals & Structures		
C204553	Daniel Waugh	40237	Pender	NC 417 (Hampstead Bypass) from South of NC 210 to North of SR 1563 (Sloop Point Road)	3/14/2027	5.91%
C204623	Alex Stewart		Brunswick	Replace Bridge 65 on NC 87 Over Hood Creek	3/14/2023	0.00%
C204301	Alex Stewart		New Hanover	New Hanover 48 on I-40E & I-40 W/NE Substructure Repairs	11/15/2022	0.00%
C204629	Alex Stewart		Brunswick	Replace Bridge 57 on NC 211 Over Juniper Creek	12/1/2023	0.00%

WMPO RESURFACING PROJECTS						
Contract Number	Contract Year	County	Routes		Estimated Completion Date	Percent Complete
DC00311	2022	New Hanover	Market Street, 3rd Street, Independence Blvd, and patching on 16th & 17th Streets		9/29/2023	0.00%
DC00318	2021	Pender	Pender County Resurfacing		3/13/2023	88.40%
C204409	2021	Brunswick	1 Section of US-17, US-74/76, And NC-130; and 11 Sections of Secondary Roads		10/1/2022	47.37%
DC00304	2021	Brunswick	US 17, NC 904 & Various Secondary Roads		6/30/2022	48.05%
DC00302	2021	New Hanover	New Hanover County Resurfacing		6/30/2022	88.93%
DC00294	2021	New Hanover	New Hanover County Resurfacing		9/30/2022	53.43%
DC00325	2022	Brunswick	Brunswick Resurfacing B (3/16/2022 Availability Date)		4/14/2023	34.60%
DC00327	2022	New Hanover	New Hanover County Resurfacing (1/06/2022 Availability Date)		4/28/2023	0.00%
DC00330	2022	Sampson	Sampson County Resurfacing and Preservation (7/06/2022 Availability Date)		6/9/2023	0.00%



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

July 2022

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JULY TPD UPDATES WILMINGTON MPO

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Brunswick County Model: The Brunswick County Model was completed in February of last year.

Brunswick County Comprehensive Transportation Plan (CTP): The Brunswick County CTP went through Peer Review, Management Review and Steering Committee Review. The county has experienced many changes to their land use and transportation network recently. This has led the county to re-evaluate the area and scope of the CTP. While the updated scope is being worked out, TPD will wait and pause the CTP. Once the county is ready to start the efforts back up again, TPD will reach out to the CTP Steering Committee and continue with the next steps.

Wilmington Model: The 2050 Travel Demand Model work started on 3/1/2022. The TDM is being developed for the next Wilmington MTP. Currently the TPD engineer and modeler are in the data collection phase. TPD has asked the MPO for employment data verification which is due end of August. The next MTP is due end of 2025, and that is also when the TDM will also be adopted by the MPO Board.

Helpful Links:

Click on links below to learn more:

- NCDOT home page—[ncdot.gov](https://www.ncdot.gov)
- Real-Time Traffic—[DriveNC.gov | North Carolina Traffic & Travel Information](https://www.drive.nc.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)

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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 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)
- [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)