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

### **Technical Coordinating Committee Meeting Agenda**

**TO:** Technical Coordinating Committee Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** March 10, 2022  
**SUBJECT:** March 16<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, March 16<sup>th</sup> at 10 am. This meeting will be held in the 4th Floor Technology Conference Room located at 305 Chestnut Street in downtown Wilmington. Due to COVID-19, the meeting is being conducted remotely. **PLEASE NOTE:** This will be a remote meeting conducted pursuant to N.C.G.S. sec. 166A-19.24.

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

<https://us06web.zoom.us/j/86755841388?pwd=L3ZiWE5vTkxmR2EzTkIhQktvQi9yQT09>

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

Meeting ID: 867 5584 1388

Passcode: 158784

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Consent Agenda
  - a. Approval of TCC Meeting Minutes- February 9, 2022
  - b. Resolution approving 2020-2029 STIP/MPO Amendments #22-1 and #22-2
  - c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-2
  - d. Resolution approving the FY 23 Unified Planning Work Program for the Wilmington Urban Area Metropolitan Planning Organization
  - e. Resolution certifying the Wilmington Urban Area Metropolitan Planning Organization's Transportation Planning Process

### **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

- 
- f. Resolution supporting the City of Wilmington's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant
    - g. Resolution supporting Pender County's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant
  - 4) Regular Agenda
    - a. Resolution approving Amendment #3 to the FY 22 Unified Planning Work Program
  - 5) Discussion
    - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-3
    - b. Wilmington Multi-modal Transportation Center Phase 1B
    - c. 2022 Legislative Agenda
  - 6) Updates
    - a. Wilmington Urban Area MPO
    - b. Cape Fear Public Transportation Authority
    - c. NCDOT Division
    - d. NCDOT Transportation Planning Division
  - 7) Announcements
    - a. Wilmington MPO Bike/Pedestrian Committee- April 12<sup>th</sup>
  - 8) Next meeting- April 13, 2022

**Attachments:**

- TCC Meeting Minutes- February 9, 2022
- Proposed 2020-2029 STIP/MPO Amendments #22-1
- Proposed 2020-2029 STIP/MPO Amendments #22-2
- Resolution approving 2020-2029 STIP/MPO Amendments #22-1 and #22-2
- Proposed 2020-2029 STIP/MPO Administrative Modification #22-2
- Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-2
- Draft FY 23 Unified Planning Work Program
- Resolution approving the FY 23 Unified Planning Work Program for the Wilmington Urban Area Metropolitan Planning Organization
- Resolution certifying the Wilmington Urban Area Metropolitan Planning Organization's Transportation Planning Process
- Resolution supporting the City of Wilmington's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant
- Resolution supporting Pender County's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant
- Proposed Amendment #3 to the FY 22 Unified Planning Work Program
- Resolution approving Amendment #3 to the FY 22 Unified Planning Work Program
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-3
- Draft 2022 Legislative Agenda
- Wilmington Urban Area MPO Update (March)
- Cape Fear Public Transportation Authority Update (March)
- NCDOT Division Project Update (March)
- NCDOT Transportation Planning Division Project Update (March)

**Wilmington Urban Area MPO  
Technical Coordinating Committee  
Wednesday, February 9, 2022  
Remote Meeting Minutes**

**Members Present**

Stephanie Ayers, NC State Ports Authority  
Claudia Bray, Town of Navassa  
Helen Bunch, Brunswick County  
Nick Cannon, MPO Go Coast Program  
Patrick Flanagan, Cape Fear Council of Governments  
Adrienne Harrington, Town of Belville  
Paula Kempton, Town of Carolina Beach  
Matt Kirkland, Town of Leland  
Mike Kozlosky, WMPO  
Vanessa Lacer, Pender County  
Marty Little, New Hanover County  
Caitlin Marks, NCDOT Division of Highways  
Megan Matheny, Cape Fear Public Transportation Authority  
Robert O'Quinn, Town of Wrightsville Beach  
Mandy Sanders, Town of Kure Beach  
Nazia Sarder, NCDOT Transportation Planning Branch  
Denys Vielkanowitz, City of Wilmington

**Members Absent**

Granseur Dick, Wilmington International Airport

**Others Present**

Cheryl Hannah, HDR  
David Hursey  
Regina Hopkins, WMPO  
Scott James, WMPO  
Jamar Johnson, WMPO  
Sean Kane  
Abby Lorenzo, WMPO  
Rachel McIntyre, WMPO  
Marie Parker, Cape Fear Public Transportation Authority

**1) Call to Order**

Mr. Kozlosky called the remote meeting to order at 10:00 a.m. and took the roll call pursuant to N.C.G.S. Sec. 166A-19.24. A quorum was present, as follows:

**Present:** Stephanie Ayers, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Absent:** Claudia Bray and Granseur Dick.

**2) Approval of the Agenda**

In response to an inquiry by Mr. Vielkanowitz, Mr. Kozlosky said that there is no attachment for Discussion Item 6b, FY 23 Unified Planning Work Program Development.

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

**Ayes:** Stephanie Ayers, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Claudia Bray and Granseur Dick.

**3) Presentation**

**a. North Carolina State Ports Authority Update- Stephanie Ayers, NC State Ports**

Stephanie Ayers gave an update on the NC State Ports Authority with seaports in Wilmington and Morehead City and an inland Port in Charlotte. She said that the NC State Ports Authority serves a variety of customers with container boxes, bulk, break bulk, and roll-on/roll-off commodities. She

noted that the Port of Wilmington is one of 15 strategic seaports of 300 Ports nationwide with Port planning orders to respond to military requests. She added that the Port is strategically located within 700 miles of 70% of the U.S. industrial base and, although a state agency, is a corporate body that pays its own salaries by the revenues it generates.

Ms. Ayers said the Port of Wilmington covers about 300 acres with 100 developable acres to the north of its terminal, and another 100 acres to the south, half of which recently went under lease to build cold storage warehouse capabilities, a potential investment in the tens of millions of dollars. She noted that the Port of Morehead City covers a smaller area of about 130 acres with an additional 150 acres on Radio Island and serves primarily bulk and break-bulk commodities.

Ms. Ayers said that the Port contributes to 87,000 jobs across the state, almost \$700 million in tax revenues and more than \$15 billion in economic output annually. She noted that fiscal year '21 ending June 30th, was a record year for the Ports with a 300% increase in refrigerated volumes over the last five years and a 200% growth in intermodal rail since 2017. She explained that much of the Port's strategic planning is about better serving the refrigerated market (pork, poultry, and sweet potatoes in North Carolina) and importing them for a balance in trade (container boxes in equaling container boxes out). The value proposition to customers is getting product to them as quickly as possible. She added that the Port has the best gate and vessel productivity on the east coast, if not the U.S., and was ranked #1 by the *Journal of Commerce* for overall productivity in 2019.

Ms. Ayers said that Port undertook a new strategic plan for 2021. She noted that high-level activities included the completion of the \$250 million-plus program to improve the infrastructure of its container yard and continuing its Wilmington harbor navigation program. She reiterated that refrigerated commodities and intermodal rail continue to be an important focus for the Port. She gave an overview of the \$250 million infrastructure investment plan, which includes the opening of the south gate on Monday, February 14th. She added that the Port is looking into deepening the Wilmington harbor navigation channel from 42 feet to 47 feet, which takes two acts of U.S. Congress – one to authorize the project, which had been secured, and the other to make an appropriation for it. The General Assembly recently set aside the required match for the appropriation in the budget.

Ms. Ayers said that in 2018 the Port completed a container yard expansion master plan to grow from a 350,000 TEU capacity to more than a million TEUs. The plan required new cranes, paving, a new dedicated intermodal yard and improvements to the south gate, which opens next week. She offered to take the committee on a tour. She noted that trucks need only stop at the security gate with radio frequency identification and optical character recognition that reads the numbers on the box and communicates where the driver needs to go on the terminal to pick up or drop off.

Ms. Ayers said the Port has already built the first phase (\$14 million) of its refrigerated container yard, where containers are now stacked on racks instead of lying on the ground. Phase two will add 720 plugs for refrigerated containers is another container area. She added that the Queen City Express, the intermodal rail service that moves containers from the Port of Wilmington to Charlotte and back, has allowed the Port of Wilmington to grow its container service, since container carriers need access to intermodal rail to move boxes further inland. CCX opened and the Mid-west Express has started shipping boxes to Chicago via the CCX in Rocky Mount.

Ms. Ayers said that in 2021, the Port of Morehead City was awarded a \$1.7 million U.S. DOT grant towards a \$2.1 million project to replace rail on Radio Island, and, in 2020, the Port of Wilmington was

awarded a grant. Currently, a grant application is in progress to fund a \$25 million project for the last of the container yard improvements at the Port of Wilmington to build a dedicated intermodal rail facility to accommodate its growing container rail volume. She added that transportation priorities include a new north gate at Greenfield Street, improving U.S. 74 between Wilmington and Charlotte, South Front Street and Carolina Beach Road widening including a Burnett Boulevard intersection improvement, and the Cape Fear Memorial Bridge replacement project.

Mr. Kozlosky pointed out that there is a resolution for consideration on today's agenda to support the RAISE, INFRA and PID grant applications to fund the new intermodal facility at the Port of Wilmington.

In response to an inquiry by Mr. Vielkanowitz regarding the long-range rail realignment project, Ms. Ayers said that Mr. Parsley gives regular updates to the Port. She noted that the improvements to the intermodal yard would be inside the Port terminal in a specific 10-acre area and would not impact the rail realignment. Currently the intermodal area is not dedicated and is mixed in with tenants and truck parking. She explained that container boxes leaving the Port are required by U.S. Customs and Border Protection to go through radiation Portals to check for radiation. She added that the radiation Portal is currently located outside the security gate and would be moved to the dedicated intermodal yard within the 10-acre area.

4) **Consent Agenda**

- a. **Approval of TCC Meeting Minutes- January 12, 2022**
- b. **Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-1**
- c. **Opening of the 30-day public comment period for 2020-2029 STIP/MPO Transportation Improvement Program Amendment #22-2**

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

**Ayes:** Stephanie Ayers, Claudia Bray, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

**Absent:** Granseur Dick.

5) **Regular Agenda**

- a. **Resolution supporting the North Carolina State Ports Authority Grant Applications for the US DOT FY 22 Rebuilding American Infrastructure with Sustainability and Equity (RAISE), Infrastructure for Rebuilding America (INFRA), and Port Infrastructure Development (PID) grant programs to fund a new Intermodal Terminal Facility at the Port of Wilmington**

Mr. Kozlosky noted that this is the item Ms. Ayers discussed in her presentation.

Mr. Vielkanowitz pointed out an autocorrect error on the second page, second paragraph regarding the PID acronym.

Ms. Lacer made a motion to support the Ports' grant applications, and to forward the committee's recommendation to the MPO Board for consideration.

Ms. Matheny seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Stephanie Ayers, Claudia Bray, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Granseur Dick.

**b. Resolution Supporting the Allocation of Additional Direct Attributable Funds to the City of Wilmington for the Hooker Road Multi-use Path (U-5534G), Hinton Road Multi-use Path (U-5534H), and Wrightsville Avenue/Greenville Avenue Intersection Improvement (U-5534C) Projects**

Mr. Kozlosky said that the in 2013 and 2014 the City of Wilmington applied to the MPO for the three projects referenced in this resolution. In January of 2022, the city adopted a resolution requesting additional funding for these projects in the amount of \$2.4 million and committing the required match of 20% or \$600,000 to these projects. He noted that the additional funding would allow the projects, which are in right-of-way acquisition or completing design, to move forward. He noted that the funds would need to come from the current fiscal year and would leave a balance of slightly more than \$1.7 million in Direct Attributable (DA) funding.

Additionally, Mr. Kozlosky said that the MPO received a bid for the building at 525 North 4<sup>th</sup> Street, a project also funded by the DA program, which will need an additional \$1.7 to \$1.8 million and be a topic for discussion by the MPO Board. He pointed out that if the additional funds are approved, it would deplete the DA account.

Ms. Ayers inquired if any of the other jurisdictions have a need for DA funding. Mr. Kozlosky responded that the MPO Board first needs to give direction on these considerations before it is known how much funding will be available. He noted that Mr. James will give an update on FY23 DA project scoring criteria. He pointed out that these projects have been around for a while and are a priority of the city. He added that staff recommends moving this resolution forward for approval.

In response to an inquiry by Mr. Cannon, Mr. Kozlosky clarified that the current DA funds were deposited into the MPO account in October.

In response to an inquiry by Mr. Vielkanowitz, Mr. Kozlosky confirmed that Project U-5534C, to realign the intersection and install sidewalks, would implement the desired improvements at that location.

Ms. Ayers made a motion to support the allocation of additional DA funds to the city, and to forward the recommendation to the MPO Board for consideration. Mr. Kirkland seconded the motion, and it carried unanimously by roll call as follows:

**Ayes:** Stephanie Ayers, Claudia Bray, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Granseur Dick.

**6) Discussion**

**a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-2**

Mr. Kozlosky said that this item is for informational purposes only and will be brought back for the TCC to consider at the next meeting.

**b. FY 23 Unified Planning Work Program Development**

MPO Senior Accountant Regina Hopkins explained that draft #2 of the UPWP was necessary because the 5303 grant was enhanced by \$3.5 million statewide and was allocated for expenditure over two years. She said that the application must reflect the full amount of \$194,000 and that it will not increase the funding allocation or the local match. She added that the MPO will budget \$143,000 in FY23 and the remainder will be set aside for FY24.

Mr. Kozlosky reiterated that the local match would not be impacted.

Mr. Vielkanowitz inquired about the \$98,000 for mapping indicated in the UPWP. Ms. Hopkins responded that it's for the GIS Analyst's staff time and an intern to assist with GIS.

**c. Direct Attributable Scoring Criteria**

Mr. Kozlosky said that if the Board approves additional funding for the Hooker/Hinton project, there would be some remaining DA funds in the account. He reiterated that the Board will discuss options for the building project such as removing components of the design or additional funding. He added that any balance would necessitate a discussion on the DA scoring criteria.

Mr. James said this is a continuation of the discussion on the DA scoring criteria. He noted that the current score total is 83 points, with most points focused on congestion and mobility – traditional traffic engineering metrics. Six of the seven applications for the COVID call for projects using a similar methodology were non-automotive projects, and two of the three applications for the prior DA call for projects using the current methodology were non-automotive. Both calls left points on the table, signifying a mismatch of what is being proposed and what is being evaluated by the current methodology. He pointed out that capacity improvement applications are in absence, possibly due to cost, replaced by numerous bicycle and pedestrian, recreational, and transit proposals.

Mr. James said that following the MPO Board discussion last month, staff proposes to increase the total point score to 100. The Board requested to increase the points for safety metrics and incentivize congestion management or capacity improvements with additional points and agreed with staff to add more nuanced metrics to the nonautomotive elements of the application. He added that staff intends to canvas the membership to get a better understanding of potential projects and past project opportunities so that the revised methodology reflects the goals of the Board and the project mix prevalent in the MPO region.

Mr. Kozlosky asked for feedback on anticipated projects and any changes to the criteria. He noted that the training program for the process would be reinstituted as well.

In response to an inquiry by Mr. Kirkland, Mr. James clarified that the Board wants to know why there are so many nonautomotive proposals and why are there no proposals for capacity improvements, and staff wants to better evaluate the proposals it receives. He noted that the Board is interested in incentivizing projects that address congestion and improve access and mobility to maintain its degree of incentive in the ranking, while increasing the points for safety.

Mr. James reminded the committee member that he would also reach out to them after today's meeting for feedback.

7) **Updates**

- a. **Wilmington Urban Area MPO**
- b. **Cape Fear Public Transportation Authority**
- c. **NCDOT Division**
- d. **NCDOT Transportation Planning Division**

Mr. Kozlosky stated that the updates are included in the agenda packet. He noted that he sent an email yesterday regarding Wave Transit's application for a MOBI award. He encouraged members to vote and added voting is open daily until February 25th.

Ms. Matheny said that Wave's application is for its tri-county micro-transit initiative, Ride Micro, which is 100% funded by NCDOT for one year. She noted that the Transit Authority has applied for a second year of funding, which is currently under review by NCDOT. She added that an app was launched mid-January for customers to book, pay for and locate transportation.

Mr. Kozlosky said that NCDOT will be undertaking some environmental justice outreach regarding the Independence Boulevard extension from February 22nd through February 25th. He added that NCDOT will hold an event at the Davis Center at Maides Park on February 26th from 12:00 noon to 3:00 p.m.

8) **Announcements**

- a. **Wilmington MPO Bike/Pedestrian Committee- February 8th**
- b. **Go Coast TDM Committee- February 17th**
- c. **Next TCC meeting- March 16th**

9) **Adjournment**

There being no further business, Ms. Ayers made a motion to adjourn the meeting, seconded by Mr. Kirkland, and meeting was adjourned at 10:52 a.m. by roll call as follows:

**Ayes:** Stephanie Ayers, Claudia Bray, Helen Bunch, Nick Cannon, Patrick Flanagan, Adrienne Harrington, Paula Kempton, Matt Kirkland, Mike Kozlosky, Vanessa Lacer, Marty Little, Caitlin Marks, Megan Matheny, Robert O'Quinn, Mandy Sanders, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

**Absent:** Granseur Dick.

**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 #22-1  
(December 2021)**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP ADDITIONS**

* BL-0045 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WILMINGTON, WILMINGTON RAIL TRAIL. CONSTRUCT MULTI-USE PATH FROM 3RD STREET IN DOWNTOWN WILMINGTON TO THE LOVE GROVE BRIDGE MULTI- USE PATH FACILITY.	ENGINEERING	FY 2022 - \$680,000 (BGDACY)
<u><b>ADD PROJECT AT THE REQUEST OF THE MPO.</b></u>				

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-2  
(January 2022)

STATEWIDE PROJECT

STIP ADDITIONS

RC-2000 - STATEWIDE PROJECT  
STATEWIDE  
PROJ.CATEGORY  
STATEWIDE

VARIOUS, TRAFFIC SEPARATION STUDY  
IMPLEMENTATION AND CLOSURES PROGRAM  
ADMINISTRATION

ADD NEW PROJECT FOR PLANNING ONLY AT THE  
REQUEST OF THE RAIL DIVISION.

RX-2000 - STATEWIDE PROJECT  
STATEWIDE  
PROJ.CATEGORY  
STATEWIDE

VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY  
IMPROVEMENTS PROGRAM ADMINISTRATION.

ADD NEW PROJECT FOR PLANNING ONLY AT THE  
REQUEST OF THE RAIL DIVISION.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING AMENDMENTS #22-1 AND #22-2 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 amend the adopted 2020-2029 State/MPO Transportation Improvement Programs for Amendments #22-1 and #22-2; and

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

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2020-2029 State/MPO Transportation Improvement Programs for Amendments #22-1 and #22-2.

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

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary

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

## STIP/MPO TIP Modification #22-2 (January 2022)

### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

#### STIP MODIFICATIONS

* EB-5600 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1219 (SOUTH 17TH STREET), HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI- USE PATH.	ENGINEERING	FY 2022 - \$120,000 (BGANY) FY 2022 - \$30,000 (L) FY 2022 - \$24,000 (BGANY) FY 2022 - \$6,000 (L) FY 2022 - \$590,000 (BGANY) FY 2022 - \$148,000 (L) \$918,000
		<u>ADD PRELIMINARY ENGINEERING IN FY 22 AND RIGHT OF-WAY IN FY 22 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	
EB-6029 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CLARENDON AVENUE, CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).	CONSTRUCTION	FY 2023 - \$516,000 (TADA) FY 2023 - \$129,000 (L) \$645,000
		<u>TO MATCH THE LATEST SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>		
HO-0002D ANSON BRUNSWICK COLUMBUS RICHMOND ROBESON SCOTLAND UNION PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74, EASTERN END OF MONROE BYPASS TO I-140 IN WILMINGTON. VULNERABILITY ASSESSMENTS, INSTALLATION OF FLOOD GAUGES, AND FLOOD MONITORING.	ENGINEERING	FY 2022 - \$1,760,000 (DP) FY 2022 - \$440,000 (T) \$2,200,000
	- CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION	<u>TO ADHERE TO FEDERAL GRANT SCHEDULE, MODIFY SCHEDULE FROM FY 23 TO FY 22. 'DP' REPRESENTS FEDERAL INFRA GRANT FUNDS.</u>		
* U-5534 BRUNSWICK NEW HANOVER PENDER PROJ.CATEGORY DIVISION	- CAPE FEAR RURAL PLANNING ORGANIZATION			
	- LUMBER RIVER RURAL PLANNING ORGANIZATION			
	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, WILMINGTON URBAN AREA MPO STP-DA PROGRAM.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$220,000 (BGDA) FY 2022 - \$1,762,000 (BGDA) FY 2022 - \$168,000 (BGDAV) FY 2022 - \$496,000 (L) FY 2023 - \$3,463,000 (BGDA) FY 2023 - \$866,000 (L) \$6,975,000
		<u>ADD RIGHT-OF-WAY IN FY 22 AND CONSTRUCTION IN FY 22 AND FY 23 NOT PREVIOUSLY PROGRAMMED.</u>		

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-2  
(January 2022)

STATEWIDE PROJECT

R-5753  
STATEWIDE  
PROJECT CATEGORY  
EXEMPT

- STATEWIDE PROJECT

STIP MODIFICATIONS

CONSTRUCTION

FY 2022 -	\$11,000,000	(FLTP)
FY 2023 -	\$11,200,000	(FLTP)
FY 2024 -	\$9,500,000	(FLTP)
FY 2025 -	\$1,000,000	(FLTP)
	<u>\$32,700,000</u>	

VARIOUS, FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP) AND EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS (ERFO), ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.

ADD FUNDING IN FY 23, FY 24, AND FY 25 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE FEDERAL HIGHWAY ADMINISTRATION.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #22-2 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 #22-2.

**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 #22-2.

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

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary



## **Unified Planning Work Program**

**Fiscal Year 2023**

**DRAFT**  
**March 30, 2022**

**FY 2023 UNIFIED PLANNING WORK PROGRAM  
for the  
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

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## **Introduction**

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a "cooperative, comprehensive, and continuing ....." transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2023. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

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

- Statewide Planning and Research Programs (SPR) - These funds are used by NCDOT to conduct work for the Wilmington Urban Area MPO.

- Federal Highway Administration Section 104(f) Funds - These funds are dedicated to the urban area to perform transportation planning. They require a 20% local match.

- Federal Transit Administration Section 5303 Funds - These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.

- Surface Transportation Block Grant-Direct Attributable Funds - These funds are dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. They require a 20% local match.

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

## **Narrative of PWP Section 104(f) Work Tasks to be Performed in FY 23**

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

### Line-Item Codes:

II-A-1 Traffic Volume Counts- Wilmington MPO staff maintains an ongoing traffic counting program. An annual summary of the urban area traffic counts and accident data will be prepared and uploaded to the WMPO website.

II-A-2 Vehicle Miles of Travel - No tasks foreseen.

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

II-A-4 Traffic - No tasks foreseen.

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

II-A-6 Dwelling Unit, Population, Employment Changes - Will measure land use changes by Transportation Analysis Zone between 2020 Census and travel demand model base year. Staff will provide capacity analysis for proposed developments within the Wilmington UrbanArea MPO's planning area boundary.

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

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

II-A-9 Travel Time Studies - Conduct key travel time studies for travel demand model and development of the Long-Range Transportation Plan.

II-A-10 Mapping - No tasks foreseen.

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

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

II-B-1 Collection of Base Year Data - No tasks foreseen.

II-B-2 Collection of Network Data - No tasks foreseen.

II-B-3 Travel Model Updates - In concert with the North Carolina Department of Transportation, MPO staff will assist in the development of the 2050 travel demand model.

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

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

II-B-6 Community Goals and Objectives - Monitor public input as it pertains to goals and objectives set forth in the adopted Metropolitan Transportation Plan. Implementation of the

Performance Measures from the Infrastructure Investment and Jobs Act.

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

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

II-B-9 Highway Element of Metropolitan Transportation Plan (MTP) - Identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies. Provide documentation of process and recommendations in the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

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

II-B-11 Bicycle and Pedestrian Element of the Metropolitan Transportation Plan - Identify bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies. Provide documentation of the process and recommendations in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

II-B-12 Airport/Air Travel Element of the Metropolitan Transportation Plan - Identify airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP.

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

II-B-14 Rail, Waterway and Other Elements of Metropolitan Transportation Plan - Identify rail and waterway deficiencies, priorities, and proposed rail and waterway improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP.

II-B-15 Freight Movement/Mobility Planning - Identification of freight movement deficiencies, priorities, and proposed improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

II-B-16 Financial Planning - Develop realistic, best estimates of funding sources available and project cost estimates throughout the forecast years for the MTP. Ensure fiscal constraint in the update of the MTP. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

II-B-17 Congestion Management Strategies - Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions, and transportation system management strategies. Evaluate

strategies developed for the Congestion Management Process. Document process and solutions in the update of the MTP and CMP reports. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

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

III-A Planning Work Program - Evaluation of FY 2023 PWP and development of FY 2024 PWP.

III-B Transportation Improvement Program - Review and amend the 2020-2029 Transportation Improvement Program on an as needed basis. Assist in the development of the 2023-2032 Transportation Improvement Program.

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

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

III-C-3 MBE Planning - Activities to encourage participation of minority-owned business enterprises in contractual and supply opportunities.

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

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

III-C-6 Public Involvement - Extensive Public Participation effort will be carried out to solicit input and gauge public input for planning studies within the Wilmington Urban Area MPO's planning area boundary. Outreach will be used in the development of the MTP 2050 Plan.

III-C-7 Private Sector Participation - Activities to encourage private sector participation in planning and project activities.

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

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

III-D-3 Special Studies - Time utilized by Planning Staff to manage two STBG-DA funded Special Studies performed by contracted consultants. Outside consultants will be contracted to assist in the Pender County Bike Ped Plan and MTP Development. Consultants have not yet been selected to perform these tasks.

- **Pender County Bike Ped Plan:**  
The purpose of the proposed Bicycle and Pedestrian plan is to develop recommendations for bicycle and pedestrian infrastructure and policies in southern Pender County. The plan will guide Pender County staff, the WMPO, and NCDOT in future development requirements and investment in effort to improve the lives of Pender County residents and visitors. The public benefits of bicycle and pedestrian

infrastructure include providing increased safety on roadways; reducing traffic congestion by providing mode choice; improving connectivity to existing bicycle routes in the planning area such as the East Coast Greenway; and promoting healthy and active living.

- 2050 MTP Outreach:

This special study will provide monetary resources to assist WMPO staff in public outreach activities for the development of the 2050 Metropolitan Transportation Plan. Public participation is crucial for the successful development and adoption of planning documents. In order to achieve this participation, outreach efforts beyond basic advertisements will likely be necessary. Examples include ads on social media, TV advertisements, etc.

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

III-E Management and Operations - Required ongoing administrative and operational tasks to support MPO committees and reporting requirements. The TDM Program is funded by STBG-DA and 5303 funds and included as a task under Management and Operations.

- TDM Program:

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

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,200
Section 5303 NCDOT 10%	2,200
Section 5303 FTA 80%	17,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	200
Section 5303 NCDOT 10%	200
Section 5303 FTA 80%	1,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	900
Section 5303 NCDOT 10%	900
Section 5303 FTA 80%	7,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	



MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the WilmingtonMPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	300
Section 5303 NCDOT 10%	300
Section 5303 FTA 80%	2,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	100
Section 5303 NCDOT 10%	100
Section 5303 FTA 80%	800
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	12,775
Section 5303 NCDOT 10%	12,774
Section 5303 FTA 80%	102,198
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations – TDM Program
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies. The MPO will implement Cape Fear Change in Motion 2020.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community. Implementation of strategies and of Cape Fear Change in Motion 2020.
Expected Completion Date of Products	June 2024 2 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA / WMPO
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,000
Section 5303 NCDOT 10%	1,000
Section 5303 FTA 80%	8,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

# Wilmington Urban Area Metropolitan Planning Organization FY2023 Unified Planning Work Program Adopted March 30, 2022

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL				STBGP-DA				SECTION 5303				TASK FUNDING SUMMARY			
		Highway / Transit			WBS #:	Highway / Transit			WBS #:	Transit / Highway			WBS #:	LOCAL	NCDOT	FEDERAL	TOTAL
		LOCAL 20%	FHWA 80%	Total 100%		LOCAL 20%	FHWA 80%	Total 100%		LOCAL 10%	NCDOT 10%	FTA 80%					
II-A	<b>SURVEILLANCE OF CHANGE</b>	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-1	Traffic Volume Counts	14,035	56,141	70,176		-	-	-		-	-	-		14,036	-	56,141	70,177
II-A-2	Vehicle Miles of Travel	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-3	Street Systems Changes	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-4	Traffic Accidents	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-5	Transit System Data	-	-	-		-	-	-		2,200	2,200	17,600		2,200	2,200	17,600	22,000
II-A-6	Dwelling Unit, Pop. & Emp. Change	800	3,200	4,000		-	-	-		-	-	-		800	-	3,200	4,000
II-A-7	Air Travel	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-8	Vehicle Occupancy Rates	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-9	Travel Time Studies	50	200	250		-	-	-		-	-	-		50	-	200	250
II-A-10	Mapping	-	-	-		19,635	78,538	98,173		-	-	-		19,635	-	78,538	98,173
II-A-11	Central Area Parking Inventory	-	-	-		-	-	-		-	-	-		-	-	-	-
II-A-12	Bike & Ped. Facilities Inventory	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B	<b>LONG RANGE TRANSPORTATION PLANNING</b>	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-1	Collection of Base Year Data	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-2	Collection of Network Data	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-3	Travel Model Updates	2,000	8,000	10,000		-	-	-		-	-	-		2,000	-	8,000	10,000
II-B-4	Travel Surveys	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-5	Forecast of Data to Horizon year	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-6	Community Goals & Objectives	1,000	4,000	5,000		-	-	-		200	200	1,600		1,200	200	5,600	7,000
II-B-7	Forecast of Future Travel Patterns	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-8	Capacity Deficiency Analysis	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-9	Highway Element of the LRP	4,800	19,200	24,000		-	-	-		-	-	-		4,800	-	19,200	24,000
II-B-10	Transit Element of the LRP	200	800	1,000		-	-	-		900	900	7,200		1,100	900	8,000	10,000
II-B-11	Bicycle & Ped. Element of the LRP	4,600	18,400	23,000		-	-	-		-	-	-		4,600	-	18,400	23,000
II-B-12	Airport/Air Travel Element of LRP	500	2,000	2,500		-	-	-		-	-	-		500	-	2,000	2,500
II-B-13	Collector Street Element of LRP	-	-	-		-	-	-		-	-	-		-	-	-	-
II-B-14	Rail, Water or other mode of LRP	500	2,000	2,500		-	-	-		-	-	-		500	-	2,000	2,500
II-B-15	Freight Movement/Mobility Planning	600	2,400	3,000		-	-	-		-	-	-		600	-	2,400	3,000
II-B-16	Financial Planning	400	1,600	2,000		-	-	-		800	800	6,400		1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	3,000	12,000	15,000		-	-	-		-	-	-		3,000	-	12,000	15,000
II-B-18	Air Qual. Planning/Conformity Anal.	-	-	-		-	-	-		-	-	-		-	-	-	-
III-A	<b>PLANNING WORK PROGRAM</b>	400	1,600	2,000		-	-	-		-	-	-		400	-	1,600	2,000
III-B	<b>TRANSPORTATION IMPROVEMENT PROGRAM</b>	1,000	4,000	5,000		-	-	-		-	-	-		1,000	-	4,000	5,000
III-C	<b>CAL RGTS, CMP, LOTR, REG. REQ.</b>	-	-	-		-	-	-		-	-	-		-	-	-	-
III-C-1	Title VI	100	400	500		-	-	-		300	300	2,400		-	-	2,800	3,500
III-C-2	Environmental Justice	400	1,600	2,000		-	-	-		-	-	-		400	-	1,600	2,000
III-C-3	Minority Business Enterprise	50	200	250		-	-	-		100	100	800		150	100	1,000	1,250
III-C-4	Planning for the Elderly & Disabled	50	200	250		-	-	-		-	-	-		50	-	200	250
III-C-5	Safety/Drug Control Planning	-	-	-		-	-	-		-	-	-		-	-	-	-
III-C-6	Public Involvement	4,000	16,000	20,000		-	-	-		800	800	6,400		4,800	800	22,400	28,000
III-C-7	Private Sector Participation	250	1,000	1,250		-	-	-		-	-	-		250	-	1,000	1,250
III-D	<b>INCIDENTAL PLNG./PROJECT DEV.</b>	-	-	-		-	-	-		-	-	-		-	-	-	-
III-D-1	Transportation Enhancement Plng.	-	-	-		-	-	-		-	-	-		-	-	-	-
III-D-2	Enviro. Analysis & Prev-TIP Plng.	100	400	500		-	-	-		-	-	-		100	-	400	500
III-D-3	Special Studies Start Time - Planning	2,000	8,000	10,000		-	-	-		-	-	-		2,000	-	8,000	10,000
III-D-3	Special Studies Start Time - Planner Co. Bike Ped Plan	-	-	-		19,000	76,000	95,000		-	-	-		19,000	-	76,000	95,000
III-D-3	Special Studies Consultant - MTP Development	-	-	-		3,000	12,000	15,000		-	-	-		3,000	-	12,000	15,000
III-D-4	Regional or Statewide Planning	500	2,000	2,500		-	-	-		-	-	-		500	-	2,000	2,500
III-E	<b>MANAGEMENT &amp; OPERATIONS</b>	48,540	194,559	243,199		110,064	440,257	550,321		12,775	12,774	102,198		171,479	12,774	737,014	921,267
III-E	Management & Operations Start Time - TDM Program	-	-	-		18,000	72,000	90,000		1,000	1,000	8,000		19,000	1,000	80,000	100,000
TOTALS		\$89,975	\$359,900	\$449,875		\$169,699	\$678,795	\$848,494		\$19,076	\$19,074	\$152,598		\$278,750	\$19,074	\$1,191,293	\$1,489,117

## STBG-DA Funded - Anticipated DBE Contracting Opportunities for FY 2023

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky Telephone Number: 910-342-2781

<b>Prospectus Task Code</b>	<b>ProspectusDescription</b>	<b>Name of Agency Contracting Out</b>	<b>Type of Contracting Opportunity (Consultant, etc.)</b>	<b>Federal Funds to be Contracted Out</b>	<b>Total Funds to be Contracted Out</b>
III-D-3	Special Studies: Pender County Bike Ped Plan	City of Wilmington	Consultant	\$76,000	\$95,000
III-D-3	Special Studies: Consultant for MTP Development	City of Wilmington	Consultant	\$12,000	\$15,000



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE FY 2023 UNIFIED PLANNING WORK PROGRAM  
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING  
ORGANIZATION**

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

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

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

**WHEREAS**, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2022-2023.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2022-2023 Planning Work Program for the Wilmington Urban Area.

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

\*\*\*\*\*

I, Hank Miller, Vice-Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 30th day of March, 2022.

\_\_\_\_\_  
Hank Miller, Vice-Chair

\*\*\*\*\*Subscribed and sworn to me this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

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

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

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

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

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

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

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

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 30th day of March 2022.

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE CITY OF WILMINGTON'S APPLICATION FOR THE  
NORTH CAROLINA EMERGENCY MANAGEMENT'S TRANSPORTATION  
INFRASTRUCTURE RESILIENCY FUND GRANT**

**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 Public Safety has released the transportation grants through the Emergency Management Transportation Infrastructure Resiliency Fund which was allocated as a part of the 2021 state budget; and

**WHEREAS**, eligible applicants are state agencies, units of local government, and nonprofit corporations to facilitate transportation resilience against natural disasters; and

**WHEREAS**, total available funding for this grant program is \$15 million with the anticipated number of grants available between five (5) and thirty (30); and

**WHEREAS**, projects can be 100% funded with no cost share and are paid on a reimbursement basis.; and

**WHEREAS**, the City of Wilmington has identified an interest in applying to the Transportation Infrastructure Resiliency Fund grant for funding to install equipment that allows traffic signals to operate on back-up power during power failures; and

**WHEREAS**, the request would also include a support vehicle, generators, traffic control devices, and other project related equipment and supplies that will minimize the disruption of traffic flow in and around the city during post storm recovery.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the City of Wilmington's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant.

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

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING PENDER COUNTY'S APPLICATION FOR THE NORTH  
CAROLINA EMERGENCY MANAGEMENT'S TRANSPORTATION INFRASTRUCTURE  
RESILIENCY FUND GRANT**

**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 Public Safety has released the transportation grants through the Emergency Management Transportation Infrastructure Resiliency Fund which was allocated as a part of the 2021 state budget; and

**WHEREAS**, eligible applicants are state agencies, units of local government, and nonprofit corporations to facilitate transportation resilience against natural disasters; and

**WHEREAS**, total available funding for this grant program is \$15 million with the anticipated number of grants available between five (5) and thirty (30); and

**WHEREAS**, projects can be 100% funded with no cost share and are paid on a reimbursement basis; and

**WHEREAS**, Pender County has identified an interest in pursuing the Transportation Infrastructure Resiliency Fund Grant in order to complete a Risk Assessment of the Highway 210 corridor between Highway 117 and US 17; and

**WHEREAS**, this section of NC 210 is identified as a Hurricane Evacuation Route but historically has flooded significantly during Hurricane events.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports Pender County's application for the North Carolina Emergency Management's Transportation Infrastructure Resiliency Fund Grant.

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

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary



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**2021 - 2022 Unified Planning Work Program Amendment # 3 – PL 104**  
**March 30, 2022**

**II-A-2 Vehicle Miles of Travel:**

Based on anticipated expenditures, the line item decreased by \$250

**II-A-4 Traffic Accidents:**

Based on anticipated expenditures, the line item decreased by \$250

**II-A-5 Transit System Data:**

Based on anticipated expenditures, the line item decreased by \$500

**II-A-6 Dwelling Unit, Pop. & Emp. Change:**

Based on anticipated expenditures, the line item decreased by \$1,538

**II-A-9 Travel Time Studies:**

Based on anticipated expenditures, the line item decreased by \$250

**II-A-12 Bike & Ped. Facilities Inventory:**

Based on anticipated expenditures, the line item decreased by \$2,168

**II-B-3 Travel Model Updates:**

Based on anticipated expenditures, the line item decreased by \$9,000

**II-B-6 Community Goals & Objectives:**

Based on anticipated expenditures, the line item decreased by \$5,924

**II-B-8 Capacity Deficiency Analysis:**

Based on anticipated expenditures, the line item decreased by \$1,000

**II-B-9 Highway Element of the LRTP:**

Based on anticipated expenditures, the line item decreased by \$15,205

**II-B-10 Transit Element of the LRTP:**

Based on anticipated expenditures, the line item increased by \$2,055

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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

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II-B-11 Bicycle & Ped. Element of the LRTP:

Based on anticipated expenditures, the line item increased by \$1,000

II-B-12 Airport/Air Travel Element of LRTP:

Based on anticipated expenditures, the line item decreased by \$4,931

II-B-13 Collector Street Element of LRTP:

Based on anticipated expenditures, the line item decreased by \$2,000

II-B-14 Rail, Water or other mode of LRTP:

Based on anticipated expenditures, the line item decreased by \$2,156

II-B-15 Freight Movement/Mobility Planning:

Based on anticipated expenditures, the line item decreased by \$2,156

II-B-16 Financial Planning:

Based on anticipated expenditures, the line item decreased by \$675

II-B-17 Congestion Management Strategies:

Based on anticipated expenditures, the line item decreased by \$8,976

III-A Planning Work Program:

Based on anticipated expenditures, the line item decreased by \$1,039

III-B Transportation Improvement Program:

Based on anticipated expenditures, the line item decreased by \$2,839

III-C-1 Title VI:

Based on anticipated expenditures, the line item decreased by \$500

III-C-3 Minority Business Enterprise:

Based on anticipated expenditures, the line item decreased by \$500

III-C-4 Planning for the Elderly & Disabled:

Based on anticipated expenditures, the line item decreased by \$250

III-C-6 Public Involvement:

Based on anticipated expenditures, the line item decreased by \$3,865

III-C-7 Private Sector Participation:

Based on anticipated expenditures, the line item decreased by \$520

III-D-2 Enviro. Analysis & Pre-TIP Plng.:

Based on anticipated expenditures, the line item decreased by \$362

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III-D-3 Special Studies: Staff Time - Planning:

Based on anticipated expenditures, the line item increased by \$4,327

III-D-4 Regional or Statewide Planning:

Based on anticipated expenditures, the line item decreased by \$1,837

III-E Management & Operations:

Based on anticipated expenditures, the line item increased by \$61,309

**2021 - 2022 Unified Planning Work Program Amendment # 3 – STBG-DA**  
**March 30, 2022**

II-A-10 Mapping:

Based on anticipated expenditures, the line item decreased by \$35,000

III-D-3 Special Studies: Staff Time - Pender Co. Roadway Safety Audit:

Based on anticipated expenditures, the line item decreased by \$20,000

Due to Pender County staff changes and other planning priorities, Pender County staff have withdrawn the request for this study at this time.

III-E Management & Operations:

Based on anticipated expenditures, the line item increased by \$55,000

**2021 - 2022 Unified Planning Work Program Amendment # 3 – 5303**  
**March 30, 2022**

II-A-5 Transit System Data:

Based on anticipated expenditures, the line item increased by \$10,100

II-B-6 Community Goals & Objectives:

Based on anticipated expenditures, the line item increased by \$950

II-B-10 Transit Element of the LRTP:

Based on anticipated expenditures, the line item increased by \$500

II-B-16 Financial Planning:

Based on anticipated expenditures, the line item increased by \$1,350

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III-C-1 Title VI:

Based on anticipated expenditures, the line item decreased by \$7,000

III-C-3 Minority Business Enterprise:

Based on anticipated expenditures, the line item decreased by \$7,300

III-C-6 Public Involvement:

Based on anticipated expenditures, the line item decreased by \$7,000

III-E Management & Operations:

Based on anticipated expenditures, the line item increased by \$8,400

**2021 - 2022 Unified Planning Work Program Amendment # 3 – 5304**  
**March 30, 2022**

III-D-3 Special Studies: Consultant – WAVE Zero Emissions Vehicles Transition Study

Based on anticipated expenditures, the line item increased by \$100,000

The Federal Transit Administration and other primary funding agencies have directed transit agencies nationwide to transition their fleets to Low or No Emissions, with funding priority given to Zero Emissions Vehicles (ZEV). In 2020, North Carolina's governor signed the Multi-State Medium and Heavy-Duty ZEV Memorandum of Understanding, committing to electrifying buses in the state. CFPTA/Wave Transit has a total of 68 vehicles, of which only 30 are CNG low emission vehicles. Eight transit agencies and two airport shuttle services have already begun electrifying their fleet in North Carolina, which ranks 7th in the nation for transit electrification. The study, supported by and coordinated with, the North Carolina Department of Transportation will facilitate 1) the creation of a Zero-Emission Fleet Transition Plan, and 2) the engineering and design for infrastructure for charging stations. The Transition Plan is a requirement by FTA to apply for grant funds supporting any ZEV projects, including vehicles and all related infrastructure. Transportation accounts for 29% of U.S. greenhouse gas emissions. Planning for the electrification of the fleet will help position CFPTA to purchase or lease electric vehicles that help reduce pollutants and combat negative climate change. The implementation of the vehicles over time would help improve the area's air quality index, as well as noise pollution, creating a sustainable city and region for its residents and visitors.



Wilmington Urban Area Metropolitan Planning Organization  
FY2022 Unified Planning Work Program  
Amendment # 3 - March 30, 2022

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL				STBGP-DA				SECTION 5303				SECTION 5304				TASK FUNDING SUMMARY			
		Highway / Transit				Highway / Transit				Transit / Highway				Transit / Highway							
		LOCAL 20%	FHWA 80%	Total 100%	LOCAL 20%	FHWA 80%	Total 100%	LOCAL 10%	NCDOT 10%	FTA 80%	Total 100%	NCDOT 20%	FTA 80%	Total 100%	LOCAL	NCDOT	FEDERAL	TOTAL			
II-A	<b>SURVEILLANCE OF CHANGE</b>																				
II-A-1	Traffic Volume Counts	13,000	52,000	65,000	-	-	-	-	-	-	-	-	-	-	13,000	-	52,000	65,000			
II-A-2	Vehicle Miles of Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-3	Street Systems Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-4	Traffic Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-5	Transit System Data	-	-	-	600	2,400	3,000	2,210	2,210	17,680	22,100	-	-	-	2,810	2,210	20,080	25,100			
II-A-6	Dwelling Unit, Pop. & Emp. Change	492	1,970	2,462	-	-	-	-	-	-	-	-	-	-	492	-	1,970	2,462			
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-9	Travel Time Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-10	Mapping	-	-	-	9,000	36,000	45,000	-	-	-	-	-	-	-	9,000	-	36,000	45,000			
II-A-11	Central Area Parking Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-A-12	Bike & Ped. Facilities Inventory	166	666	832	-	-	-	-	-	-	-	-	-	-	166	-	666	832			
II-B	<b>LONG RANGE TRANSPORTATION PLANNING</b>																				
II-B-1	Collection of Base Year Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-2	Collection of Network Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-3	Travel Model Updates	200	800	1,000	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000			
II-B-4	Travel Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-5	Forecast of Data to Horizon Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-6	Community Goals & Objectives	815	3,261	4,076	-	-	-	495	495	3,960	4,950	-	-	-	1,310	495	7,221	9,026			
II-B-7	Forecast of Future Travel Patterns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-8	Capacity Deficiency Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-9	Highway Element of the LRTP	1,759	7,036	8,795	-	-	-	-	-	-	-	-	-	-	1,759	-	7,036	8,795			
II-B-10	Transit Element of the LRTP	811	3,244	4,055	-	-	-	450	450	3,600	4,500	-	-	-	1,261	450	6,844	8,555			
II-B-11	Bicycle & Ped. Element of the LRTP	4,200	16,800	21,000	-	-	-	-	-	-	-	-	-	-	4,200	-	16,800	21,000			
II-B-12	Airport/Air Travel Element of LRTP	14	55	69	-	-	-	-	-	-	-	-	-	-	14	-	55	69			
II-B-13	Collector Street Element of LRTP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
II-B-14	Rail, Water or other mode of LRTP	69	275	344	-	-	-	-	-	-	-	-	-	-	69	-	275	344			
II-B-15	Freight Movement/Mobility Planning	169	675	844	-	-	-	-	-	-	-	-	-	-	169	-	675	844			
II-B-16	Financial Planning	265	1,060	1,325	-	-	-	935	935	7,480	9,350	-	-	-	1,200	935	8,540	10,675			
II-B-17	Congestion Management Strategies	1,205	4,819	6,024	-	-	-	-	-	-	-	-	-	-	1,205	-	4,819	6,024			
II-B-18	Air Qual. Planning/Conformity Anal.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-A	<b>PLANNING WORK PROGRAM</b>																				
III-A	TRANSPORTATION IMPROVEMENT PROGRAM	16	65	81	-	-	-	-	-	-	-	-	-	-	16	-	65	81			
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	32	129	161	-	-	-	-	-	-	-	-	-	-	32	-	129	161			
III-C	<b>CULDETS, CMP, LOTR, REG. REQS.</b>																				
III-C-1	Title VI	-	-	-	-	-	-	100	100	800	1,000	-	-	-	100	-	800	1,000			
III-C-2	Environmental Justice	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000			
III-C-3	Minority Business Enterprise	-	-	-	-	-	-	70	70	560	700	-	-	-	70	-	560	700			
III-C-4	Planning for the Elderly & Disabled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-C-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-C-6	Public Involvement	227	908	1,135	-	-	-	100	100	800	1,000	-	-	-	327	100	1,708	2,135			
III-C-7	Private Sector Participation	146	584	730	-	-	-	-	-	-	-	-	-	-	146	-	584	730			
III-D	<b>INCIDENTAL PLNG./PROJECT DEV.</b>																				
III-D-1	Transportation Enhancement Plng.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-D-2	Enviro. Analysis & Pre-TIP Plng.	28	110	138	-	-	-	-	-	-	-	-	-	-	28	-	110	138			
III-D-3	Special Studies: Start Time - Planning	2,865	11,462	14,327	-	-	-	-	-	-	-	-	-	-	2,865	-	11,462	14,327			
III-D-3	Special Studies: Start Time - Pender County Roadway Safety Audit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-D-3	Special Studies: Consultant - Strategic Plan Update -	-	-	-	500	2,000	2,500	-	-	-	-	-	-	-	500	-	2,000	2,500			
III-D-3	Special Studies: Consultant - Navassa Collector St.	-	-	-	15,000	60,000	75,000	-	-	-	-	-	-	-	15,000	-	60,000	75,000			
III-D-3	Special Studies: Consultant - N Brunswick County Transit Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-D-3	Special Studies: Consultant - Kure Beach Bike Plan	-	-	-	8,000	32,000	40,000	-	-	-	-	-	-	-	8,000	-	32,000	40,000			
III-D-3	Special Studies: Consultant - FV22 Congestion Management Plan	-	-	-	7,700	30,800	38,500	-	-	-	-	-	-	-	7,700	-	30,800	38,500			
III-D-3	Special Studies: Consultant - Leland US 17 Ped Plan	-	-	-	4,000	16,000	20,000	-	-	-	-	-	-	-	4,000	-	16,000	20,000			
III-D-3	Special Studies: Consultant - Staff Compensation Analysis	-	-	-	1,020	4,080	5,100	-	-	-	-	-	-	-	1,020	-	4,080	5,100			
III-D-3	Special Studies: Consultant - WAVE Zero Emissions Vehicle Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
III-D-4	Regional or Statewide Planning	633	2,530	3,163	-	-	-	-	-	-	-	-	-	-	633	-	2,530	3,163			
III-E	<b>MANAGEMENT &amp; OPERATIONS</b>																				
III-E	Management & Operations Staff Time - TDM Program	65,288	261,154	326,442	108,153	432,611	540,764	4,977	4,975	39,805	49,757	-	-	-	178,418	4,975	733,570	916,563			
TOTALS		\$392,801	\$371,202	\$464,003	\$168,462	\$673,852	\$842,314	\$9,337	\$9,335	\$74,885	\$93,357	\$20,000	\$80,000	\$100,000	\$270,600	\$29,335	\$1,199,739	\$1,469,674			

\* Special Studies: Consultant - Strategic Plan Update \*

\$2,000 in Federal Funds budgeted for FV22 will be charged against the FV21 UPWP Contract # 7500024222, under STBG-DA Fund WBS # 44094.1.2

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING AMENDMENT #3 TO THE FISCAL YEAR 2022 UNIFIED  
PLANNING WORK PROGRAM**

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

**WHEREAS**, the Fiscal Year (FY) 2022 Unified Planning Work Program documenting the continuing, cooperative, and comprehensive transportation planning program in the Wilmington Urban Area was adopted by the Wilmington Urban Area Metropolitan Planning Organization's Board on March 31, 2021; and

**WHEREAS**, the need for amendments to the FY 2022 Unified Planning Work Program has been evaluated and justified in order to effectively advance transportation planning for FY 2022; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can amend the FY 2022 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization proposes amendments to the FY 2022 Unified Planning Work Program to reflect current and anticipated expenditures.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment #3 to the FY 2022 Unified Planning Work Program.

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

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Hank Miller, Vice-Chair

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Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-3  
(February 2022)

STATEWIDE PROJECT

STIP MODIFICATIONS						
* TC-0020	- STATEWIDE PROJECT	NCDOT, 5339 SMALL URBAN	PLANNING	FY 2022	\$273,000	(STBG)
STATEWIDE				FY 2022 -	\$219,000	(S)
PROJ.CATEGORY		<u>MODIFY FUNDING IN FY 22 AT THE REQUEST OF MPO.</u>	CAPITAL	FY 2022 -	\$219,000	(L)
PUBLIC TRANS				FY 2022 -	\$1,747,000	(5339)
					<u>\$2,458,000</u>	

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

**STIP/MPO TIP Modification #22-3  
(February 2022)**

## WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

## STIP MODIFICATIONS

* U-5710	- WILMINGTON URBAN AREA	US 74 (EASTWOOD ROAD), SR 1409 (MILITARY CUTOFF	RIGHT-OF-WAY	FY 2023 -	\$5,666,000	(NHP)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION(ROAD)	INTERSECTION IN WILMINGTON. CONVERT AT-		FY 2024 -	\$11,333,000	(NHP)
PROJ.CATEGORY		GRADE INTERSECTION TO AN INTERCHANGE.		FY 2025 -	\$5,666,000	(NHP)
STATEWIDE		<u>MODIFY FUNDING FROM STATE TO FEDERAL.</u>		FY 2023 -	\$5,212,000	(NHP)
			UTILITIES	FY 2025 -	\$385,000	(NHP)
			CONSTRUCTION	FY 2026 -	\$12,551,000	(NHP)
				FY 2027 -	\$13,171,000	(NHP)
				FY 2028 -	\$9,268,000	(NHP)
				FY 2029 -	\$3,125,000	(NHP)
					\$66,377,000	
U-6235	- WILMINGTON URBAN AREA	WILMINGTON, TRAFFIC SIGNAL PRE-EMPTION FOR	CONSTRUCTION	FY 2023 -	\$627,000	(BGDA)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION(EMERGENCY VEHICLES PROJECT.			FY 2023 -	\$157,000	(L)
PROJ.CATEGORY		<u>TO MATCH SCHEDULE PROVIDED BY THE</u>			\$784,000	
DIVISION		<u>MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22</u>				

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

## STIP/MPO TIP Modification #22-3 (February 2022)

### WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS				
W-5703DIV BRUNSWICK DUPLIN NEW HANOVER ONSLow 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, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <b><u>ADD RIGHT-OF-WAY IN FY 22 AND CONSTRUCTION IN FY 22 NOT PREVIOUSLY PROGRAMMED.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - \$30,000 (HSIP) \$180,000 (HSIP) \$210,000
W-5703REG BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON <b>PROJ.CATEGORY</b> REGIONAL	- 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, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <b><u>ADD RIGHT-OF-WAY IN FY 22 AND CONSTRUCTION IN FY 22 NOT PREVIOUSLY PROGRAMMED.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - \$30,000 (HSIP) \$180,000 (HSIP) \$210,000

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

## STIP/MPO TIP Modification #22-3 (February 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS				
W-5703SW	- GRAND STRAND METROPOLITAN	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2022 - \$40,000 (HSIP)
BRUNSWICK	PLANNING ORGANIZATION	LOCATIONS.	CONSTRUCTION	\$240,000 (HSIP)
DUPLIN	- WILMINGTON URBAN AREA	<u>ADD RIGHT-OF-WAY IN FY 22 AND CONSTRUCTION IN</u>		<u>\$280,000</u>
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	<u>FY 22 NOT PREVIOUSLY PROGRAMMED.</u>		
ON SLOW	- JACKSONVILLE URBAN AREA			
PENDER	METROPOLITAN PLANNING ORGANIZATION			
SAMPSON	- MID-CAROLINA RURAL PLANNING			
PROJ.CATEGORY	ORGANIZATION			
	- EASTERN CAROLINA RURAL PLANNING			
	ORGANIZATION			
	- CAPE FEAR RURAL PLANNING			
STATEWIDE	ORGANIZATION			

## **Wilmington Urban Area Metropolitan Planning Organization**

### **Draft 2022 Legislative Agenda**

#### **Transportation Funding**

*The Wilmington Urban Area MPO supports prioritization and funding for local transportation and infrastructure projects and the need to explore new transportation and infrastructure revenue sources to address the growing needs of the state and the nation. Including, but not limited to road, bridges and highway projects, public transportation, ferry, bicycle and pedestrian infrastructure, beach nourishment, inlet and waterway maintenance, coastal storm damage reduction, port infrastructure, airports, etc.*

*The Wilmington Urban Area MPO encourage the North Carolina Department of Transportation, North Carolina General Assembly, and Governor of North Carolina to explore and implement new funding mechanisms that could raise the funds necessary to accelerate much needed transportation projects.*

#### **Transportation Project Priorities**

*Due to NCDOT cash management issues many projects across the state and in our region were delayed in the STIP/MPO TIP. As a result of increases in right of way and construction costs, the 2020-2029 State Transportation Improvement Program approximately \$12B over-programmed. The Wilmington Urban Area MPO supports the acceleration of the MPO's top priorities for projects currently funded in the draft 2023-2032 State/MPO Transportation Improvement Programs. The Board's transportation priorities are as follows:*

- *Hampstead Bypass (R-3300)*
- *Military Cutoff Road/Eastwood Road Interchange (U-5710)*
- *Independence Boulevard Extension (U-4434)*
- *Martin Luther King Jr. Parkway/Kerr Avenue Interchange (U-3338C)*
- *Martin Luther King Jr. Parkway/Market Street/Eastwood Road Interchange (U-4902C)*

*The MPO Board also identified the replacement of the Cape Fear Memorial Bridge as their highest unfunded priority.*

#### **Opposition to Transfer of State Road Maintenance**

*The Wilmington Urban Area MPO respectfully and urgently requests the North Carolina General Assembly reject proposals which would transfer responsibility for large portions of the state's road system to local governments and weaken or dismantle municipal Powell Bill Street maintenance funding.*

#### **Limitation on City Requirements for Street Improvements Related to Schools**

*SL 2017-57 included language related to street improvements for schools. The Wilmington Urban Area MPO is concerned that on non-state-maintained facilities where improvements related to schools are needed, the funding burden has fallen on the municipalities or the level of service on the roadways will be compromised. The Wilmington Urban Area MPO encourages the General Assembly to review this language and seek solutions to address this funding concern.*

#### **Moped Legislation**

*The Wilmington Urban Area MPO supports the North Carolina Department of Transportation's policy recommendation of restricting mopeds on public roadways with posted speed limits of 45 mph or greater. The MPO also encourages the North Carolina General Assembly to implement*

*laws that regulate the use of mopeds in a manner that promotes the safety and welfare of the citizens and visitors of North Carolina and pursue education and clarity on existing regulations for mopeds, golf carts, and low-speed vehicles.*

**Electric Scooter Legislation**

*The Wilmington Urban Area MPO supports the use of electric scooters to provide an alternative mode of transportation so long as the scooters are used in a safe and responsible manner, do not create visual clutter, and do not block parking or ADA accessibility. The allowance and/or use of electric scooters should be subject to local government control through their adopted codes and ordinances.*



**WILMINGTON URBAN AREA  
MPO  
March 2022**

**PENDER COUNTY STREETS PLAN**

**Project Description/Scope:** In January, WSP, Pender County, and WMPO kicked off the development of the Pender County Streets Plan. The final plan will serve as an update to the 2016 Pender County Collector Streets Plan and is envisioned to be a more comprehensive technical document that integrates the recommendations of the Pender County Comprehensive Plan 2.0 with buy in and support from both the development community and citizens. The effort was funded as a special study in the WMPO's adopted FY 21 UPWP, and the schedule for the development of the plan was approximately six months. This plan's development included two public outreach and participation periods. The development of the plan was overseen by a steering committee comprised of stakeholders representing the county staff, the development community, NCDOT, and citizens, among others. WSP delivered the final plan document and recommendations in June, and the finished document product has been prepared by WMPO Staff. The Pender County Commissioners adopted the updated plan on October 18, 2021. The WMPO Board adopted the updated plan on November 17, 2021.

**Project Status and Next Steps:**

- Launch of public interactive story map of plan recommendations in spring 2022

**KURE BEACH BIYCLE AND PEDESTRIAN PLAN**

**Project Description/Scope:** The Town of Kure Beach, Alta, and the WMPO kicked off development of a bicycle and pedestrian plan for the Town of Kure Beach in September 2021. The plan is intended to aid the Town in the development and prioritization of its bicycle and pedestrian infrastructure needs. A kick-off meeting to discuss the Town's existing bicycle and pedestrian infrastructure and develop a timeline and strategy for public engagement was held in mid-October. A 3-day charrette activity was held November 30th through December 2nd. The charrette included two public meetings and stakeholder interviews. Approximately 150 members of the public attended the two public meetings, with an additional 436 responses providing input through the online interactive map tool. Alta completed an initial draft of the final plan and released to the Steering Committee for initial review in late February 2022.

**Project Status and Next Steps:**

- Release of draft plan for 30-day public review and comment period late winter/spring 2022
- Presentation of final plan to Kure Beach Town Council in spring 2022
- Presentation of final plan to WMPO Board in spring 2022

**NAVASSA COLLECTOR STREET PLAN**

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

development is being guided by a Steering Committee and will incorporate public input received via a public survey and both in-person and virtual public meetings.

**Project Status and Next Steps:**

- Public engagement survey launched the week of January 24th (open through mid-March)
- In-person Public Meeting planned for Wednesday, March 9th
- Virtual Public Meeting planned for Thursday, March 10th
- Development of draft plan (including implementation plan) in spring 2022
- Presentation to Navassa Town Council in late spring/early summer 2022
- Presentation to WMPO Board in late spring/early summer 2022

**SITE DEVELOPMENT REVIEW**

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

- New Hanover County Formal Plan Reviews: 4 reviews
- New Hanover County Informal Plan Reviews: 2 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: reviews
- Town of Leland Formal Reviews: 7 reviews
- Town of Leland Informal Reviews: 2 reviews
- Town of Navassa Formal Plan Reviews: 0 review
- Town of Navassa Informal Reviews: 0 reviews
- 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: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 42 total active (34 under review; 2 approved; 6 new):  
New Hanover County 11 (2 new, 9 under review, 0 approved), City of Wilmington 10, (2 new, 8 under review), Carolina Beach 1, (1 approved), Town of Belville 0, Town of Leland 9, (new, 8 under review, 1 approved), Town of Navassa 0, Pender County 9 (1 new, 8 under review, and Brunswick County 2, (1 new, 1 under review)
- Pender County Development Plan Formal Reviews: 6 reviews
- Pender County Informal Plan Reviews: 2 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 39 reviews (10 new, 29 on-going)
- City of Wilmington Informal Reviews: 17 reviews (6 new, 11 on-going)
- City of Wilmington Concept Reviews: 0 reviews
- COW Project Releases 6

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

**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:**

- 90% design review completed in November 2021
- Requested Right-of-Way Authorization in January 2022
- Begin Right-of-Way Acquisition – May 2022
- Advertise for Bid – December 2022
- Begin Construction – May 2023
- Construction Complete- January 2024

**U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP**

**Project Descriptions/Scope:** This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

**Project Status and Next Steps:**

- Construction commenced October 26, 2021
- Construction is complete; Town issued Notice of Acceptance
- FHWA established Final Voucher Date as of 11/8/2021; Town will retain records for a minimum of three years
- Warranty Period will expire on November 8, 2022
- Town Staff is working with NCDOT to close out project and submit final construction reimbursement
- Project completion extended to December 31, 2022

**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:**

- Begin Right-of-Way Acquisition – May 2022
- Advertise for Bid – December 2022
- Begin Construction – May 2023
- Construction Complete- January 2024

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

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

**Project Status and Next Steps:**

- 90% design review completed in November 2021
- Requested Right-of-Way Authorization in January 2022
- Begin Right-of-Way Acquisition – May 2022
- Advertise for Bid –December 2022
- Begin Construction –May 2023
- Construction Complete- January 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:**

- **90% design review completed in November 2021**
  - Requested Right-of-Way Authorization in January 2022
  - Begin Right-of-Way Acquisition – May 2022
  - Advertise for Bid –December 2022
  - Begin Construction –May 2023
  - Construction Complete- January 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
- Supplemental Agreement 4 increased the total estimated project cost to \$254,842
- Project on hold pending resolution of contracting issues with the consultant
- Project completion extended to June 30, 2022

**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
- Project completion extended to June 30, 2022

**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
- Supplemental Agreement 4 increased the total estimated project cost to \$327,788
- Project on hold pending resolution of contracting issues with the consultant
- Project completion extended to June 30, 2022

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

**Project Description/Scope:** The project will install sidewalk, ADA ramps, curb and gutter, markings

and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

**Project Status and Next Steps:**

- Received ROW Certification on October 22, 2021
- AECOM completed 100% Plans, Specs, and Estimate on November 3, 2021
- City sent 100% PS&E to NCDOT for review on November 8, 2021
- City sent City/NCDOT Comments on Plans and Estimate to AECOM on November 29, 2021
- NCDOT sent comments on Specs and Estimate to AECOM on January 18
- AECOM submitted revised 100% Plans, Specs, Estimate (PS&E) to City/NCDOT for final review January 21, 2022
- Resubmit 100% PS&E to NCDOT for Construction Authorization January 31, 2022
- Final Approval on PS&E from NCDOT February 28, 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
- Construction fund authorization request will occur next federal fiscal year (FY 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:**

- The Town has entered into a contract with Withers & Ravenel
- Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20, 2020
- 90% plans are in development
- Project remains on track for a September 2022 LET

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

**Project Description/Scope:** Rehabilitation of the historic structure located at 525 N 4th Street for a transportation purpose

**Project Status and Next Steps:**

- Bids opened on January 27, 2022 and the WMPO is reviewing the submitted bids

**U-6235 – City of Wilmington/New Hanover County – Signal Pre-emption Phase 2**

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

**Project Status and Next Steps:**

- Design contract approved May 5, 2021 by City Council: execution complete.

- Design kick-off meeting held July 23, 2021 with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
- Design started in October lasting through September 2022.

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

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

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

- NCDOT funding availability reopened January 25, 2021
- Town Council elected to move forward with the project and will upload information into EBS.
- As of May 3, 2021 funding amounts have been revised to reflect \$457,777 STBGP- DA funds and \$114,445 local match to reflect approved funding
- Design revisions are under discussion with KHA
- Agreement executed with NCDOT on August 18, 2021
- Design discussions held with KHA on August 31, 2021, delivery schedule forthcoming

#### **TASA-DA**

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

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

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

- The Town has entered into a contract with Withers & Ravenel
- A Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20, 2020
- 90% plans are in development
- Project remains on track for a September 2022 LET

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

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

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

- Responded to DOT comments on 75% plans on November 16, 2021
- ROW acquisition continuing

#### **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:**

- 100% Final Plans uploaded to NCDOT EBS on February 8, 2022.
- Awaiting NCDOT review/approval.

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

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

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

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

### **TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

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

Go Coast current initiatives and project status:

#### 1. Bike Share

- a. the WMPO Board approved the release of a new Request For Proposal to bring a bike share program to the Wilmington area
- b. The RFP has been written and will be released by the City of Wilmington on behalf of the WMPO before the end of March 2022

#### 2. Bicycle Suitability Map Update

- b. The Bicycle and Pedestrian Advisory Committee has approved a final draft with of the Wilmington Area Bike Suitability Map
- c. Staff is working to develop to finalize the format of this map for print and online use

#### 3. Commute Friendly NC

- a. Go Coast has been working with state TDM partners to develop the “Commute Friendly North Carolina” program which designates organizations as “commuter friendly” if they offer commuter benefits/resources to employees and affiliates
- b. This program has been launched and can be found online at <https://commutefriendlync.com/>
- c. This program recognizes organizations on a state level for their efforts to provide commuter benefits and provides organizations an opportunity to directly connect with Go Coast

#### 4. Telecommuting and Alternative Work Schedule Model Policy

- a. The Go Coast committee has approved a model policy to guide area employers on how best to implement telework and alternative work schedule policies for employees

#### 5. River to Sea Bike Ride

- a. Planning is underway for the 32<sup>nd</sup> Annual River to Sea Bike Ride
- b. Saturday May 7<sup>th</sup>

#### 6. Bike Month

- a. Planning is underway for Go Coast Bike Month

#### 7. The next Go Coast meeting is May 19, 2022



## **Cape Fear Public Transportation Authority**

### **Project Updates**

**March 2022**

#### **1. Service Enhancements Scheduled for July 2022**

On Tuesday February 8, 2022, the Wave Transit Board of Directors voted unanimously to adopt a proposal to expand the existing network, as well as investing in more frequent service! In November 2021, a recommendation was presented for consideration with adoption of a finalized draft slated for January 2022. The regularly scheduled January 27<sup>th</sup> meeting was recessed to February 8<sup>th</sup> to continue discussion on the network redesign, following the announcement from Federal Transportation Administration (FTA) on an additional \$108 billion authorized for public transportation under the Bipartisan Infrastructure Law. The new law will increase Wave Transit's federal formula funding by approximately \$700,000 each year in over the next five years. Provided this added information, the Board of Directors voted to advance a revised framework which would result in increased frequencies on 30% of the fixed routes, enlarge Wave Transit's service footprint, and improve efficiencies. The draft proposal is as follows:

- Retain current urban core network with peripheral improvements
- Replace Routes 207 North and 301 Pleasure Island with an on-demand microtransit service delivery model, which is responsive and serves a much larger geographic area
- Introduce 30-minute service frequencies on three routes, including Route 108 Market Street, Route 201 Carolina Beach Road, and Route 205 Long Leaf Park
- Offer 60-minute continuous, uninterrupted frequencies for Route 107 College Rd. for better consistency
- Revise Route 104 East offering transit service on Market Street east of College Rd. for the first time, and shifting coverage of Gordon Road and North College Road to the flexible microtransit service
- Interline Route 107 College Rd. and Route 201 Carolina Beach Rd. at Monkey Junction, reducing transfers resulting in better customer service
- Implement a seasonal trolley schedule, reallocating resources to the most productive hours

The service enhancements will take effect at the beginning of July. Customers and members of the public have an opportunity to provide comment through a general survey offering. Responses can be submitted online at <https://www.wavetransit.com> or in-person at Forden and Padgett Stations. Additional information regarding the service improvements included under the draft framework can be obtained through the Authority's website, at the two main transfer stations, or through the main office at (910) 343-0106.

#### **2. Wilmington Regional Microtransit Pilot Project - RideMICRO**

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



Monday, October 11, 2021 marked the official launch of the program beginning with service to **Zone 1 Northern Brunswick/Downtown Wilmington** and **Zone 2 Pender/Northeastern New Hanover County**. Service to **Zone 3 Southern New Hanover/Pleasure Island** was implemented December 1, 2021. Service to the fourth and final zone, **Zone 4 Northern New Hanover County** will go live April 2022. The three active zones contain a combined total of over 3,270 virtual stop locations. Please consult the following link to view virtual stops within each active zone: <https://arcg.is/1KvyOS>.

The full technology suite for the RideMICRO program and weekday service hours expanded to 7:00 am to 10:00 am and 12:00 to 7:30 pm on **Monday, January 17, 2022**. Customers are now able to book trips, pay fares, plan routes, identify the closest virtual stop, and track their vehicle in real time through the RideMICRO app. A multimodal trip planning feature was incorporated into the app on **March 13, 2022**, offering seamless planning across all Wave Transit transportation services. Wave Transit staff challenges you to RideMICRO!

From program inception through February 28, 2022, there have been a total of 515 passenger trips, with increasing productivity since the implementation of services.

NCDOT's ConCPT and community grants fully funded the service at 100%. This is a 12-month pilot project, with options to extend pending availability of grant funds. The FY2023 application for a second year of support was submitted and final approval by NCDOT is currently pending.

### **3. Update on Section 5310 Community Grant Offering**

The Authority received responses from three community organization in response to the publication of the *FY2023 Section 5310 Community Grant* offering. The respondents include, Elderhaus Adult Daycare Services, New Hanover County Senior Resource Center (SRC), and Town of Navassa. Elderhaus and the SRC are recipients of the current, FY2022 community grant awards and have demonstrated need for continued support for next fiscal year.

The WaveConnect Advisory Group that oversees the community grant process will convene in March 2022 to review and score the applications and draft a recommendation for award. The recommendation will be presented to the WMPO and Authority's Board of Directors for consideration and approval April 2022.

Projects in Development						
Project Manager	Contract Tyt	TIP	Description	County	Forward	SAP Let Date
Rail Division	Rail	P-5740 A	Wilmington Rail Rehabilitation, Curve Realignment and Upgrade Rail Bridges	New Hanover	Y	4/1/2022
Rail Division	Rail	P-5740C	CSX SE line Installation of Railroad Grade Crossing Signals and Gates at Various At-Grade Crossings	New Hanover	Y	6/1/2022
Eric Murray	DPOC	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	Y	6/2/2022
Derek Pielech	DPOC	BP3-R004	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayettevill Rd) (Previously 17BP.3.R.84)	Brunswick	Y	6/23/2022
David Leonard	DPOC	W-5703E	US 117/NC 132 (College Rd) sidewalk between Randall Pkwy and N of University Drive	New Hanover	3D	8/4/2022
Eric Murray	DPOC	W-5601DH	3rd St and Dock St Intersection	New Hanover		10/21/2022
Trace Howell	DPOC	W-5703R	NC 132 (South College Rd) and Braggs Drive offset lefts	New Hanover		9/15/2022
David Leonard	DPOC	W-5803B	Install Rumble Strips on US 17 Between New Hanover/Pender County Line and Mile Post 19.30 in Onslow County	Pender & Onslow		10/31/2022
Eric Murray	DPOC	W-5703C	Monkey Junction Pedestrain Improvements	New Hanover		11/17/2022
David Leonard	DPOC	W-5803A	Upgrade Pedestrian & Traffic Signals and Revise Median Islands at US 74 (Eastwood Road) at US 17 (Military Cutoff Road) and US 74 (Eastwood Road)	New Hanover		1/31/2023
Rail Division	Rail	P-5740B	CSX SE line Improvements to Hwy Grade Xings, Close & Improve Various Exist. At-Grade Crossings	New Hanover	Y	4/28/2023
Lydia	DDRL	I-6039	I-40 Pavement rehab from Milemarker 420 to NC 210	New Hanover, Pender		6/20/2023
Krista Kimmel	DDRL	U-5926	New Route from 23rd St to 26th St	New Hanover	Y	12/19/2023
Brian Harding	DDRL	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover		6/18/2024
Lydia	DPOC	I-6036 17BP.3.R.93	I-140 - US 17 to North of US 74 pavement rehab	Brunswick		10/17/2024
Derek Pielech	DPOC	BP3-R012	Replace Bridge 208 over Sturgeon Creek on SR 1472 (Village Road) in Brunswick County	Brunswick		7/1/2025
Derek Pielech	DPOC	B-5653	Pender 14 on NC 133 over Turkey Creek	Pender		1/28/2026
Lydia	DDRL	I-6037	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover		2/17/2026
Mike Bass	DDRL	U-5710	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover		9/16/2025
Trace Howell	DDRL	U-5792	MLK at College	New Hanover		6/16/2026
Trace Howell	DDRL	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	New Hanover/ Pender	Y	9/15/2026
Brian Harding	DDRL	U-5954	NC 133 at 23rd St Roundabout	New Hanover		6/15/2027
Derek Pielech	Raleigh	BR-0008	Replace Bridge 7 on US 17 over US 76	Brunswick		9/21/2027
Lydia	DPOC	I-6037	I-140 From US 421 to I-40. Pavement & Bridge Rehabilitation.	New Hanover		2/15/2028
Brian Harding	DDRL	U-5731	US 74 at US 17/US 421 Flyover	New Hanover		5/16/2028
Krista Kimmel	DDRL	U-4434	Independence Boulevard Extension	New Hanover		6/20/2028
Brian Harding	DDRL	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover		7/18/2028
Trace Howell	DDRL	U-5732	Hampstead Median: US 17 from SR 1582 (Washington Acres Rd) to Vista Lane	Pender		9/19/2028
Lydia	DPOC	I-6038	I-140 From US 421 to US74/76. Pavement Rehabilitation	Brunswick		11/16/2028
Krista Kimmel	DDRL	U-3338C	Kerr Ave Interchange at MLK	New Hanover		12/19/2028
Krista Kimmel	DDRL	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover		12/19/2028
Krista Kimmel	DDRL	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	Y	6/19/2029
Trace Howell	DDRL	U-5702B	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover		1/15/2030

PE Work Continuing	
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Date Completed:

3/4/2022

PO:

WM/PO

Contact:

Caitlin Marks  
910-341-2001

cmmarks@ncdot.gov

Projects Under Construction					
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion      Percent Complete
DC00316	Alex Stewart	W-5601DH	New Hanover	3rd and Dock St	9/13/22      8.04%
DC00249	Alex Stewart	B-4590	New Hanover	Bridge 29 over Smith Creek	Oct-23      20.50%
DC00309	Daniel Jones	49404	New Hanover	ILM Landscape Improvement - Available August 1	Dec-22      88.58%
DC00300	Daniel Jones	R-2633BA(L)	Brunswick	Navassa Landscape Enhancement	Dec-22      97.67%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Mar-23      68.15%
C204331	Alex Stewart	15BPR.19	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	Aug-22      6.38%
TBD	Alex Stewart	15BPR.26	New Hanover	Cape Fear (#48 I-140 E) Shear Strengthen	TBD      TBD
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson		Mar-20      100.00%
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Sep-23      54.51%
TBD	Alex Stewart	15BPR.26	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD      TBD
DC00315	Lydia McKeel	51215.01AD	New Hanover	SR 1187 (Sanders Road) Sinkhole Repairs	Dec-21      100.00%
DC00331	Lydia McKeel	R-5783E & R-5783F	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson		Dec-22      0.00%
C204123	Alex Stewart	R-5021	Brunswick	NC 211 from SR 1500 (Midway Rd.) to NC 87 Grading, Drainage, Paving, Signals & Structures	Mar-27      2.49%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (Hampstead Bypass) from South of NC 210 to North of SR 1563 (Sloop Point Road)	Mar-27      0.00%
C204623	Alex Stewart	B-5642	Brunswick	Replace Bridge 65 on NC 87 Over Hood Creek	Mar-23      0.00%
C204301	Alex Stewart	15BPR.26	New Hanover	New Hanover 48 on I-40E & I-40 W/NE Substructure Repairs	Nov-22      0.00%
C204629	Alex Stewart	B-5624	Brunswick	Replace Bridge 57 on NC 211 Over Juniper Creek	Dec-23      0.00%

Resurfacing						
Contract Number	Contract Year	County	Map	Routes	Estimated Completion	Percent Complete
DC00311	2022	New Hanover	0	Market Street, 3rd Street, Independence Blvd, and patching on 16th & 17th Streets	Sep-23	0.00%
DC00318	2021	Pender	0	Pender County Resurfacing	TBD	12.73%
C204409	2021	Brunswick	0	1 SECTION OF US-17, US-74/76, AND NC-130; AND 11 SECTIONS OF SECONDARY ROADS	Oct-22	15.76%
DC00304	2021	Brunswick	0	US 17, NC 904 & VARIOUS SECONDARY RDS.	Jun-22	0.00%
DC00302	2021	New Hanover	0	New Hanover County Resurfacing	Jan-22	89.44%
DC00294	2021	New Hanover	0	New Hanover County Resurfacing	Sep-22	27.84%
DC00325	2022	Brunswick	7	Brunswick Resurfacing B (3/16/2022 Availability Date)	Apr-23	0.00%
DC00327	2022	New Hanover	30	New Hanover County Resurfacing (1/6/2022 Availability Date)	Apr-23	0.00%
DC00330	2022	Sampson	27	Sampson County Resurfacing and Preservation (7/6/2022 Availability Date)	Jun-23	0.00%

Interactive Resurfacing Map can be found here: <https://ncdot.maps.arcgis.com/apps/dashboards/d967e1f18d1c41aca2f260ffb630a4c64>



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

March 2022

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

MARCH TPD UPDATES WILMINGTON MPO

MARCH 2022

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

**Brunswick County Comprehensive Transportation Plan (CTP):** The Brunswick County CTP just went through Peer Review, Management Review and Steering Committee Review. The comments will be reviewed and incorporated in the following weeks. The TPD engineers are also starting to set up public involvement sessions – both in person and virtual.

**Wilmington Model:** The 2050 Travel Demand Model work started on 3/1/2022. The TDM is being developed for the next Wilmington MTP. The 2045 Travel Demand Model and 2045 Wilmington MPO MTP was adopted on 11/18/2020 by the Wilmington MPO Board.

**N.C. Governor's Highway Safety Program Grant Applications:** The North Carolina Governor's Highway Safety Program (NCGHSP) will soon be accepting grant applications for communities planning traffic safety programs. The grants will be for federal fiscal 2023, which is from Oct. 1, 2022 - Sept. 30, 2023.

**Updates on Coronavirus (COVID-19) in North Carolina:** <https://covid19.ncdhhs.gov/>

**Helpful Links:**

Click on links below to learn more:

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

*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

- Links to all traffic count data information—[Traffic Survey Group \(ncdot.gov\)](https://www.ncdot.gov/traffic-survey-group)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](https://www.ncdot.gov/interactive-traffic-volume-map)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](https://www.ncdot.gov/traffic-safety-data-engineering)

### **NCDOT Statewide Plans:**

To learn more, click on the following links:

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