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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:** November 22, 2022  
**SUBJECT:** November 30<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Board will be held on Wednesday, November 30, 2022, at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street downtown Wilmington. Members of the public, MPO Board Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. MPO Board member attendance will be subject to the adopted Remote Participation Policy. The meeting will be streamed live online so that simultaneous live audio, and video, if any, of the meeting is available at the following URL:

<https://us06web.zoom.us/j/83969107282?pwd=QnIxYWpHNXhlMHlyek5JQXhHbDh1Zz09>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in number: 646 558 8656 or 301 715 8592. And when prompted, enter:

Meeting ID: 839 6910 7282

Passcode: 920663

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

Persons wishing to submit a public comment to be shared during the MPO Board meeting may do so by 5 pm on November 29, 2022, by calling (910) 341-3258 to leave a message or by e-mailing comments to [wmpo@wilmingtonnc.gov](mailto:wmpo@wilmingtonnc.gov). The public voicemails will be played aloud and the public comment e-mails will be read aloud by a staff member during the meeting. Per the adopted Public Participation Plan, public comments shall be limited to 3 minutes.

- 6) Presentations
  - a. North Carolina State Ports Authority Update- Stephanie Ayers, NCSA

**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. Wilmington Rail Re-alignment Project Update- Aubrey Parsley, City of Wilmington
  - c. Recognition of outgoing Chairman David Piepmeyer- Vice Chairman Hank Miller
- 7) Consent Agenda
- a. Approval of Board Meeting Minutes from October 26, 2022 (p.4-14)
  - b. Opening of the 30-day public comment period for 2020-2029 STIP/MPO Amendment #22-7 (p. 15-17)
  - c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10(p. 18-20)
  - d. Resolution adopting the 2023 Meeting Calendar (p. 21-22)
  - e. Resolution supporting the endorsement of Safety Target Performance Measures for 2023 (p. 23-28)
  - f. Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program (p. 29-32)
  - g. Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program (p. 30, 33)
- 8) Regular Agenda
- a. Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization's Transportation Improvement Program and requesting the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs (p. 34-35)
- 9) Discussion
- a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11 (p. 36)
  - b. Military Cutoff Road/Eastwood Road Interchange (p. 37-38)
  - c. 2022-2026 MPO Strategic Plan 2022 Accomplishments (p. 39)
- 10) Updates
- a. Wilmington Urban Area MPO (p. 40-48)
  - b. Cape Fear Public Transportation Authority (p. 49)
  - c. NCDOT Division (p. 50-52)
  - d. NCDOT Transportation Planning Division (p. 53-54)
- 11) Announcements
- a. Direct Attributable (DA) Training- December 6<sup>th</sup>
  - b. Wilmington Urban Area MPO Federal Certification Review- December 8<sup>th</sup>
  - c. Wilmington MPO Bike/Pedestrian Committee- December 13<sup>th</sup>
- 12) Next meeting – January 25, 2023 (tentative)

#### **Attachments**

- Board Meeting Minutes- October 26, 2022
- Proposed 2020-2029 STIP/MPO Amendment #22-7
- Proposed 2020-2029 STIP/MPO Administrative Modification #22-10
- Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10
- Proposed 2023 Meeting Schedule
- Resolution adopting the 2023 Meeting Calendar
- NCDOT Safety Performance Measures Memorandum
- Resolution supporting the endorsement of Safety Target Performance Measures for 2023
- Revised Draft 2024-2033 STIP Potential Project Swaps Memorandum
- Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program
- Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program
- Resolution from the Town of Carolina Beach regarding the Clarendon Avenue Multi-use Path Project
- Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization's Transportation Improvement Program and requesting the North Carolina Department of Transportation

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remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs

- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11
- Military Cutoff Road/Eastwood Road Interchange Memorandum
- E-mail from NCDOT regarding the traffic analysis at Military Cutoff Road/Eastwood Road
- 2022-2026 MPO Strategic Plan 2022 Accomplishments Matrix
- Wilmington Urban Area MPO Update (November)
- Cape Fear Public Transportation Authority Update (November)
- NCDOT Division Project Update (November)
- NCDOT Transportation Planning Division Project Update (November)



## WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

### MPO Board Meeting Minutes 6<sup>th</sup> Floor Training Conference Room, 320 Chestnut Street, Wilmington, N.C. Wednesday, October 26, 2022

#### **Members Present (in-person)**

Mike Allen, Town of Belville  
Brenda Bozeman, Town of Leland  
Deb LeCompte, Town of Carolina Beach  
David Piepmeyer, Chairman, Pender County  
Luke Waddell, City of Wilmington  
Frank Williams, Brunswick County  
Eulis Willis, Town of Navassa

#### **Members Present (remotely)**

Jonathan Barfield, Jr., New Hanover County  
John Ellen, Town of Kure Beach  
Deb Hays, Cape Fear Public Transportation Authority  
Hank Miller, Vice Chair, Town of Wrightsville Beach

#### **Others Present (in-person)**

Stephanie Ayers, NC State Ports Authority  
Carolyn Caggia, WMPO  
Bob Campbell, Wilmington International Airport  
Adrienne Cox, NCDOT  
Scott A. James, WMPO  
Chad Kimes, NCDOT

Mike Kozlosky, WMPO  
Abby Lorenzo, WMPO  
Denis McGarry  
Catherine Peele, NCDOT  
Rebekah Roth, New Hanover County  
Greer Shivers, WMPO  
Emma Stogner, WMPO

#### **Others Present (remotely)**

J Brandt  
Veronica Carter, Town of Leland  
Mike Forte, Brunswick County  
Regina Hopkins, WMPO  
Jamar Johnson, WMPO  
Nazia Sarder, NCDOT  
Rachel LaCoe, New Hanover County  
Rachel McIntyre, WMPO  
Marie Parker, Wave Transit  
Amy Passaretti, Port City Daily  
Joanna Rocco  
Rodger

#### **1. Call to Order**

Chairman David Piepmeyer called the meeting to order at 3:00 p.m.

Based on the MPO Board's adopted Remote Participation Policy, Mr. Kozlosky called the roll, and a quorum was present as follows:

**Present:** Mike Allen, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, David Piepmeyer, Luke Waddell and Frank Williams. **Absent:** Neil Anderson, Jonathan Barfield, Hank Miller, Eulis Willis and Landon Zimmer.

#### **2. Conflict of Interest Statement**

Chairman Piepmeyer read the conflict-of-interest statement and asked if any member had a conflict of interest with any of the items on the meeting agenda. No members reported having a conflict.

#### **3. Approval of Board Members' Excused Absences**

Mr. Kozlosky said that no requests for excused absences were received.

#### **4. Approval of the Agenda**

Mr. Williams made a motion to approve the agenda as presented. Mr. Allen seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, Hank Miller, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson and Landon Zimmer.

**5. Public Comment Period**

No one from the public signed up to speak for the public comment section of the meeting.

**6. Presentations**

**a. North Carolina Department of Transportation Ferry Division Update- Catherine Peele, NCDOT**

Interim Assistant Director for Asset Management Catherine Peele gave an update on the North Carolina Department of Transportation (NCDOT) Ferry Division. She reminded Board members that the Ferry Division has seven scheduled routes, 15 terminals stretching from the Virginia/North Carolina line to the Southport/Fort Fisher Ferry, four tolled routes including the passenger-only ferry from Hatteras to Ocracoke, 500 or more total employees (419-423 permanent, remainder temporary/seasonal), and covers nine counties and three different Divisions. She noted that in January, the Ferry Division added its own engineer, which it had been lacking previously.

Ms. Peele said that this year was the Division's highest year of appropriation with \$50.9 million from the General Assembly and federal funding from grants or the ferry boat program. She noted that more than 87% of the budget goes to operating and maintaining the fleet, while 12% goes to business and Division support, and marine and facility asset maintenance, which is about \$4 million and includes shore support and parking.

Ms. Peele said that recent legislation now requires the Ferry Division to contain spending within its annual budget. Additionally, all toll revenue must go into a toll revenue fund, which can only be used for vessel replacement projects and for which an appropriation must be requested from the General Assembly.

Ms. Peele said that ridership has steadily increased from the Covid-19 pandemic and is back to normal operations. Like the rest of the country, the Ferry Division is having trouble filling technical trade and marine life vacancies – of the 493 positions available, only 411 are filled. She added that a program coordinator position has been created to lead initiatives such as career fairs, internships, apprenticeships, and working with the community colleges throughout all the Divisions and areas of operation.

Ms. Peele said that two vessel replacements are being constructed currently. She noted that the *Salvo* and the *Avon* were originally funded under the vessel replacement fund, an annual appropriation of \$4 million dedicated to replacing aging vessels, which was taken away by the Legislature when it established the capital fund. She added that the Ferry Division will need to be more strategic in the next prioritization to be competitive with other projects.

Regarding passenger service, Ms. Peele said that a passenger ferry was leased during the first three years while the Ferry Division's vessel was under construction. She noted that this is the second fully operated season with expanding shoulder seasons of the ferry from Hatteras to Ocracoke, which had about 25,000 passengers.

Ms. Peele said that the Ferry Division's 2024-2050 long-range plan was developed in 2020 to identify gaps and be more proactive. She noted that five themes and recommendations were identified.

- i. Workforce investments and classifications: living wage, HR Coordinator, vessel crew training program
- ii. Customer focus and adapting ridership needs: modernization of on-board experiences, departure schedules meeting the needs of the riders, on-board Wi-Fi, opt-in/out text notification system for departures,
- iii. Service reliability: condition reports, engineering unit, grant application submissions
- iv. Sustainability: electrification of routes (retrofit, or hybrid), passenger ferry (reduce emissions), electric charging station
- v. Multimodal: current research projects (reduce congestion, provide service to other areas that have tourism, etc.)

Ms. Peele said that this is the Ferry Division's 75<sup>th</sup> anniversary, and that the Division has expanded and grown since operations began in 1947.

**b. Wilmington International Airport Update- Bob Campbell, ILM**

Deputy Director of Finance, Marketing, and Human Resources Bob Campbell gave an update on Wilmington International Airport (ILM). He noted that ILM has four airlines -- three legacy airlines American, Delta, and United, and a recent, low-cost addition, Avelo, and 13 non-stop routes.

Mr. Campbell said that ILM's economic impact on the region based on NCDOT's 2019 data is \$2.2 billion. He noted that the airport accounts for about 16,000 jobs and \$85 million in tax revenue. Based on preliminary findings, each of the categories has increased from 2019, as has airport operations in all categories except military mainly due to deployments to the Ukraine.

Mr. Campbell said that although air travel through the first week in October this year is down 7% versus pre-pandemic numbers, ILM outpaced average U.S. and North Carolina airports month over month, and, for most months, is beyond pre-pandemic numbers. He added that September is up 117% and attributed it to the shoulder seasons.

Mr. Campbell said that ILM has \$13 million in operating revenue this fiscal year, which is a record. He noted that the ILM beat its budget based on the pandemic numbers by 67% and was 40% over when compared to the prior year in terms of revenue.

Mr. Campbell said that ILM spent \$95 million in capital projects during the last five years. He noted that the airport is anticipating \$126 million in projects in the coming five years. He displayed some photos of completed and upcoming projects including a baggage claim area, HVAC system upgrades, ramp expansion, and curb front. He noted that most of the upgrades have been done with federal, state, and local matching funds. He added that airports in general have been successful in lobbying the state for recurring funding.

Mr. Campbell said that the current terminal is designed to accommodate 552,000 enplanements. He noted that ILM is projected to meet that number in the next year or two. He added that the next phase of airport improvements will add two jet bridges bringing capacity up to 741,000 enplanements or 1.5 million passengers per year. Other projects, realigning taxiway B, and overlaying runway 624, will cost about \$30 million over the next few years.

Mr. Campbell said that for General Aviation, which has grown over the past few years, ILM plans to invest in taxiways and necessary stormwater facilities to accommodate hangers. He added ILM's business park continues to expand with new tenants, when all online, will bring in \$1.8

million in revenue, some of which will be applied toward the aeronautical costs of running the terminal. This may lower the cost for the airlines and attract more airlines to ILM or allow current airlines to add new service.

Mr. Campbell commented that the Circle K at the corner of 23<sup>rd</sup> and Airport Boulevard has been a great convenience for passengers and car rental companies. He noted that Aero Center Wilmington opened its doors June 22<sup>nd</sup> and may need more space. He added that new airport tenants will include Edgewater Ventures (350,000 square feet), CL Capital (500,000 square foot cold storage space), and a 150-room Crowne Plaza hotel with a full-service restaurant on the first floor and roof-top bar.

Mr. Campbell said that Avelo is the new airlines at ILM that started on the west coast in Hollywood Burbank, California, and moved to the east coast, New Haven, Connecticut, about 15 months ago. He noted that aside from its bases in New Haven and Orlando, Wilmington is Avelo's next largest airport. He pointed out that Avelo is always running a special and will have a new non-stop service to Fort Lauderdale starting November 11<sup>th</sup>. He added that ILM's 13 non-stops will get passengers to 360 destinations around the country with one stop.

**c. Infrastructure Investment and Jobs Act Grant Opportunities, Emma Stogner- WMPO**

Mr. Kozlosky reminded members that in November 2021 the President signed the Infrastructure Bill into law there are numerous discretionary grants associated with that bill. He noted that he asked staff to provide an overview of the grant opportunities. At a later date, staff will provide some specific examples of grants that communities might wish to consider.

WMPO Associate Planner Emma Stogner said that she researched grant opportunities available through the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act, which passed in August. She noted that although the presentation has three parts, she would give an overview of grants for which the WMPO would be eligible to apply. She added that cities and counties may also be interested in some of the other grants for which they would be eligible to apply. She explained that the grants may be categorized as either having a planning component, or for implementation only. She noted that all grants with a planning component are new, except one. Grant opportunities available to the MPO are as follows:

**Grants with a Planning Component**

- Prioritization Process Pilot Program
- PROTECT Grants
- Reconnecting Communities
- Neighborhood Access and Equity Grant Program (Inflation Reduction Act)
- Railroad Crossing Elimination Program
- RAISE (not new)
- Safe Streets and Roads for All
- SMART
- Bridge Investment Program

**Project Grants (Implementation Only)**

- INFRA (not new)
- Wildlife Crossing Pilot Program
- Charging and Fueling Infrastructure Grants
- Strategic Innovation for Revenue Collection (not new)
- ATTAIN
- Low-Carbon Transportation Materials Grants
- MEGA

Mr. Kozlosky noted that the MPO is considering the Safe Streets and Roads for All grant opportunity for its FY24 budget and estimated that it will cost \$500,000. He noted that the MPO

has secured a \$50,000 contribution from NCDOT to provide a match and an additional match from the members would be \$50,000. He added that this item will be brought with the MPO's Unified Planning Work Program to the Board for consideration at its January meeting.

Mr. Waddell asked about applying for multiple grants for a single project. Ms. Stogner said she would research it and report back. A brief discussion continued about leveraging multiple grants.

Mr. Kimes commended Ms. Stogner on her presentation. He noted that NCDOT has hired a firm to analyze every project in the STIP. He added that there are rules to follow such as NCDOT can only submit a certain number of projects. He pointed out that the Hampstead Bypass doesn't have a federal document, and to go after federal grants, a project needs a federal document. So, NCDOT is exploring grants for other projects to accelerate them to free up other money. He noted that the firm is attempting to identify projects that would best compete for the grants.

Mr. Kozlosky said that many grants are available through the IIJA that are discretionary programs, for some of which NCDOT is ineligible to apply. For example, only local governments and MPOs can apply for the Safe Streets for All. Although, NCDOT's Traffic and Safety Unit has committed funds as part of the local match.

Mr. Waddell inquired about the WMPO engaging its own consultant to research the grant opportunities. Mr. Kozlosky responded that staff would research it.

In response to an inquiry by Mr. Williams, Mr. Kozlosky said that resolutions of support from the jurisdictions would be helpful with grant applications, such as the MPO Board's resolutions of support for the Port's grant applications. Mr. Williams pointed out that the bridge impacts the RPO.

Chairman Piepmeyer commended Ms. Stogner on the presentation. He asked about sharing the information with local planning staff. Mr. Kozlosky responded that a more detailed presentation was given at the Technical Coordinating Committee's October meeting. Mr. Williams asked if the presentation could be sent to the managers of each member jurisdiction as well.

## **7. Consent Agenda**

- a. Approval of Board Meeting Minutes from September 28, 2022**
- b. Resolution approving 2020-2029 STIP/MPO Amendments # 22-6**
- c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-9**
- d. Resolution accepting donations for the 2022 Commuter Challenge**

Ms. Bozeman made a motion to approve the Consent Agenda, Items 7a through 7d. Mr. Waddell seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, Hank Miller, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson and Landon Zimmer.

## **8. Regular Agenda**

- a. Resolution approving Amendment #2 to the FY 23 Unified Planning Work Program**

Ms. Lorenzo said that Amendment #2 to the FY23 Unified Planning Work Program (UPWP) would fund a WMPO organizational study intended to evaluate the organization's current internal structure and to provide recommendations to insure the WMPO is prepared for any changes that may or may not



occur as a result of the 2020 Census. She noted that this would be a reallocation of existing surplus funding from the Pender County Bicycle and Pedestrian Plan, MTP development assistance, and the management and operations expense line. She added that amendment was recommended for approval by the TCC at its October 12<sup>th</sup> meeting.

Mr. Williams made a motion to approve Amendment #2 to the FY23 UPWP. Mr. Waddell seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, Hank Miller, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson and Landon Zimmer.

**b. Resolution requesting the North Carolina Department of Transportation complete a Safety Feasibility Study on NC 210 in Pender County**

Mr. Kozlosky said that this request originated from Pender County and requests NCDOT to conduct a feasibility study on NC 210 between Hampstead and Rocky Point to study shoulder widening and sight line improvements or other improvements. He noted that the Pender County Board of Commissioners passed a similar resolution, and this resolution would support theirs in making a request to the department.

Chairman Piepmeyer said that when the Bypass is completed, there will be more traffic on NC 210. He noted that there is nowhere to pull over on that road and that a school is being built in the area as well. He made a motion to request NCDOT complete a Safety Feasibility Study on NC 210 in Pender County. Mr. Williams seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, Hank Miller, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson and Landon Zimmer.

**c. Resolution approving the award of FY 23 Direct Attributable Funds**

Transportation Planning Engineer Scott A. James presented staff's recommendations in response to the call for projects issued this summer. He reported that a total of six projects were submitted by the September deadline, the sum of which did not exceed the total allocation. Therefore, all applications were reviewed and ranked, and the recommendation of staff is to fully fund each request. He noted that one of the applications was recommended for funding from the Carbon Reduction (CR) grant fund. He added that the remaining funds will be kept in reserve.

Mr. James said that the TCC recommended approval of the awards at its October meeting, as follows in descending order, from high score to low score:

New Hanover County	
Monkey Junction Pedestrian Improvements Project – Multi-use path (W – 5703C)	\$461,949
Town of Leland	
US 17 Pedestrian Crossing Safety Improvements	\$666,623
City of Wilmington	
South 3 <sup>rd</sup> Street and Ann Street Traffic Signal Installation	\$971,840
Cape Fear Public Transportation Authority (WAVE)	
Passenger Amenity Upgrades (installation of transit shelters and benches)	(CR) \$339,000

Town of Wrightsville Beach	
Causeway Drive Bicycles and Pedestrian Improvements	\$269,245
NC Department of Transportation – Division 3 Traffic Services	
South 3 <sup>rd</sup> Street and Orange Street Traffic Signal Installation	\$542,400

Mr. Williams made a motion to approve the award of FY23 Direct Attributable Funds. Mr. Waddell seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, Hank Miller, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson and Landon Zimmer.

## 9. Discussion

### a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-10

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

### b. Revised Draft 2024-2033 State Transportation Improvement Program-Project Swap

Mr. Kozlosky reminded Board members that in April, NCDOT released the draft 2024-2033 STIP and then in the budget the Legislature included a transfer of sales tax. Based on that, the Department went back and reevaluated its revenue projections and in August released a revised draft STIP. Using the current procedure, the Department is allowing project swaps as long as they meet certain criteria and are agreed upon by NCDOT and the MPO. He noted that the MPO worked closely with NCDOT and came up with two potential project swap scenarios, as follows:

Scenario A	Scenario B
<p>Swap in:</p> <p>U-5734, US-421/South Front Street Widening Project between Burnett Boulevard and the Cape Fear Memorial Bridge</p> <p>U-6128, Greenville Loop Road and Greenville Avenue at Oleander Drive intersection Improvements</p> <p>Swap to PE only:</p> <p>U-5732, Conversion of US-17 in Hampstead to a Superstreet from Washington Acres Road to Vista Lane</p> <p>Swap out/remove:</p> <p>U-4902B, Access Management Improvements on US-17 Business/Market Street</p>	<p>Swap in:</p> <p>U-5734, US-421/South Front Street Widening between Burnett Boulevard and the Cape Fear Memorial Bridge</p> <p>U-6128, Intersection Improvements at Greenville Loop Road and Greenville Avenue</p> <p>Accelerate by one year:</p> <p>U-3300 Hampstead Bypass Section A, construction to FY26</p> <p>Swap to PE only:</p> <p>U-5732, Conversion of US-17 in Hampstead to a Superstreet</p> <p>Delay by two years:</p> <p>U-3338C, Interchange at Kerr Avenue and Martin Luther King Jr. Parkway, let date to FY 28</p> <p>Swap out:</p> <p>U-4902B, Access Management Improvements on US-17 Business/Market Street</p>

Chairman Piepmeyer said that he supports delaying the superstreet on US 17 until the Hampstead Bypass is complete.

Mr. Kozlosky said that Market Street is in three phases: Marsh Oaks to Middle Sound is under construction now, U-4902C Station Road to College Road, and U-4902B College Road to Colonial Drive (ROW FY27, Construction FY29). From staff's perspective it makes sense to build it in two different timelines. If U-4902B is swapped out, it will recompute in Prioritization 7.0 and will likely score high again locally as it did previously.

Mr. Waddell inquired about shifting the railroad to the western side of the street in the South Front Street widening. Mr. Kimes responded that this is in the current plans. He noted that he will need to get more into the cost details.

Mr. Williams commented that what the Ports requested makes sense and concurred with Mr. Waddell. He added that the Hampstead Bypass is already underway and accelerating it makes sense. He asked about Scenario B.

Mr. Kozlosky said that Scenario B would follow Scenario A with the swap in of the widening of South Front Street, and the Greenville Avenue at Oleander Drive intersection improvements, and it would accelerate the A section of the Hampstead Bypass from NC 210 to the Wilmington Bypass from FY27 to FY26, it would move to PE only the conversion of US 17 through Hampstead proper, delay the interchange project at MLK/Kerr from FY26 to FY28, and it would swap out the Market Street access management project. Mr. Kimes added that the Hampstead Bypass goes back to the grant discussion. He noted that it's under a state document, so there is no way to pursue grants to accelerate it but this scenario would accelerate it from September 2026 to July 2025 and complete the Hampstead Bypass by 2029.

Chairman Piepmeyer commented that he loves this scenario.

Mr. Kozlosky asked if the Board would like staff to consider any other project swaps. He reminded the Board that the deadline for swapping projects is March 17<sup>th</sup>. He expressed a desire to wrap up the project swaps sooner given that changes to Board membership are anticipated.

Mr. Williams expressed a preference for Scenario B.

Mr. Barfield expressed appreciation to Mr. Kimes and Mr. Kozlosky and expressed support for their recommendation.

Ms. Hays asked if there was any discussion regarding swapping out Eastwood Road and Military Cutoff and swapping in College Road and Oleander Drive. Mr. Kozlosky said that staff did not consider swapping Eastwood Road and Military Cutoff because it was one of the Board's top-five funding priorities, but staff would consider it if it were the Board's desire. Vice Chairman Miller commented that he thought staff would look at it since there was some discussion about it.

Mr. Kozlosky said that College and Oleander is in the Statewide tier. Mr. Kimes said that its \$33 million and Eastwood Road and Military Cutoff is \$66 million, but it would need to be evaluated.

Mr. Waddell pointed out that there seems to be some consensus about Scenario B and Mr. Kimes can gather some information to consider at the next meeting. He suggested that staff should prepare a resolution regarding Scenario B and that the Board could have further discussion at its next meeting.

Chairman Piepmeyer said that Mr. Kimes will evaluate what Ms. Hays and Vice Chair Miller have asked for at the next meeting.

Mr. Barfield pointed out that there is consensus on Scenario B. Chairman Piepmeyer confirmed that there is consensus, and that Mr. Kimes will provide additional information regarding Eastwood/Military Cutoff at the next meeting.

Due to technical difficulties, Mr. Waddell suggested an amendment be made to the remote policy.

In response to an inquiry by Mr. Williams, Mr. Kozlosky said that only some members have alternates.

Mr. Kozlosky said that Information regarding Military Cutoff and Eastwood would be brought back at the next meeting as well as a resolution supporting Scenario B.

c. **2050 Metropolitan Transportation Plan**

Ms. Lorenzo reminded Board members that the MPO is federally required to develop and adopt a Metropolitan Transportation Plan (MTP) every five years. This multi-modal plan includes project and policy recommendations and is intended to serve as a road map for local, regional and statewide transportation investments. She noted that the current MTP, Cape Fear Moving Forward 2045, was adopted by the MPO Board November 18, 2020. In order to be compliant, the MPO must update the plan and the Board must adopt the plan by November 18, 2025. After adoption of the 2045 MTP, staff reviewed the MTP development process to identify potential opportunities for improvement and researched the processes used by MPOs across the state.

Ms. Lorenzo said that staff proposes to change the role of the Citizens Advisory Committee (CAC) to better assist staff with public outreach activities throughout the development of the plan. Staff also proposes to establish a MTP Development Committee comprised of planning staff of local member jurisdictions, NCDOT, and other subject matter experts for the modes of transportation in the region to guide the more technical components of the process. Also proposed, in place of working with multimodal subcommittees, are regional stakeholder meetings. Additionally, during the initial stage of development, MPO staff will be meeting with planning staff and bicycle and pedestrian committee members to be more collaborative and get a better idea of what is needed moving forward.

Ms. Lorenzo said that under modal deliverables, staff proposes to make some minor modifications. Since there is only one airport, staff proposes to endorse the airports' plan in the aviation chapter. For the bicycle and pedestrian element, staff proposes to focus on active transportation as a whole and to work with the Bicycle and Pedestrian Advisory Committee to identify regional priority areas and identify projects that have been identified by local plans of member jurisdictions for the fiscally constrained project recommendations. Freight moved by truck is proposed to be under the roadway mode, and the rail mode will include freight rail and passenger rail. Lastly, staff proposes to adopt the comprehensive transportation project plan as an appendix of the MTP 2050.

Ms. Lorenzo said that the TCC expressed support for the proposed changes.

In response to an inquiry by Mr. Williams, Ms. Lorenzo said that Citizens Advisory Committee members should be able assist with outreach and get the word out. She commented that capturing the public's voice is the most important part of the process.

8. **Updates**

a. **Wilmington Urban Area MPO**

Mr. Kozlosky said the MPO anticipates the Urbanized Area Census data to be released in December. MPO GIS Analyst Greer Shivers said that the data is expected to be released between September of this year and January of next year.

Mr. Kozlosky said that the Urbanized Area boundary is critical to how the MPO receives its planning dollars and it helps determine the MPO's planning boundary, where it anticipates being considered urbanized over the next 20 years. He noted that staff is running some scenarios about the planning boundary. He commented that there may be a potential to expand but cautioned against growing too far beyond the urbanized boundary because the MPO only receives funds for the urbanized boundary and not the planning boundary. He noted that the MPO will work with its surrounding partners at the RPO, Grand Strand MPO, and Jacksonville MPO. He added that it could potentially impact the composition of the organization. He noted that this is something that the Board will potentially consider next year.

In response to an inquiry by Mr. Williams, Mr. Kozlosky expressed doubt that the boundary would extend west into Columbus County.

Mr. Kozlosky acknowledged that the MPO is now fully staff and introduced Associate Planner Carolyn Caggia. Ms. Caggia expressed appreciation and gave some brief details about her professional background at NC State and UNC-Chapel Hill.

**b. Cape Fear Public Transportation Authority**

**c. NCDOT Division**

Mr. Kimes said that NCDOT is still reviewing all possible options for the Cape Fear Memorial Bridge. Regarding the cost of a toll and where traffic would be diverted, he noted that the Turnpike Authority will fund a Traffic and Revenue study, which is projected to be completed by October 2023. He reminded Board members that a project with a toll cannot be submitted before it has been decided for Prioritization 7.0. Regarding the grants discussed earlier, he added that NCDOT funded about \$2 million from its bridge program toward the bridge, which will allow the Department to initiate the merger process to potentially leverage grants or offset the cost of the match. He noted that the merger process is a three- to five-year process, and a lot of information from the Cape Fear Crossing project can be used. He said that Division will start the search for a firm. He commented that having a merger project ready to go is important for securing grants. He added that the meeting here with the Board of Transportation very important for the region.

**d. NCDOT Transportation Planning Division**

Nazia Sarder said that efforts on the Brunswick County CTP resumed in August after several months on pause. She added that in anticipation of the next MTP, the 2050 Travel Demand Model was started in March and is on schedule. Also, with the Census results anticipated for the Urban Area the model has been expanded out

**10. Announcements**

**a. Commuter Challenge- October 14th-30th**

Mr. Kozlosky commented that prizes will be distributed.

**b. Next MPO Board Meeting – November 30th, 2022**

**11. Adjournment**

Ms. Bozeman made a motion to adjourn the meeting, seconded by Mr. Williams, and the motion carried unanimously by roll call as follows:

**Ayes:** Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Deb LeCompte, David Piepmeyer, Luke Waddell, Frank Williams and Eulis Willis. **Absent:** Neil Anderson, Hank Miller and Landon Zimmer.

The meeting adjourned at 4:58 p.m.

Respectfully submitted,

Mike Kozlosky  
Executive Director  
Wilmington Urban Area Metropolitan Planning Organization

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

# Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

## STIP/MPO TIP Amendment #22-7 (October 2022)

### STATEWIDE PROJECT

STIP ADDITIONS			
HO-0010B STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE TRAFFIC OPERATIONS, IMPLEMENT STATEWIDE TRAFFIC OPERATIONS ACTIVITIES SUCH AS TRAFFIC MANAGEMENT CENTERS, TRAVELER INFORMATION, INTELLIGENT TRANSPORTATION SYSTEMS (ITS), AND TRAFFIC INCIDENT AND EVENT MANAGEMENT ACROSS THE ENTIRE STATE.  <u>ADD PROJECT AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	IMPLEMENTATION  FY 2024 - \$4,000,000 (CRPANY) FY 2024 - \$1,000,000 (S(M)) FY 2025 - \$4,000,000 (CRPANY) FY 2025 - \$1,000,000 (S(M)) \$10,000,000
* HV-0001 STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, CONSTRUCTION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT ALONG NORTH CAROLINA'S ALTERNATIVE CORRIDORS  <u>ADD NEW NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI) PROGRAM PROJECT.</u>	ENGINEERING  FY 2023 - \$500,000 (NEVI) \$500,000
* M-0555DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES.  <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES  FY 2023 - \$105,000 (T) FY 2024 - \$105,000 (T) FY 2025 - \$105,000 (T) FY 2026 - \$105,000 (T) FY 2027 - \$105,000 (T) FY 2028 - \$105,000 (T) FY 2029 - \$105,000 (T) AFTER FY 2029 - \$630,000 (T) \$1,365,000

# Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

## STIP/MPO TIP Amendment #22-7 (October 2022)

### STATEWIDE PROJECT

STIP ADDITIONS			
* M-0555REG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES
		FY 2023 -	\$105,000 (T)
		FY 2024 -	\$105,000 (T)
		FY 2025 -	\$105,000 (T)
		FY 2026 -	\$105,000 (T)
		FY 2027 -	\$105,000 (T)
		FY 2028 -	\$105,000 (T)
		FY 2029 -	\$105,000 (T)
		AFTER FY 2029 -	\$630,000 (T)
			\$1,365,000
* M-0555SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES
		FY 2023 -	\$140,000 (T)
		FY 2024 -	\$140,000 (T)
		FY 2025 -	\$140,000 (T)
		FY 2026 -	\$140,000 (T)
		FY 2027 -	\$140,000 (T)
		FY 2028 -	\$140,000 (T)
		FY 2029 -	\$140,000 (T)
		AFTER FY 2029 -	\$840,000 (T)
			\$1,820,000



# Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

## STIP/MPO TIP Amendment #22-7 (October 2022)

### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

		STIP DELETIONS		
TC-0020 NEW HANOVER PROJECT CATEGORY PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NCDOT, 5339 SMALL URBAN <del>DELETE PROJECT AT THE REQUEST OF THE MPO.</del>	PLANNING CAPITAL	
			FY 2022 -	\$273,000 (STBG)
			FY 2022 -	\$219,000 (S)
			FY 2022 -	\$219,000 (L)
			FY 2022 -	\$1,747,000 (5339)
			FY 2023 -	\$60,000 (S)
			FY 2023 -	\$60,000 (L)
			FY 2023 -	\$479,000 (5339)
				\$3,057,000

## Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #22-10 (September 2022)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS				
EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	RICE HOPE MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$134,000 (BGDA) FY 2023 - \$33,000 (L) \$167,000
EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BELVILLE ELEMENTARY MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$94,000 (TADA) FY 2023 - \$24,000 (L) \$118,000
EB-6028 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WILMINGTON, CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$100,000 (TADA) FY 2023 - \$25,000 (L) \$125,000
P-5740A BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CSX SE LINE, TIE AND RAIL REHABILITATION, CURVE REALIGNMENT, AND UPGRADE RAIL BRIDGES. <u>TO ALLOW ADDITIONAL TIME FOR RAILROAD COORDINATION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$15,522,000 (DP) FY 2023 - \$5,514,000 (T) FY 2024 - \$5,514,000 (T) \$26,550,000

## Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

### STIP/MPO TIP Modification #22-10 (September 2022)

#### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS				
* R-5783 BRUNSWICK DUPLIN NEW HANOVER ON SLOW PENDER SAMPSON <b>PROJ.CATEGORY</b> DIVISION	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION  - WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  - JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION  - MID-CAROLINA RURAL PLANNING ORGANIZATION  - EASTERN CAROLINA RURAL PLANNING ORGANIZATION  - CAPE FEAR RURAL PLANNING ORGANIZATION	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING METROPOLITAN TRANSPORTATION ALTERNATIVES (TA) FUNDS.  <u><b>ADD FUNDING IN FY 23 NOT PREVIOUSLY PROGRAMMED.</b></u>	CONSTRUCTION	FY 2022 - \$200,000 (S) FY 2022 - \$800,000 (TA) FY 2023 - \$200,000 (S) FY 2023 - \$800,000 (TA) \$2,000,000
U-6233 NEW HANOVER <b>PROJ.CATEGORY</b> DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.		RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$8,000 (S) FY 2022 - \$32,000 (BGDA) FY 2023 - \$51,000 (S) FY 2023 - \$205,000 (BGDA) \$296,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #22-10 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 #22-10.

**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 #22-10.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



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

## MEMORANDUM

TO: MPO Board members

FROM: Mike Kozlosky, Executive Director

DATE: November 21, 2022

SUBJECT: Wilmington Urban Area MPO Proposed 2023 Meeting Schedule

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Technical Coordinating Committee	Board
January 11	January 25
February 8	February 22
March 15	March 29
April 12	April 26
May 17	May 31
June 14	June 28
July 12	July 26
August 16	August 30
September 13	September 27
October 11	October 25
November 15	November 29
December –no meeting scheduled	December –no meeting scheduled

The TCC meetings will begin at 10 am on the date of the meetings.

The Board meetings will begin at 3 pm on the date of the meetings.

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### 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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE WILMINGTON URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION’S 2023 MEETING CALENDAR**

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization’s Board adopts the meeting calendar on an annual basis.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2023 meeting calendar.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

DATE: September 28, 2022

TO: Mike Kozlosky  
Executive Director, Wilmington Urban Area Metropolitan Planning Organization

FROM: Brian Mayhew, PE, CPM  
State Traffic Engineer  
Transportation Mobility & Safety Division

SUBJECT: Safety Performance Measures – FHWA Assessment and 2023 Targets

DocuSigned by:  
*Brian K Mayhew*  
EA0525CE2812491...

**Background**

Effective April 14, 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

These targets are established annually, are based on 5 year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our [Strategic Highway Safety Plan \(SHSP\)](#) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

**North Carolina Safety Performance Target Achievement Determination**

Earlier this year, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2020 safety targets, based on the 5-year averages for 2016-2020 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety performance targets established under 23 CFR 490.209(a) have been met or the actual outcome

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Fax: (919) 771-2745  
Customer Service: 1-877-368-4968

Location:  
750 N. GREENFIELD PARKWAY  
GARNER, NC 27529

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

is better than the baseline performance. **Based on FHWA's review, North Carolina has not met or made significant progress toward achieving its safety performance targets.** As a result, NCDOT must ensure that all HSIP safety funds are obligated, and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level.

*Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2020*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2016 - 2020	2016 - 2020	2014 - 2018			
Fatalities (5 Year Average)	1,227.8	1,458.6	1,392.2	No	No	No
Fatality Rate (5 Year Average)	1.084	1.250	1.206	No	No	
Serious Injuries (5 Year Average)	2,812.8	4,410.2	3,362.4	No	No	
Serious Injury Rate (5 Year Average)	2.462	3.776	2.884	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	426.6	583.0	491.0	No	No	

Table 2 below shows what this determination would look like if the state's methodology for establishing the CY 2020 goal was applied to crash data specific to Wilmington Urban Area MPO.

*Table 2: Wilmington Urban Area MPO Safety Performance Target Achievement Determination Summary for CY 2020*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2016 - 2020	2016 - 2020	2014 - 2018			
Fatalities (5 Year Average)	24.9	30.8	28.6	No	No	No
Fatality Rate (5 Year Average)	0.993	1.163	1.115	No	No	
Serious Injuries (5 Year Average)	56.0	79.6	67.2	No	No	
Serious Injury Rate (5 Year Average)	2.209	3.020	2.589	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	16.6	19.6	20.0	No	Yes	



### **2023 State Safety Performance Targets**

2023 state safety performance targets were submitted to FHWA on August 31<sup>st</sup>, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at this [link](#).

*Table 3: North Carolina Calendar Year 2023 Safety Performance Targets*

Performance Measure	CY 2023
Number of Fatalities	1,202.2
Rate of Fatalities	1.011
Number of Serious Injuries	3,423.0
Rate of Serious Injuries	2.863
Number of Non-Motorized Fatalities & Serious Injuries	468.2

### **2023 Wilmington Urban Area MPO Safety Performance Targets**

Table 4 below provides crash data specific to your MPO and shows what the safety performance targets would look like if you applied the state's methodology (reducing fatalities and serious injuries by half by 2035). More detailed information specific to your MPO can be found at this [link](#).

*Table 4: Wilmington Urban Area MPO Specific Safety Performance Targets*

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	30.0	1.345	63.2	2.829	16.0
2009 - 2013	26.8	1.197	59.6	2.657	15.4
2010 - 2014	27.8	1.228	55.4	2.449	18.2
2011 - 2015	28.2	1.211	60.0	2.577	19.8
2012 - 2016	29.6	1.236	61.2	2.544	18.6
2013 - 2017	28.4	1.144	64.4	2.582	20.0
2014 - 2018	28.6	1.115	67.2	2.589	20.0
2015 - 2019	30.8	1.152	75.8	2.837	21.6
2016 - 2020	30.8	1.163	79.6	3.020	19.6
2017 - 2021	32.8	1.237	85.4	3.235	20.8
2023 Target*	24.3	0.905	63.4	2.356	17.1

## **Next Steps**

MPOs are not directly assessed by FHWA on their progress towards meeting safety performance targets. However, coordination and deliberate action will be needed to achieve the goals outlined in the NC Strategic Highway Safety Plan and as communicated through the safety performance targets. We encourage additional coordination between MPO's and NCDOT Traffic Safety Unit in all areas of safety, but specifically in data sharing, safety tools development, safety need identification and shared safety project implementation. The Traffic Safety Unit is available to meet with your MPO for additional discussion and partnership.

FHWA guidance allows each MPO to establish safety performance targets by either agreeing to plan and program projects so that they contribute toward the accomplishments of the State DOT performance targets or committing to quantifiable HSIP targets for their specific MPO area. If an MPO establishes its own targets, it will need to do so in coordination with the State per FHWA guidelines. The Traffic Safety Unit is available to facilitate this coordination. As a reminder, MPOs must establish safety performance targets no later than February 27 of each year per FHWA guidance. Please transmit a signed adoption resolution indicating the establishment of safety targets for your MPO or supporting the state's targets to Daryl Vreeland ([dvreeland@ncdot.gov](mailto:dvreeland@ncdot.gov)) in the Transportation Planning Division just as you have in previous years. An adoption resolution template can be found at this [link](#).

Finally, a new NCDOT Traffic Safety website has been established to communicate safety information to the public. A few direct links that may be of specific interest to MPOs can be found below:

- Main NCDOT Traffic Safety Unit website: [link](#)
- Mapped safety data: [link](#)
  - Here you can find a variety of spatial datasets related to traffic safety, including: fatal and serious injury crashes, pedestrian and bicycle crashes, safety projects (completed, funded, and those competing for funding), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Safe Streets for All Grant (SS4A) Program: [link](#)
  - Here you will find North Carolina specific information related to the SS4A grant program. It is expected that the content of this site will expand over time.

Please contact me directly at (919) 814-5011 or [bmayhew@ncdot.gov](mailto:bmayhew@ncdot.gov) for further questions or discussion.

BKM\bgm

cc: Jamal Alavi, PE, CPM  
Daryl Vreeland, AICP  
George Hoops, PE  
Shawn Troy, PE  
Brian Murphy, PE

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE ENDORSEMENT OF TARGETS FOR SAFETY  
PERFORMANCE MEASURES ESTABLISHED BY THE NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION FOR 2023**

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and

**WHEREAS**, the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures annually, by August 31<sup>st</sup>; and

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries; and

**WHEREAS**, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group; and

**WHEREAS**, the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31<sup>st</sup>, of each year; and

**WHEREAS**, the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

**NOW THEREFORE** be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby agrees to plan and program projects that contribute toward the accomplishment of the State's targets as noted below for each of the aforementioned performance measures:

1. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 19.57 percent from 1,494.8 (2017-2021 average) to 1,202.2 (2019-2023 average) by December 31, 2023.
2. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 20.95 percent from 1.279 (2017-2021 average) to 1.011 (2019-2023 average) by December 31, 2023.
3. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 30.19 percent from 4,903.4 (2017-2021 average) to 3,423.0 (2019-2023 average) by December 31, 2023.

4. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 31.75 percent from 4.195 (2017-2021 average) to 2.863 (2019-2023 average) by December 31, 2023.
5. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 26.52 percent from 637.2 (2017-2021 average) to 468.2 (2019-2023 average) by December 31, 2023.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



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## MEMORANDUM

TO: MPO Board Members

FROM: Mike Kozlosky, Executive Director

DATE: November 21, 2022

**SUBJECT: Revised Draft 2024-2033 STIP Potential Project Swap Scenarios**

The North Carolina Department of Transportation (NCDOT) released the initial draft 2024-2033 State Transportation Improvement Program (STIP) on April 25, 2022. The North Carolina General Assembly included a transfer of sales tax revenue in the budget signed on July 11, 2022. As a result, the Department re-examined their revenue projections and based on an updated revenue forecast released a revised draft 2024-2033 STIP on August 4, 2022.

The 2024-2033 STIP development process allows for project swaps as long as these swaps meet certain criteria. The swaps must be agreed upon by both 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. All project swaps must be completed no later than March 17, 2023. The Department will then release a revised Draft 2024-2033 STIP with formal adoption in Spring/Summer 2023.

### **Roadway Project Swap Scenarios**

MPO staff has reviewed the highway projects included in the revised draft STIP and identified the following potential project swap scenarios described below and detailed in the attached tables:

#### **Scenario A**

**Swap in:** South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

**Swap to PE ONLY:** US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

**Swap out:** Market Street Access Management (U-4902B).

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## Scenario B

**Swap in:** South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

**Accelerate:** Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

**Swap to PE ONLY:** US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

**Delay:** Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

**Swap out:** Market Street Access Management (U-4902B).

## **Aviation Project Swap Request**

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). Please see the details outlined in the below table:

STIP #	Project Name	Description	Project Cost	Funding Tier	Prioritization Round	Score*
<u>AV-5885</u>	<u>ILM</u>	<u>Rehabilitate Runway</u>	<u>\$7.5 mil</u>	<u>Statewide Mobility</u>	<u>P5.0 (Not Committed)</u>	<u>87.48</u>
<i>AV-5730</i>	<i>ILM</i>	<i>Extend Runway 6-24 Ph. 1</i>	<i>\$5.0 mil</i>	<i>Statewide Mobility</i>	<i>P3.0</i>	<i>46.15</i>

Key: Green = Swap IN; *Red* = Swap OUT

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).

## **Conclusion**

MPO staff presented the potential project swaps to the MPO Board at the October meeting. The consensus of the Board was to support the roadway project swaps outlined in Scenario B. Resolutions supporting the Roadway and Aviation project swaps were approved by the TCC at their November meeting and are included in the packet for consideration.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE ROADWAY PROJECT SWAPS FOR THE 2024-2033 STATE  
TRANSPORTATION IMPROVEMENT PROGRAM**

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

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

**WHEREAS**, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

**WHEREAS**, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

**WHEREAS**, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

**WHEREAS**, all project swaps must be agreed upon no later than March 17, 2023; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has reviewed the revised draft 2024-2033 STIP and desires to complete roadway project swaps.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the following roadway project swaps for the 2024-2033 State Transportation Improvement Program:

**Swap in:** South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

**Accelerate:** Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

**Swap to PE ONLY:** US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

**Delay:** Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

**Swap out:** Market Street Access Management (U-4902B).

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING AN AVIATION PROJECT SWAP FOR THE 2024-2033 STATE  
TRANSPORTATION IMPROVEMENT PROGRAM**

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

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

**WHEREAS**, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

**WHEREAS**, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

**WHEREAS**, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

**WHEREAS**, all project swaps must be agreed upon no later than March 17, 2023; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization and NCDOT Division 3 received a request from NCDOT's Aviation Division to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730); and

**WHEREAS**, Wilmington International Airport and NCDOT Division 3 support the NCDOT Aviation Division's request.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730) in the 2024-2033 State Transportation Improvement Program.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

# Resolution



Town of Carolina Beach  
Town Council

## RESOLUTION NO. 22-2272

### ***A Resolution to cancel the Agreement ID # 8644 with NC Department of Transportation (NC DOT) for a multi-use path on Clarendon Avenue***

WHEREAS, on June 24, 2019 an agreement was signed between the NC DOT and the Town of Carolina Beach to fund a multi-use path on Clarendon Avenue.

WHEREAS, the agreement was based on recommendations from the Town's long range plan bicycle and pedestrian plans along with grants applied for by the Town Staff; and

WHEREAS, None of the \$545,000 grant funds have been requested from NC DOT due to continued local concerns with the project;

WHEREAS, on September 19, 2022 the Town's Bike and Pedestrian Committee recommended against moving forward with a bike/pedestrian project on Clarendon Avenue.

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Carolina Beach, North Carolina:

The Town no longer wishes to move forward with this project and requests that it be removed from the State Transportation Improvement Program (STIP).

Adopted this 25<sup>th</sup> day of October 2022.

Albert L. Barbee, Mayor

Kimberlee Ward, Town Clerk



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING AN AMENDMENT TO THE WILMINGTON URBAN  
AREA METROPOLITAN PLANNING ORGANIZATION’S TRANSPORTATION  
IMPROVEMENT PROGRAM AND REQUESTING THE NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION REMOVE CLARENDON AVENUE MULTI-  
USE PATH (EB-6029) FROM THE 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**, on February 27, 2019, the Town of Carolina Beach was awarded Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) funding from the Wilmington Urban Area Metropolitan Planning Organization for the Clarendon Avenue Multi-use Path project; and

**WHEREAS**, the State/MPO Transportation Improvement Program was amended to include the Clarendon Avenue Multi-use Path (EB-6029); and

**WHEREAS**, on October 25, 2022, the Town of Carolina Beach requested that the State/MPO Transportation Improvement Programs be amended to remove this project.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports an amendment to the Wilmington Urban Area MPO’s Transportation Improvement Program and requests the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on November 30, 2022.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**Proposed Revisions to 2020-2029 STIP/MPO TIP Programs**

**STIP/MPO TIP Modification #22-11  
(October 2022)**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

TC-0021	- WILMINGTON URBAN AREA	NC DOT, 5339 STATEWIDE RURAL	CAPITAL	FY 2023 -	\$210,000	(S)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	<i>MODIFY FUNDING IN FY 22 AT THE REQUEST OF THE MPO.</i>		FY 2023 -	\$210,000	(L)
PROJ CATEGORY				FY 2023 -	\$1,684,000	(5339)
PUBLIC TRANS					\$2,104,000	



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## MEMORANDUM

TO: MPO Board Members

FROM: Mike Kozlosky, Executive Director

DATE: November 21, 2022

**SUBJECT: Military Cutoff Road/Eastwood Road Interchange**

At the October MPO Board meeting, it was requested by the Board that MPO staff evaluate and bring back options for delaying the interchange at Military Cutoff Road/Eastwood Road as a potential project swap. The Drysdale Drive Extension (U-5710A) is currently under construction with completion anticipated by the end of 2023. The Military Cutoff Road/Eastwood Road interchange (U-5710) is programmed in the revised draft 2024-2033 State Transportation Improvement Program for Right of Way in FY 2023 and Construction in FY 2025.

MPO and NCDOT staffs have reviewed this request and identified the following potential project swap:

**U-5710 (Military Cutoff Road/Eastwood Road interchange):** Move from Right of Way in 2023 and Construction in 2025 to Funded for Preliminary Engineering (PE) only. This would require the project to recompile in Prioritization 7.0.

**U-5704 (College Road and Oleander Drive):** Move from Funded for PE only to Right of Way in 2024 and Construction in 2026.

The Military Cutoff Road/Eastwood Road interchange is funded in the amount of \$66.4 million and College Road/Oleander Drive intersection improvements are funded in the amount of \$37.7 million. Both projects are funded in the statewide tier. If the project swap is approved, the remaining \$28.7 million would be used to rebalance the STIP.

**From:** [Hite, Katie E](#)  
**To:** [Mike Kozlosky](#)  
**Cc:** [Kimes, D. Chad](#); [Cox, Adrienne M](#)  
**Subject:** U-5710A  
**Date:** Tuesday, November 22, 2022 8:12:17 AM  
**Attachments:** [image001.png](#)

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Good morning, Mike:

At the October 2022 WMPO board meeting, there was discussion regarding the longevity of the improvements included as part of U-5710A. NCDOT Division 3 agreed to evaluate future impacts to determine an anticipated failure year of the project without additional improvements to the network, as well as a 20-year projected (2042) scenario. Volumes were derived from the original 2015 traffic forecast and the CenterPoint development. A summary of the findings are as follows:

- 2032 – First year of unacceptable Level of Service (LOS) E anticipated within the study area with full movement at the intersection of Military Cutoff Road and Eastwood Road
- 2035 – First year of unacceptable Level of Service (LOS) E anticipated within the study area with restricted mainline left-turns along Eastwood Road at the intersection of Military Cutoff Road and Eastwood Road. These left turns are rerouted onto the new Drysdale Drive.
- 2042 – Unacceptable Level of Service (LOS) F that also restricts the mainline left-turns as described above. Additional lanes and improvements (primarily along Military Cutoff Road) are needed to operate acceptably. This would result in additional impacts and would likely offset the cost savings from constructing an at-grade option only.

A new project specific forecast (build out year 2045) is anticipated in late December and these conditions could be re-evaluated at that time with the new, adjusted volumes, as needed.

Let me know if you have any questions. Thank you!

**Katie Hite, PE, PTOE**  
Division Project Development Engineer  
Division 3  
NCDOT – Division of Highways

910 341 2000 office  
910 604 0249 mobile  
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5501 Barbados Boulevard  
Castle Hayne, NC 28429-5647



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Focus Area	Action Steps	Participants	Timeline	Accomplishments
Focus Area: Improve Safety				
	Adopt Safety Performance Measures and track the measure to determine performance	MPO, NCDOT	Annually/December 22	Will adopt FY 23 targets in November and dashboard was completed in October
	Implement Traffic Separation Study	NCDOT	Begin April 22	NCDOT continues to develop the design for these improvements. MPO has provided design comments. NCDOT to start construction Spring 2023
	Support members desires to apply for Vision Zero and Safe Streets for All People	MPO, MPO members	On-going/December 22	Town of Leland applied for FY 22 grant and if awarded the MPO will assist the Town in this effort. MPO to apply for FY 23 SS4A grant
Focus Area: Multi-modal Focus				
	Support the completion of the Wilmington Multi-modal Transportation Center Phase 1B	MPO, City, NCDOT	August-23	Construction was delayed and began in August and anticipated to be complete in July 2023. The Board has been updated on the status and updates are included in MPO monthly update.
	Encourage and provide funding for walking, biking, public transportation and ferry system through the MPO's Direct Attributable Program (Update the DA Program scoring criteria)	MPO	October-22	MPO updated DA scoring criteria. DA funds were awarded based on the updated scoring criteria in October
Focus Area: Regionally Focused				
	Educate WMPO members on the services and programs provided by the MPO (complete the MPO's Direct Attributable Funding Training)	MPO, MPO members	November-22	Training on DA program will be held in December.
	Work collaboratively with our members (complete the Navassa Bike/Ped Plan, Navassa Collector Street Plan, and Kure Beach Bike/Ped Plan and develop Pender Bike/Ped Plan and start 2050 Plan)	MPO, Kure Beach, Navassa, and Pender	On-going/December 22	Completed the Navassa Collector Street Plan and Kure Beach Bicycle and Pedestrian Plan. Developing Walk Wilmington Pedestrian Plan Update along with Pender Bike/Pedestrian Plan. Updates are contained within the MPO's monthly updates.2050 MTP plan in development with proposed changes presented to the Board in October.
Focus Area: Economic Development				
	Support the NC State Ports Authority in their efforts to expand and enhance operations (Support Ports grant opportunities and work to further the new North Gate, South Front Street, Rail re-alignment, US 74 upgrades to Wilmington and Cape Fear Memorial Bridge upgrade)	WMPO, NCSPA	Ongoing/December 22	MPO Board supported the NC Ports RAISE, INFRA, and PID grants for new intermodal facility. Discussions/Efforts to advance South Front Street Widening and replacement of the Cape Fear Memorial Bridge.
Focus Area: More Organized, Vocal and Cohesive Voice				
	Develop and adopt a Legislative Agenda	WMPO	March-22	2022 Legislative Agenda Approved
Focus Area: Organizational and Operational Effectiveness				
	Enhance the use of Technology to improve operations	WMPO	On-going/December 22	Implemented work from home/flexible work schedule for MPO staff
	Complete the Compensation Study	WMPO	March-22	Compensation Study Completed
	Continue Regular Updates from transportation leaders	WMPO, ILM, NCSPA, WAVE, NCDOT, etc.	On-going/December 22	Regular Updates provided to the Board from August to November by MPO partners

**WILMINGTON URBAN AREA  
MPO  
November 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 continued through mid-August. Ongoing during the outreach process were several in-person survey opportunities targeted to gather input from traditionally underserved communities. Just over 1,000 survey responses were received and used by Alta as a framework to guide the development of project and policy recommendations. The Walk Wilmington Steering Committee reviewed the draft priority areas identified through this framework during its September 27th meeting. Alta is actively incorporating the Committee's comments and finalizing the draft plan.

**Project Status and Next Steps:**

- Draft plan anticipated for release to City staff and Steering Committee in early November 2022.
- Draft plan public comment period to be held December 2022 – January 2023
- Final plan presentation to City Council in February or March 2023

**PENDER COUNTY BICYCLE AND PEDESTRIAN PLAN**

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

**Project Status and Next Steps:**

- Consultant has begun work on existing conditions and assessment of the bicycle and pedestrian network
- Public engagement Phase 1 is anticipated to begin in November 2022
- Plan completion by June 2023

**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: 13 reviews
- New Hanover County Informal Plan Reviews: 3 reviews



- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 2 reviews
- Town of Leland Formal Reviews: 8 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: 3 reviews
- Town of Carolina Beach Concept Reviews: 0 review
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 3 reviews
- Pender County Informal Reviews: 1 review
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 64 reviews (10 new, 54 on-going)
- City of Wilmington Informal Reviews: 18 reviews (4 new, 14 on-going) –
- City of Wilmington Concept Reviews: 1 review(s) (1 new, 0 on-going)
- City of Wilmington Full Releases: 2
- TIA Reviews: 35 total active (25 under review; 3 approved; 7 new)
  - New Hanover County 8 (1 new, 7 under review, 0 approved),
  - City of Wilmington 11, (2 new, 9 under review, 0 approved),
  - Carolina Beach 0,
  - Town of Belville 0,
  - Town of Leland 6, (3 new, 2 under review, 1 approved),
  - Town of Navassa 1, (1 approved),
  - Pender County 7 (1 new, 5 under review, 1 approved) and
  - Brunswick County 2, (0 new, 2 under review)

**STBGP-DA/TASA-DA/CRRSAA**  
**FY2013 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 – June 2023
- Begin Construction – October 2023
- Construction Complete- July 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 January 25, 2022.
- Project closeout is underway.
- Complete Project Closeout – Fall 2022

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

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

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

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

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

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

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

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

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

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

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

- Construction commenced February 8, 2021
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

#### **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
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

#### **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
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

#### **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 21<sup>st</sup>
- Submitted Change Request for CON Auth on October 13<sup>th</sup>
- Submitted required Environmental Consultation & NCDOT submitted the Construction Auth/funding request on October 25<sup>th</sup>
- Construction Funding/Auth Pending FHWA approval
- Readvertise with EB-6028 in Winter 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

#### **U-6233 CAROLINA BEACH HAMLET AVENUE/ US 421 TRAFFIC SIGNAL**

**Project Description/Scope:** installation of traffic signal with pedestrian infrastructure at the intersection of Hamlet Avenue and US 421 in the Town of Carolina Beach

- The signal plans have been finalized.
- The construction WBS was amended in October by the Board of Transportation
- Tentative construction starts in mid-year 2023

#### **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
- Contractor submitted a revised construction schedule and has mobilized on site
- September 12, 2022, building permit issued
- Right of Way permit requests are in review
- Ongoing demolition of site, cleaning of the exterior walls, and investigation of stabilization of the brick

#### **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 February 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 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 RFLOI to NCDOT requalified engineering firms with a response deadline of June 8, 2022
- Responses to RFLOI under review 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 Kimley Horne for Scope of Services and Project Engineer Design Estimate.
- Phone conference held on September 28, 2022, to go over the proposed submittal.
- The Town has uploaded documentation via EBS portal for review and approval.

## **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 has selected an on-call engineering consultant (WSP) to perform design and engineering. A scope and fee have been agreed upon and approved by NCDOT.
- Award of contract by City Council on September 6, 2022, City Council Meeting.
- Notice to proceed issued on October 2, 2022.
- WSP is completing aerial survey processing (from previously collected data) and beginning initial design.
- WSP is coordinating meetings with critical stakeholders.
- 25% plans due by November 24, 2022
- Public involvement planned for January 2023.

### **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 August 2022
- Request for PE Authorization in September 2022
- Request for Letters of Interest to be sent in September 2022
- PE firm selection anticipated December 2022

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

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

**Project Status and Next Steps:**

- Agreement executed with NCDOT on May 24, 2022
- Scope and Fee submitted to NCDOT on September 16, 2022
- Change Request for PE Authorization submitted to NCDOT on September 21, 2022, awaiting authorization
- Request to use RS&H (COW On-Call) approved by NCDOT on October 10, 2022
- NCDOT approved the scope and fee on November 2, 2022

**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 RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

**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 RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

**EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY**

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

**Project Status and Next Steps:**

- Comments received from CFPWA indicate conflicts with utilities that will require design adjustments
- Right of way acquisition continuing (2 remaining, dependent on water/sewer changes needed)
- NCDOT issued notice of Construction Authorization on April 12, 2022.
- Level A SUE completed, and results have been reviewed.
- SEPI to begin supplemental utility design based on SUE results. Anticipate 90 days for design completion.

**EB-6028 —CITY OF WILMINGTON- 21<sup>ST</sup> STREET/MARKET HAWK SIGNAL**

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

**Project Status and Next Steps:**

- NCDOT has approved the 100% project plans
- Preparation of bid documents is underway
- Project approved by NCDOT on September 30, 2022
- Project to be bid with U-5534Q (College Rd @ Holly Tree Pedestrian Crossing).

**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:**

- Town Council has requested to cancel this project.
- NCDOT to process request with WMPO concurrence.

**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
- Begun 15% roadway, traffic, and hydraulics design

**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
- This project pending flex funding approval and notification.

## **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. 2022 Commuter Challenge**

This year's Commuter Challenge took place from October 14th to October 30th. The Commuter Challenge encourages residents of the WMPO region to utilize alternative modes of transportation. Prizes are awarded to the highest-performing participants. This year we had 20 participants who collectively reduced Vehicle Miles Traveled by 5,000 miles, saved \$753 on gas, and walked/biked for 938 miles.

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

Go Coast utilized its social media presence to educate the public about New Hanover County's ¼ cent sales tax for transit referendum that was on the ballot for all county residents to decide on in November 2022. The referendum failed to garner enough support from the community on November 8<sup>th</sup>.

#### **3. Go Coast Meeting**

The next Go Coast meeting will occur on November 17, 2022, at 3 PM.





## **Cape Fear Public Transportation Authority**

### **November 2022 Project Updates**

#### **FIXED ROUTE SERVICE**

Wave Transit fixed route service ridership is up 6.2% in the fiscal first quarter compared to prior year. Ridership on regular service is up 6.6% and the UNCW shuttle service is up 4.7%. October is the ninth consecutive month of positive year over year increased ridership.

#### **RIDEMICRO MICROTRANSIT SERVICE**

Wilmington's Regional microtransit service, RideMICRO, continues to perform well. Zone 4 – New Hanover County North accounts for approximately 44% of RideMICRO ridership for current FY23, followed by Zone 3 – South New Hanover County at 29%.

#### **FY22 Ridership:**

1,999

#### **FY23 Ridership:**

Q1 – 3,898

#### **PARATRANSIT SERVICE**

Total paratransit ridership has increased in first quarter. Total trips are up 13.5%.

#### **CAPITAL PROJECTS**

A Passenger Amenities Improvement Plan is currently under development to prioritize passenger amenity improvements and additions at our highest use stops, stops that are at points of interest, and stops with the highest wait times. There are currently three projects underway to improve passenger amenities, including a newly STBGP awarded grant approved by the WMPO board on October 26th. Total installations for all projects will include 26 shelters and 19 benches over the next 12-24 months.

NOVEMBER WMPO PROJECTS IN DEVELOPMENT					
Project Manager	Contract Type	TIP	Description	County	SAP LET Date
Derek Pielech	DPOC	BP3-R004	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayetteville Road) (Previously 17BP.3.R.84)	Brunswick	1/26/2023
Derek Pielech	DPOC	BP3-R012 & 17BP.3.R.93	Replace Bridge 208 over Sturgeon Creek on SR 1472 (Village Road) in Brunswick County	Brunswick	7/3/2025
Derek Pielech	Raleigh	BR-0008	Replace Bridge 7 on US 17 over US 76	Brunswick	9/21/2027
Lydia	DPOC	I-6036	I-140 - US 17 to North of US 74 pavement rehab	Brunswick	9/19/2023
Lydia	DPOC	I-6038	I-140 from US 421 to US74/76. Pavement Rehabilitation	Brunswick	11/16/2028
Eric Murray	DPOC	U-5914	Widen NC 133 from US 17/74/76 to Old River Road	Brunswick	11/3/2022
Lydia	DPOC	I-6037	I-140 From US 421 to I-40. Pavment & Bridge Rehabilitation	New Hanover	2/15/2028
Rail Division	Rail	P-5740A	Wilmington Rail Rehabilitation, Curve Realignment and Upgrade Rail Bridges	New Hanover	12/1/2022
Rail Division	Rail	P-5740B	CSX SE Line Improvements to Hwy Grade Xings, Close & Improve Various Exisit. At-Grade Crossings	New Hanover	6/27/2023
Rail Division	Rail	P-5740C	CSX SE Line Installation of Railroad Grade Crossing Signals and Gates at Various At-Grade Crossings	New Hanover	6/30/2023
Krista Kimmel	DDRL	U-3338C	Kerr Ave Interchange at MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	U-4434	Independence Boulevard Extension	New Hanover	6/20/2028
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
Mike Bass	DDRL	U-5710	US 74 (Eastwood Road) at US 17 (Military Cutoff Rd)	New Hanover	9/16/2025
Brian Harding	DDRL	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	7/18/2028
Brian Harding	DDRL	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	5/16/2028
Trace Howell	DDRL	U-5792	MLK at College	New Hanover	6/16/2026
Krista Kimmel	DDRL	U-5926	New Route from 23rd St to 26th St	New Hanover	3/31/2024
Brian Harding	DDRL	U-5954	NC 133 at 23rd Street Roundabout	New Hanover	6/15/2027
Brian Harding	DDRL	U-6202	Widen Gordon Road to 4 lanes from US 17 Market St to I-40	New Hanover	6/18/2024
Eric Murray	DPOC	W-5703C	Monkey Junction Pedestrian Improvements	New Hanover	3/21/2024
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
Trace Howell	DPOC	W-5703R	NC 132 (South College Road) and Braggs Drive offset lefts	New Hanover	9/15/2022
David Leonard	DPOC	W-5803A	Upgrade Pedestrian & Traffic Signals and Revise Median Islands at US 74 (Eastwood Road) at US 17 (Military Cutoff Road) and US 74	New Hanover	1/31/2023
Lydia	DDRL	I-6039	1-40 Pavement rehab from Milemarker 420 to NC 210	New Hanover & Pender	6/20/2023
Trace Howell	DDRL	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Road to NC 210)	New Hanover & Pender	9/15/2026
Derek Pielech	DPOC	B-5653	Pender 14 on NC 133 over Turkey Creek	Pender	1/28/2026
Trace Howell	DDRL	U-5731	Hampstead Median: US 17 from SR 1582 (Washington Acres Road) to Vista Lane	Pender	5/16/2028
David Leonard	DPOC	W-5803B	Install Rumble Strips on US 17 Between New Hanover/Pender County Line and Mile Post 19.30 in Onslow County	Pender & Onslow	10/20/2022

Update provided: 11/02/22

PO: WMPO

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

NOVEMBER WMPO PROJECTS UNDER CONSTRUCTION						
Contract Number	Resident	TIP/WBS/Work Order	County	Description	Estimated Completion	Percent Complete
C204331	Joshua Pratt	15BPR.19	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	14.26%
DC00249	Joshua Pratt	B-4590	New Hanover	Bridge #29 over Smith Creek	10/11/2023	46.86%
C204629	Joshua Pratt	B-5624	Brunswick	Replace Bridge 57 on NC 211 Over Juniper Creek	12/12/2023	17.92%
C204623	Joshua Pratt	B-5642	Brunswick	Replace Bridge 65 on NC 87 Over Hood Creek	5/29/2023	76.13%
C204301	Joshua Pratt	N/A	New Hanover	New Hanover #48 and #49 on I-40E & I-40 W/NE Substructure Repairs	11/15/2022	31.77%
DC00300	Brian Groves	R-2633BA(L)	Brunswick	Navassa Landscape Enhancement	12/15/2022	92.25%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (Hampstead Bypass) from South of NC 210 to North of SR 1563 (Sloop Point Road)	3/14/2027	12.25%
DC00331	David Sawyer	R-5783E, R-5783F	Brunswick, Duplin, New Hanover, Onslow, Pender and Sampson	Division Wide ADA Curb Ramp Updates	12/31/2022	30.74%
C203980	Joshua Pratt	U-4751	New Hanover	Military Cutoff Road Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	7/6/2023	80.58%
C204319	Joshua Pratt	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	9/17/2023	54.38%
C204747	Joshua Pratt	U-5710A	New Hanover	Drysdale Drive Extension from Military Cutoff Road at Drydale to US 74	1/28/2025	7.33%
DC00309	Daniel Waugh	N/A	New Hanover	ILM Landscape Improvement	TBD	84.44%

NOVEMBER WMPO RESURFACING PROJECTS					
Contract Number	Contract Year	County	Routes	Estimated Completion Date	Percent Complete
C204409	2021	Brunswick	1 Section of US-17, US-74/76, And NC-130; and 11 Sections of Secondary Roads	10/1/2022	93.75%
DC00294	2021	New Hanover	New Hanover County Resurfacing	9/30/2022	76.27%
DC00304	2021	Brunswick	US 17, NC 904 & Various Secondary Roads	8/15/2022	83.40%
DC00311	2022	New Hanover	Market Street, 3rd Street, Independence Blvd, and patching on 16th & 17th Streets	9/29/2023	8.91%
DC00325	2022	Brunswick	Brunswick Resurfacing B (3/16/2022 Availability Date)	5/18/2023	86.54%
DC00327	2022	New Hanover	New Hanover County Resurfacing (1/06/2022 Availability Date)	4/28/2023	88.87%
DC00344	2023	Brunswick and New Hanover	Brunswick and New Hanover county resurfacing, various secondary routes	6/16/2023	0.00%

Go!NC Portal for public information: HMIP (Highway Maintenance Improvement Program) GIS maps

<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=cceae1d0cf870473fb7d35294acb6b71c>



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

November 2022

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

NOVEMBER TPD UPDATES WILMINGTON MPO

NOVEMBER 2022

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

**Brunswick County Comprehensive Transportation Plan (CTP):** The Brunswick County CTP was paused from January through August of this year. The CTP has resumed, data has been updated, and the CTP is going through another round of internal management reviews. After the internal reviews are completed, the CTP engineer will meet with the CTP Steering Committee members to update their councils and boards as well as to start public involvement sessions.

**Wilmington Model:** The 2050 Travel Demand Model (TDM) work started on 3/1/2022. The TDM is being developed for the next Wilmington MTP. Currently the engineer and modeler are working on updating the network, TAZs, and adding new area. The MPO has verified a lot of the data and provided materials and input for employment, population, CO data, network, etc. Currently the MPO is working on College/University data and will provide that in the following weeks.

**Additional information:** According to the US Census Bureau, the final urban areas based on 2020 Census will be announced in December of 2022. Refer to their [website](#) for additional information on the release schedule.

**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.driveNC.gov) | [North Carolina Traffic & Travel Information](#)
- Report a pothole—[NCDOT Contact Us Form](#)

*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: State Transportation Improvement Program— [ncdot.gov/sti](http://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 \(ncdot.gov\)](http://ncdot.gov/traffic-survey-group)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](http://ncdot.gov/interactive-traffic-volume-map)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](http://ncdot.gov/traffic-safety-data-engineering)

### **NCDOT Statewide Plans:**

To learn more, click on the following links:

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