



305 Chestnut Street  
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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 6, 2020  
**SUBJECT:** March 11<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, March 11, 2020 at 10 am. This meeting will be held in the 6<sup>th</sup> Floor Conference Room located at 320 Chestnut Street in downtown Wilmington.

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 12, 2020
  - b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-2
  - c. Resolution dissolving the Wilmington Urban Area Metropolitan Planning Organization's Citizen Advisory Committee and to recreate the committee and/or task force with the development of the next Metropolitan Transportation Plan
  - d. Resolution supporting the Rail Re-alignment Project for the Benefits of Environmental Sustainability, Improve Commuting Times, Public Safety, Quality of Life, Enhanced Freight Movement and Economic Development
  - e. Opening of the 30-day public comment period for 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #20-1
- 4) Regular Agenda
  - a. Resolution approving the Prioritization 6.0 Aviation Project Submittals
  - b. Resolution approving the Prioritization 6.0 Bicycle and Pedestrian Project Submittals
  - c. Resolution approving the Prioritization 6.0 Public Transportation Project Submittals
  - d. Resolution approving the Prioritization 6.0 Rail Project Submittals
  - e. Resolution approving the Prioritization 6.0 Roadway Project Submittals
  - f. Resolution approving the Wilmington Urban Area MPO's 2020 Legislative Agenda

### **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

- 
- g. Resolution supporting the Allocation of Additional Surface Transportation Block Grant- Direct Attributable Funding to the Town of Wrightsville Beach for the Coral Drive Sidewalk (U-5534S) Project
      - h. Resolution supporting the Wilmington Urban Area MPO's Bicycle and Pedestrian Advisory Committee's Electric Bicycle Model Ordinance
    - 5) Discussion
      - a. 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-3
      - b. Federal Certification Review and Public Comment Period
    - 6) Updates
      - a. Wilmington Urban Area MPO
      - b. Cape Fear Public Transportation Authority
      - c. NCDOT Division
      - d. NCDOT Transportation Planning Division
    - 7) Announcements
      - a. Bike/Pedestrian Committee Meeting- April 14<sup>th</sup>
    - 8) Next meeting- April 15, 2020

**Attachments:**

- TCC Meeting Minutes- February 12, 2020
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-2
- Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-2
- Resolution dissolving the Wilmington Urban Area Metropolitan Planning Organization's Citizen Advisory Committee
- Resolution supporting the Rail Re-alignment Project for the Benefits of Environmental Sustainability, Improve Commuting Times, Public Safety, Quality of Life, Enhanced Freight Movement and Economic Development
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #20-1
- Prioritization 6.0 Aviation Project Submittals Memorandum
- Resolution approving the Prioritization 6.0 Aviation Project Submittals
- Prioritization 6.0 Bicycle and Pedestrian Project Submittals Memorandum
- Resolution approving the Prioritization 6.0 Bicycle and Pedestrian Project Submittals
- Prioritization 6.0 Public Transportation Project Submittals Memorandum
- Resolution approving the Prioritization 6.0 Public Transportation Project Submittals
- Prioritization 6.0 Rail Project Submittals Memorandum
- Resolution approving the Prioritization 6.0 Rail Project Submittals
- Prioritization 6.0 Roadway Project Submittals Memorandum
- Resolution approving the Prioritization 6.0 Roadway Project Submittals
- Proposed 2020 Legislative Agenda
- Resolution approving the Wilmington Urban Area MPO's 2020 Legislative Agenda
- Letter and Resolution from the Town of Wrightsville Beach
- Resolution supporting the Allocation of Additional Surface Transportation Block Grant- Direct Attributable Funding to the Town of Wrightsville Beach for the Coral Drive Sidewalk (U-5534S) Project
- Proposed Wilmington MPO Bicycle and Pedestrian Committee's Electric Bicycle Model Ordinance
- Resolution supporting the Wilmington MPO Bicycle and Pedestrian Advisory Committee's Electric Bicycle Model Ordinance
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-3
- Letter from FHWA regarding the MPO's Certification Review
- Wilmington Urban Area MPO Project Update (March)
- Cape Fear Public Transportation Authority Update (March)
- NCDOT Division Project Update (March)
- NCDOT Transportation Planning Division Project Update (March)

**Wilmington Urban Area  
Technical Coordinating Committee  
Wednesday, February 12, 2020  
Meeting Minutes**

**Members Present**

Abby Lorenzo, Wilmington MPO

Don Bennett, City of Wilmington

Nick Cannon, Wilmington MPO

Robert O'Quinn, Town of  
Wrightsville Beach

Rebekah Roth, New Hanover County

Granseur Dick, Wilmington International Airport

Stephanie Ayers, North Carolina

Ports Authority

Cheryl Page, Town of Belville

Ashli Barefoot, Town of Leland

Helen Bunch, Brunswick County

Caitlin Marks, NCDOT Division of Highways

Nazia Sarder, NCDOT Planning

Megan Matheny, Cape Fear Public Transportation

**1) Call to Order**

Mr. Bennett called the meeting to order at 10:00 a.m.

**2) Approval of the Agenda**

Ms. Lorenzo requested to add discussion Item 5e regarding a potential registration fee to limit participation in the River to Sea Bike Ride in May.

Ms. Lorenzo made a motion to approve the agenda as amended. Ms. Bunch seconded the motion and it carried unanimously.

**3) Consent Agenda**

- a. Approval of TCC Meeting Minutes- January 15, 2020
- b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-1
- c. Resolution supporting the WAVE Connect Advisory Committee's recommendations for the Award of the Section 5310 Community Grant Project Funds
- d. Resolution authorizing the Executive Director to enter into an Inter-local Software Usage Agreement for the Rideshare Matching, Commute Calendar & Incentive Software Contract

Ms. Matheny made a motion to approve the Consent Agenda, Items 4a through 4d, and to forward these items to the MPO Board for consideration. Mr. Cannon seconded the motion, and it carried unanimously.

**4) Regular Agenda**

- a. Resolution authorizing the Wilmington Urban Area Metropolitan Planning Organization to apply for FY 2021 Transportation Demand Management Program (TDM) Funding and Provide the Local Match

Mr. Cannon stated that every year the North Carolina Department of Transportation (NCDOT) releases an application for grants for Transportation Demand Management (TDM) programs across the state. He noted that 2015 was the first year that the TDM program was approved for the Wilmington Urban Area. He added that the program requires a 50% match with half from NCDOT and rest from member jurisdictions.

Ms. Ayers made a motion to approve the Resolution authorizing the Wilmington Urban Area Metropolitan Planning Organization to apply for FY 2021 Transportation Demand Management

Program (TDM) Funding and Provide the Local Match. Ms. Barefoot seconded the motion, and it carried unanimously.

**b. Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's FY 2021 Unified Planning Work Program**

Ms. Lorenzo stated that the Unified Planning Work Program (UPWP) for FY 2021 has been included in the agenda packet. She noted that the draft underwent the appropriate public comment period.

Ms. Ayers made a motion to approve the Wilmington Urban Area Metropolitan Planning Organization's FY 2021 Unified Planning Work Program. Ms. Lorenzo seconded the motion, and it carried unanimously.

**c. Resolution certifying the Transportation Planning Process for the Wilmington Urban Area Metropolitan Planning Organization**

Ms. Lorenzo stated that this item is the annual certification of the WMPO's Transportation Planning Process.

Ms. Bunch made a motion to approve the Resolution certifying the Transportation Planning Process for the Wilmington Urban Area Metropolitan Planning Organization. Ms. Roth seconded the motion, and it carried unanimously.

**5) Discussion**

**a. STIP/Locally Administered Projects**

Ms. Lorenzo stated that Mr. Kozlosky and Ms. Hopkins met with MPO member jurisdictions regarding schedules for Locally Administered Projects in the Direct Attributable program. She noted that the schedules have been submitted to NCDOT. She expressed appreciation to members for their assistance. She added that NCDOT will inform the MPO regarding the projects to be released next.

**b. 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-2**

Ms. Lorenzo stated that this amendment has been included in the agenda packet and is for informational purposes only.

**c. Cape Fear Moving Forward 2045 Plan**

Ms. Lorenzo gave a brief update on the Cape Fear Moving Forward 2045 Plan. She stated that the draft plan will be released in March for a 30-day of public comment period. She noted that the draft will be presented to the MPO Board at its meeting on February 26<sup>th</sup>. She expressed appreciation to staff for their time and efforts to remain on schedule in order for the Board to consider the final plan in October. She added that staff will review comments at the end of March and make any changes directed by the Board.

In response to an inquiry by Ms. Roth, Ms. Lorenzo stated that staff would summarize the comments and forward them to the TCC and then to the MPO Board. She noted that the Citizens Advisory Committee has completed its work and will be recognized at the MPO Board meeting on February 26<sup>th</sup>.



**d. Prioritization 6.0 Project Submittals**

Ms. Lorenzo stated that five memos have been included in the agenda packet regarding draft Prioritization 6.0 project submittals. She explained that the ferry mode has been omitted because the two projects are either programmed or will automatically carry over. She reminded the group that she sent an e-mail to member jurisdictions inquiring about submitting bicycle and pedestrian projects from the Metropolitan Transportation Improvement Program (MTIP). She pointed out that ranking of these projects is less straight forward since they require a 20% local match. She stated that two responses were received. She noted that New Hanover County opted not to submit any projects and the Town of Leland requested to submit four projects.

Ms. Lorenzo stated that staff worked with planning partners at Wilmington International Airport and Wave Transit to develop the aviation and public transportation lists. She added that the freight rail list is directly from the remaining rail projects included in the Cape Fear Transportation 2040 Plan.

Ms. Ayers expressed concerns regarding the gap in the number of projects allowed for each mode (19). Ms. Lorenzo responded that those projects from Cape Fear 2040 must be included in Prioritization 6.0. And since bicycle and pedestrian projects require a 20% local match, member jurisdictions must agree that they be included in the STIP.

Ms. Marks pointed out that NCDOT receives bicycle pedestrian submissions as well. She recommended that members coordinate with her to see if NCDOT has any available slots for their projects.

**e. River to Sea Bike Ride Proposed Registration**

Mr. Cannon gave an overview of the River to Sea event registration proposal. He stated that for the last ride, about 600 participants registered online, with an additional 40 to 50 cyclists appearing on the day of the event. He noted that MPO staff and the police who provide support during the ride have expressed safety concerns regarding participants more numerous than 450. He added that the committee met yesterday for the first time and discussed ways to cap participation.

Mr. Cannon stated that the ride has traditionally been free of charge. He noted the following potential options:

- 1. Free participation for everyone; online registration only; ride cap at 495 (considering that 10-15% are no-shows); unregistered participants to be turned away**
- 2. Free participation for pre-registration for up to 450 registrants online; unregistered cyclists may participant for a small cash fee (\$2-\$5)**

In response to an inquiry by Mr. Bennett, Mr. Cannon stated that the second option could potentially exceed the cap. He noted that staff would take note and consider other options for future events.

Mr. Cannon stated that that in the past, about one-fourth of participants purchased a t-shirt for \$10-\$15. He noted that for the third option, everyone would receive a t-shirt and pay a registration fee, as follows:

3. **\$15 t-shirt/registration fee; 495 online cap (packet pick-up at locations throughout the community the day before the event: WMPO Office, Two Wheeler Dealer or Bike Cycles)**

In response to an inquiry by Mr. Bennett, Mr. Cannon stated that participants will not be required to wear the t-shirt. However, bibs will be handed out this year.

In response to an inquiry by Mr. O'Quinn, Mr. Cannon stated that the fee would go towards expenses such as the Porta Johns at the half-way mark at Wrightsville Beach, and event insurance (about \$450 each year).

A lengthy question/answer and discussion period was held regarding event participation and the options.

Ms. Roth made a motion to recommend the second option to the MPO Board, with the small fee being set at \$5. Mr. O'Quinn seconded the motion, and it carried unanimously.

**6) Updates**

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

Bennett stated that updates are included in the agenda packet.

Ms. Ayers inquired about any road closure associated with the sewage spill and the culvert project on River Road. Mr. Bennett responded that although no road closure is anticipated; the bike lane on River Road crossing the Barnards Creek Bridge likely will be closed.

**7) Announcements**

- a. **Bike/Pedestrian Committee Meeting – April 14<sup>th</sup> at 2:00 p.m.**

In response to an inquiry by Ms. Roth, Mr. Cannon stated that an update on the Safe Routes to School program would be given.

- b. **Next TCC meeting - March 11, 2020**

**8) Adjournment**

With no further items, the meeting was adjourned at 10:34 p.m.

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

Proposed Revisions to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 20-2  
(February 2020)

* M-0539DIV	VARIOUS, ENVIRONMENTAL MITIGATION AND	MITIGATION
STATEWIDE	MINIMIZATION.	
PROJ.CATEGORY	<u>ADD FUNDS NOT PREVIOUSLY PROGRAMMED.</u>	
DIVISION		

FY 2020 - (T)	\$300,000
FY 2021 - (T)	\$300,000
FY 2022 - (T)	\$300,000
FY 2023 - (T)	\$300,000
FY 2024 - (T)	\$300,000
FY 2025 - (T)	\$300,000
FY 2026 - (T)	\$300,000
FY 2027 - (T)	\$300,000
FY 2028 - (T)	\$300,000
FY 2029 - (T)	\$300,000
FY 2030 - (T)	\$300,000
FY 2031 - (T)	\$300,000
FY 2032 - (T)	<u>\$300,000</u>
	\$3,900,000

* M-0539REG	VARIOUS, ENVIRONMENTAL MITIGATION AND	MITIGATION
STATEWIDE	MINIMIZATION.	
PROJ.CATEGORY	<u>ADD FUNDS NOT PREVIOUSLY PROGRAMMED.</u>	
REGIONAL		

FY 2020 - (T)	\$300,000
FY 2021 - (T)	\$300,000
FY 2022 - (T)	\$300,000
FY 2023 - (T)	\$300,000
FY 2024 - (T)	\$300,000
FY 2025 - (T)	\$300,000
FY 2026 - (T)	\$300,000
FY 2027 - (T)	\$300,000
FY 2028 - (T)	\$300,000
FY 2029 - (T)	\$300,000
FY 2030 - (T)	\$300,000
FY 2031 - (T)	\$300,000
FY 2032 - (T)	<u>\$300,000</u>
	\$3,900,000

\* M-0539SW VARIOUS, ENVIRONMENTAL MITIGATION AND  
STATEWIDE MINIMIZATION.  
PROJ.CATEGORY **ADD FUNDS NOT PREVIOUSLY PROGRAMMED**  
STATEWIDE

MITIGATION

FY 2020 - (T) \$400,000  
FY 2021 - (T) \$400,000  
FY 2022 - (T) \$400,000  
FY 2023 - (T) \$400,000  
FY 2024 - (T) \$400,000  
FY 2025 - (T) \$400,000  
FY 2026 - (T) \$400,000  
FY 2027 - (T) \$400,000  
FY 2028 - (T) \$400,000  
FY 2029 - (T) \$400,000  
FY 2030 - (T) \$400,000  
FY 2031 - (T) \$400,000  
FY 2032 - (T) \$400,000  
\$5,200,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #20-2 TO THE  
2018-2027 AND 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 2018-2027 State Transportation Improvement Program on August 3, 2017 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on August 30, 2017; 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 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modification #20-2.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modification #20-2.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION DISSOLVING THE CITIZEN ADVISORY COMMITTEE (CAC) AND TO RE-  
CREATE THE COMMITTEE AND/OR TASK FORCE WITH THE DEVELOPMENT OF THE  
NEXT METROPOLITAN TRANSPORTATION PLAN**

**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**, in January 2017 the Wilmington Urban Area Metropolitan Planning Organization's Board appointed a Citizen Advisory Committee to serve and help guide the Wilmington Metropolitan Planning Organization's staff, Technical Coordinating Committee and Board in their decision making process for the development of Cape Fear Moving Forward 2045; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization's Citizens Advisory Committee worked diligently and thoroughly to assist in the preparation of *Cape Fear Moving Forward 2045*; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization's Citizen Advisory Committee was a very valuable committee; and

**WHEREAS**, with no upcoming business until the Wilmington Urban Area Metropolitan Planning Organization begins the development of the next Metropolitan Transportation Plan, there is a desire to dissolve the committee and re-create a new committee and/or task force with the next plan development.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses to dissolve the Citizen Advisory Committee and re-create the committee and/or task force with the development of the next Metropolitan Transportation Plan.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE WILMINGTON RAIL REALIGNMENT PROJECT FOR  
THE BENEFITS OF ENVIRONMENTAL SUSTAINABILITY, IMPROVED COMMUTING  
TIMES, PUBLIC SAFETY, QUALITY OF LIFE, ENHANCED FREIGHT MOVEMENT, AND  
ECONOMIC DEVELOPMENT**

**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 City of Wilmington has worked with local, regional, state, federal, and private partners in the conceptualization of the Wilmington Rail Realignment Project; and

**WHEREAS**, on June 17, 2017 the Wilmington City Council accepted the Wilmington Rail Realignment and Right of Way Use Alternatives Feasibility Study which found no fatal flaws to the project, and supported continued development of the project; and

**WHEREAS**, on June 12, 2019 the Wilmington Rail Realignment Project was announced as a recipient of up to \$2 million in grant funds under the Federal Railroad Administration's Consolidated Rail Infrastructure and Safety Improvements grant program; and

**WHEREAS**, the North Carolina Department of Transportation's Board of Transportation approved during their October 2019 meeting \$250,000 in matching funds, with an additional \$250,000 in matching funding expected in the subsequent fiscal year; and

**WHEREAS**, the City of Wilmington is expected to commence work pursuant to the National Environmental Policy Act in the first half of 2020; and

**WHEREAS**, the development of the Wilmington Rail Realignment Project promotes environmental sustainability in nearby communities along the corridor; and

**WHEREAS**, the Wilmington Rail Realignment project would provide new options for the movement of goods while also enhancing mobility and public safety for the region; and

**WHEREAS**, the improvements associated with the Wilmington Rail Realignment Project will stimulate regional investment and economic development opportunities.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the furtherance of the Wilmington Rail Realignment Project to provide the region of southeast North Carolina with a solid foundation for transportation on which growth and future prosperity can be built.

**NOW THEREFORE**, also be it resolved that the Wilmington Urban Area Metropolitan Planning Organization will explore the potential for future collaboration and partnership with the City of Wilmington on the Rail Realignment Project.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



**Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs**

**STIP/MPO TIP Amendment #20-1  
(March 2020)**

* R-5968DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. <u><b>PROJECT ADDED AT REQUEST OF HYDRAULICS UNIT</b></u>	CONSTRUCTION	FY 2020 - (BGANY) \$900,000 FY 2021 - (BGANY) \$900,000 FY 2022 - (BGANY) \$900,000 FY 2023 - (BGANY) \$900,000 FY 2024 - (BGANY) \$900,000 FY 2025 - (BGANY) \$900,000 FY 2026 - (BGANY) \$900,000 FY 2027 - (BGANY) \$900,000 FY 2028 - (BGANY) \$900,000 FY 2029 - (BGANY) \$900,000 FY 2030 - (BGANY) \$900,000 FY 2031 - (BGANY) \$900,000 FY 2032 - (BGANY) <u>\$900,000</u> \$11,700,000
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\* R-5968REG  
STATEWIDE  
PROJ.CATEGORY  
REGIONAL  
  
VARIOUS, NPDES PERMIT, RETROFIT FOURTEEN  
SITES PER YEAR TO PROTECT WATER QUALITY -  
REGIONAL CATEGORY.  
**PROJECT ADDED AT REQUEST OF HYDRAULICS  
UNIT.**

CONSTRUCTION

FY 2020 - (BGANY) \$900,000  
FY 2021 - (BGANY) \$900,000  
FY 2022 - (BGANY) \$900,000  
FY 2023 - (BGANY) \$900,000  
FY 2024 - (BGANY) \$900,000  
FY 2025 - (BGANY) \$900,000  
FY 2026 - (BGANY) \$900,000  
FY 2027 - (BGANY) \$900,000  
FY 2028 - (BGANY) \$900,000  
FY 2029 - (BGANY) \$900,000  
FY 2030 - (BGANY) \$900,000  
FY 2031 - (BGANY) \$900,000  
FY 2032 - (BGANY) \$900,000  
\$11,700,000

\* R-5968SW  
STATEWIDE  
PROJ.CATEGORY  
STATEWIDE  
  
VARIOUS, NPDES PERMIT, RETROFIT FOURTEEN  
SITES PER YEAR TO PROTECT WATER QUALITY -  
STATEWIDE CATEGORY.  
**PROJECT ADDED AT REQUEST OF HYDRAULICS  
UNIT.**

CONSTRUCTION

FY 2020 - (BGANY) \$1,200,000  
FY 2021 - (BGANY) \$1,200,000  
FY 2022 - (BGANY) \$1,200,000  
FY 2023 - (BGANY) \$1,200,000  
FY 2024 - (BGANY) \$1,200,000  
FY 2025 - (BGANY) \$1,200,000  
FY 2026 - (BGANY) \$1,200,000  
FY 2027 - (BGANY) \$1,200,000  
FY 2028 - (BGANY) \$1,200,000  
FY 2029 - (BGANY) \$1,200,000  
FY 2030 - (BGANY) \$1,200,000  
FY 2031 - (BGANY) \$1,200,000  
FY 2032 - (BGANY) \$1,200,000  
\$15,600,000



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## MEMORANDUM

To: TCC Members  
From: Abby Lorenzo, Senior Transportation Planner  
Date: March 6, 2020  
Subject: \*Draft\* WMPO Potential Prioritization 6.0 Aviation Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 6.0 (P6.0) process. The P6.0 process includes a submittal window of October 2019 through May 2020 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation.

Below please find the recommendation for submittal to NCDOT for P6.0 Aviation projects.

### **Aviation**

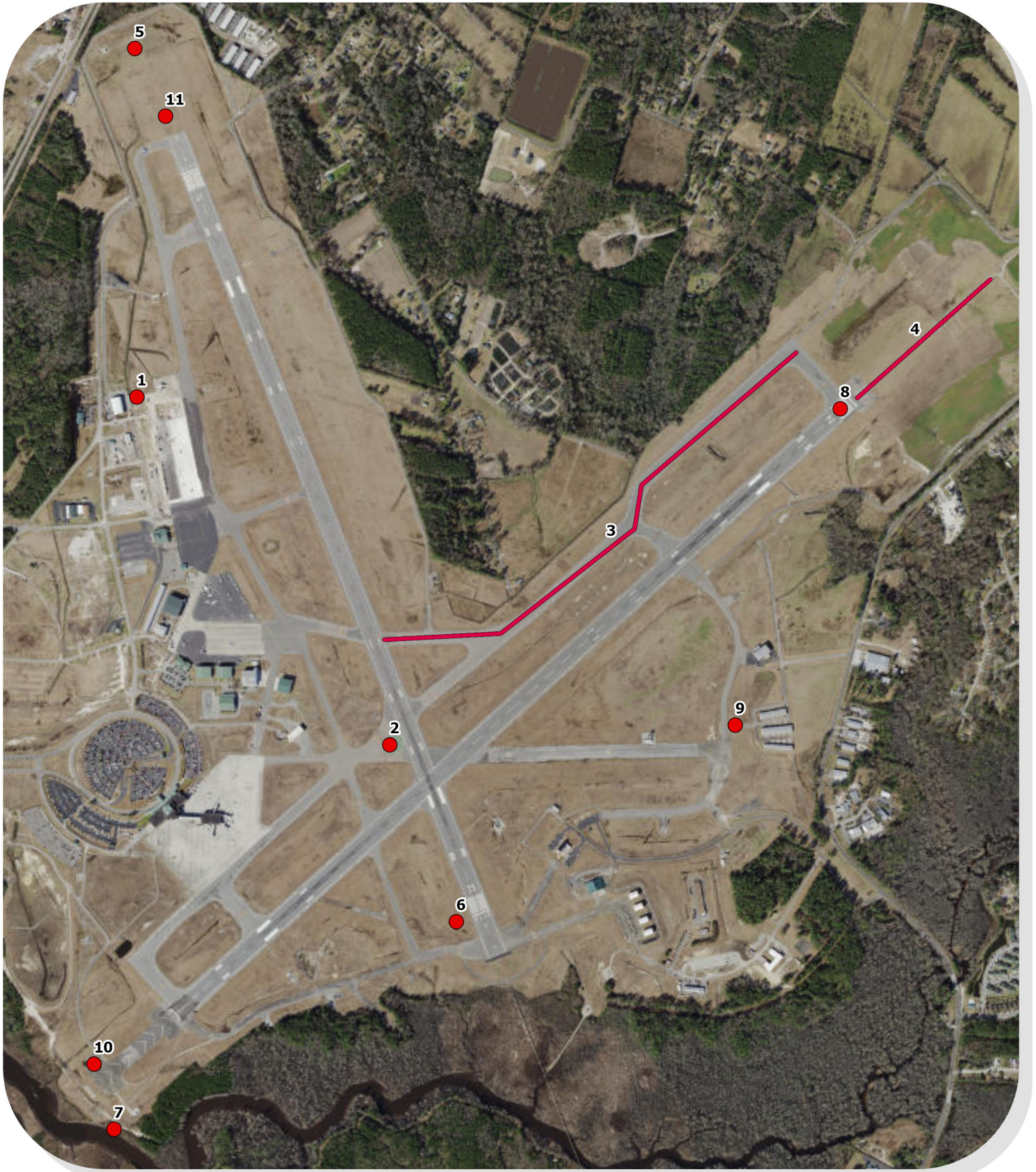
1. 1st General Aviation (GA) Hangar Taxilane
2. Midfield Taxiway Improvements
3. Perimeter Road Improvements
4. Runway 24/Taxiway Extension
5. Runway Protection Zone (RPZ)
6. Runway 35 Wind Cone/PAPI Replacement
7. Emergency Boat Ramp Access Launch
8. Runway 6-24 Blast Pad
9. 1st Paved Aircraft Taxi Lane
10. Runway 6 MALSR Catwalk
11. Runway 17/35 Blast Pads

## 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



# WMPO Prioritization 6.0 Potential Submittals: Aviation Projects



— / ● Aviation Projects

0 0.1 0.2 Miles



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE SUBMISSION OF AVIATION PROJECTS FOR  
CONSIDERATION BY NCDOT IN PRIORITIZATION 6.0**

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

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

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 6.0; and

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new aviation projects through Prioritization 6.0; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of aviation projects to submit to the North Carolina Department of Transportation for Prioritization 6.0 evaluation as follows:

- 1st General Aviation (GA) Hangar Taxilane
- Midfield Taxiway Improvements
- Perimeter Road Improvements
- Runway 24/Taxiway Extension
- Runway Protection Zone (RPZ)
- Runway 35 Wind Cone/PAPI Replacement
- Emergency Boat Ramp Access Launch
- Runway 6-24 Blast Pad
- 1st Paved Aircraft Taxi Lane
- Runway 6 MALSR Catwalk
- Runway 17/35 Blast Pads

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the submission of Aviation projects for consideration by NCDOT in Prioritization 6.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary





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

## MEMORANDUM

To: TCC Members  
From: Abby Lorenzo, Senior Transportation Planner  
Date: March 6, 2020  
Subject: \*Draft\* WMPO Potential Prioritization 6.0 Bicycle and Pedestrian Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 6.0 (P6.0) process. The P6.0 process will include a submittal window in October 1, 2019 through May 1, 2020 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation. The following list of projects are derived from Cape Fear Transportation 2040 Bicycle and Pedestrian project list, and in coordination with the WMPO's member jurisdictions.

1. BP-37 Village Road Sidewalk (Lossen Lane to Wayne Street)
2. BP-47 US 17 & Old Waterford Way/Ploof Rd Intersection
3. BP-59 US 17 & W Gate Drive/Grandiflora Drive Intersection
4. BP-61 US 17 & Provision Parkway Intersection

## 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

# WMPO Prioritization 6.0 Potential Submittals: Bicycle and Pedestrian Projects



— / ● Bike/Ped Projects

0 0.25 0.5 Miles



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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE SUBMISSION OF BICYCLE AND PEDESTRIAN  
PROJECTS FOR CONSIDERATION BY NCDOT IN PRIORITIZATION 6.0**

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

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

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 6.0; and

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new bicycle and pedestrian projects through Prioritization 6.0; and

**WHEREAS**, bicycle and pedestrian projects funded within NCDOT's Strategic Transportation Improvement Plan, which is determined from the results of Prioritization, require a local 20% match; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization requested of its members to consider its future bicycle and pedestrian plans and funding, and to submit projects from the fiscally constrained project list contained within the currently adopted Cape Fear Transportation 2040 Metropolitan Transportation Plan for which a 20% match would be provided; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of bicycle and pedestrian projects to submit to the North Carolina Department of Transportation for Prioritization 6.0 evaluation as follows:

- BP-37 Village Road Sidewalk (Lossen Lane to Wayne Street)
- BP-47 US 17 & Old Waterford Way/Ploof Rd Intersection
- BP-59 US 17 & W Gate Drive/Grandiflora Drive Intersection
- BP-61 US 17 & Provision Parkway Intersection

**NOW THEREFORE**, be it resolved that the Board of Wilmington Urban Area Metropolitan Planning Organization hereby approves the submission of bicycle and pedestrian projects for consideration by NCDOT in Prioritization 6.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



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## **MEMORANDUM**

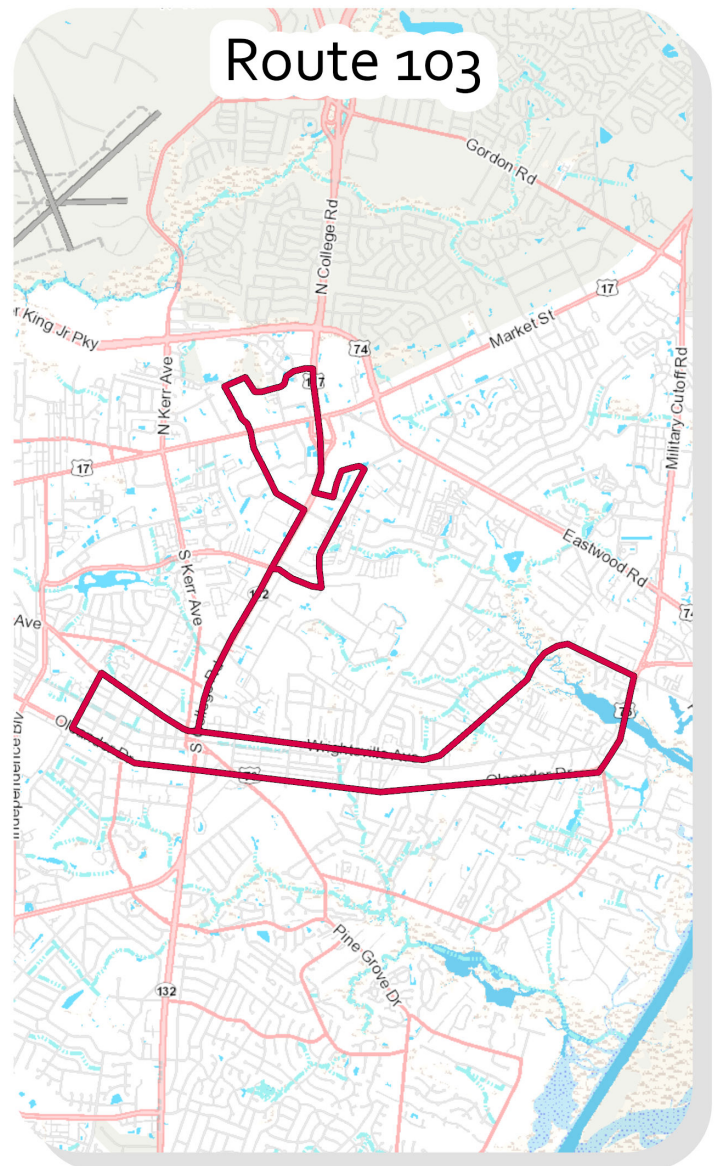
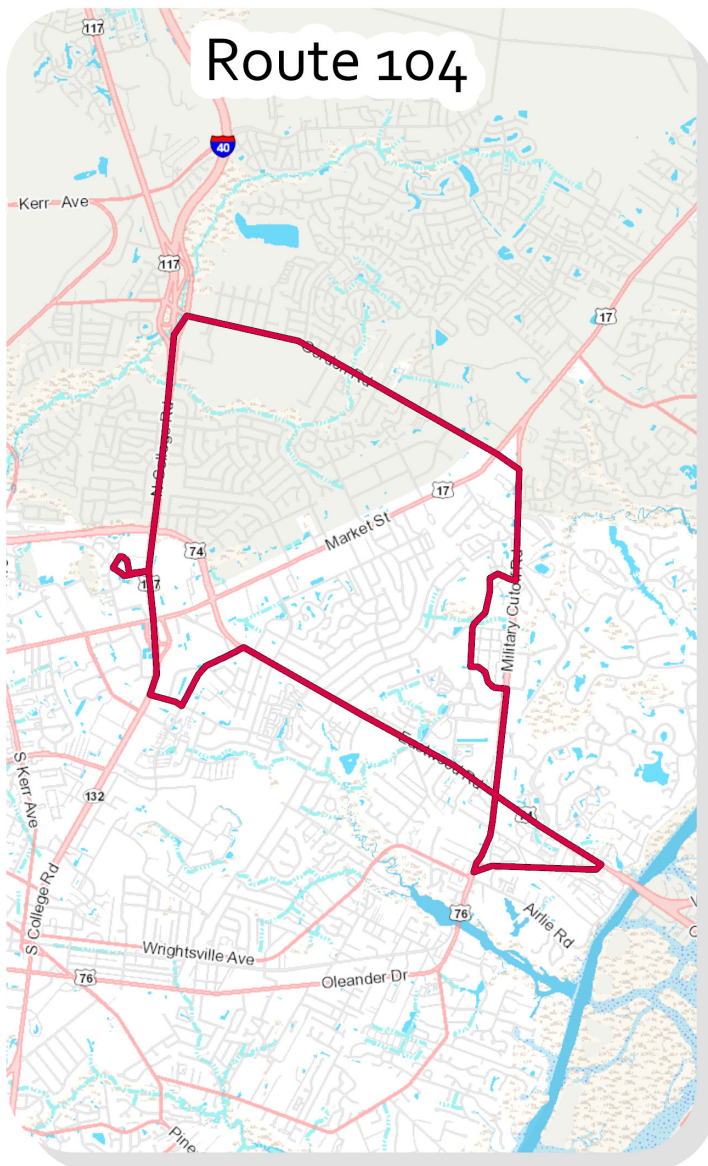
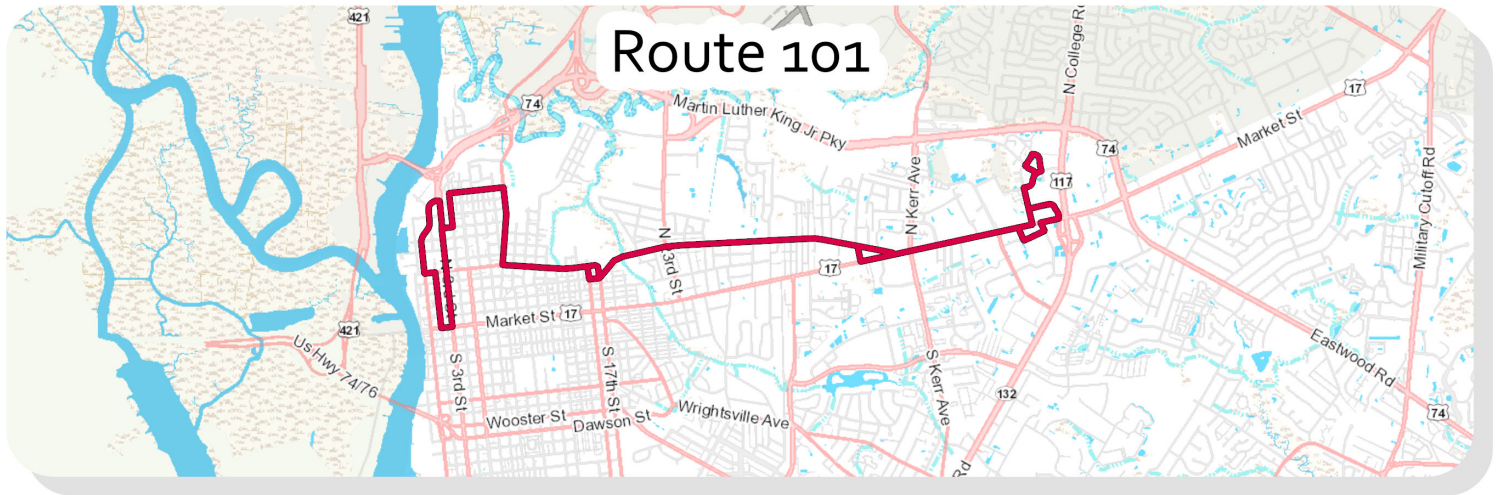
**To:** TCC Members  
**From:** Abby Lorenzo, Senior Transportation Planner  
**Date:** March 6, 2020  
**Subject:** \*Draft\* WMPO Potential Prioritization 6.0 Public Transportation Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 6.0 (P6.0) process. The P6.0 process includes a submittal window of October 2019 through May 2020 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation.

Below please find the recommendation for submittal to NCDOT for P6.0 Transit projects.

1. Route 101 Amenity Upgrades (Princess Place)
2. Route 103 Amenity Upgrades (Oleander East)
3. Route 104 Amenity Upgrades (Northeast)
4. Route 106 Amenity Upgrades (Shipyard Boulevard)
5. Route 201 Amenity Upgrades (Carolina Beach Road)
6. Route 202 Amenity Upgrades (Oleander West)
7. Route 203 Amenity Upgrades (Trolley Route)
8. Route 204 Amenity Upgrades (Brunswick Connector)
9. Route 205 Amenity Upgrades (Long Leaf Park)
10. Route 210 Amenity Upgrades (South 17<sup>th</sup> Street)

# WMPO Prioritization 6.0 Potential Submittals: Public Transportation Projects (1 of 4)



— Public Transportation Project

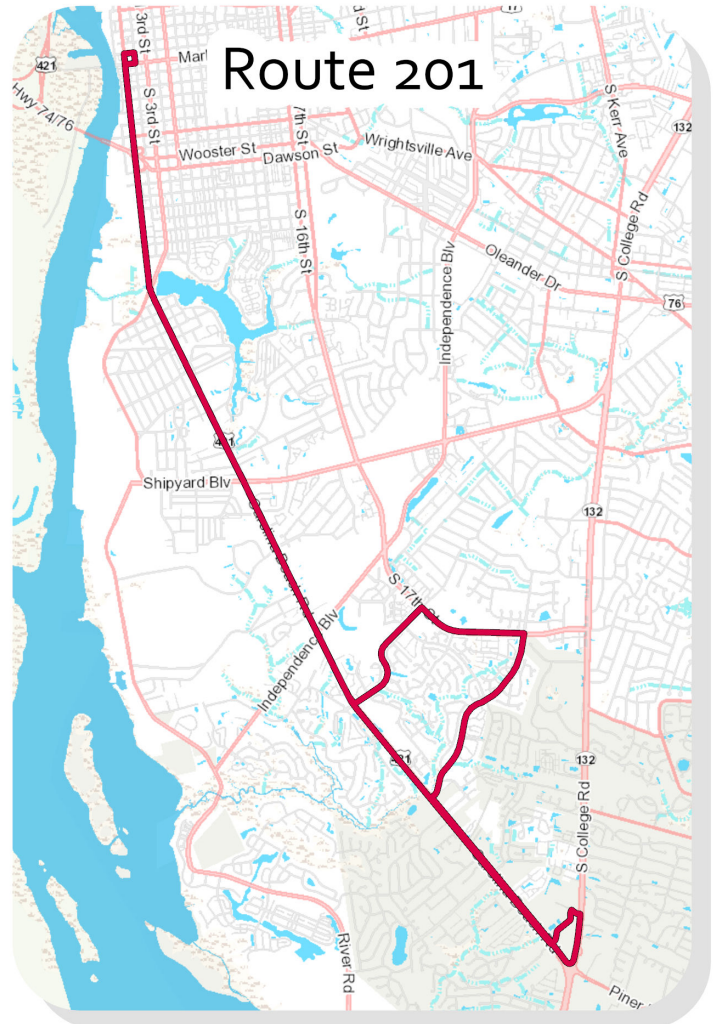
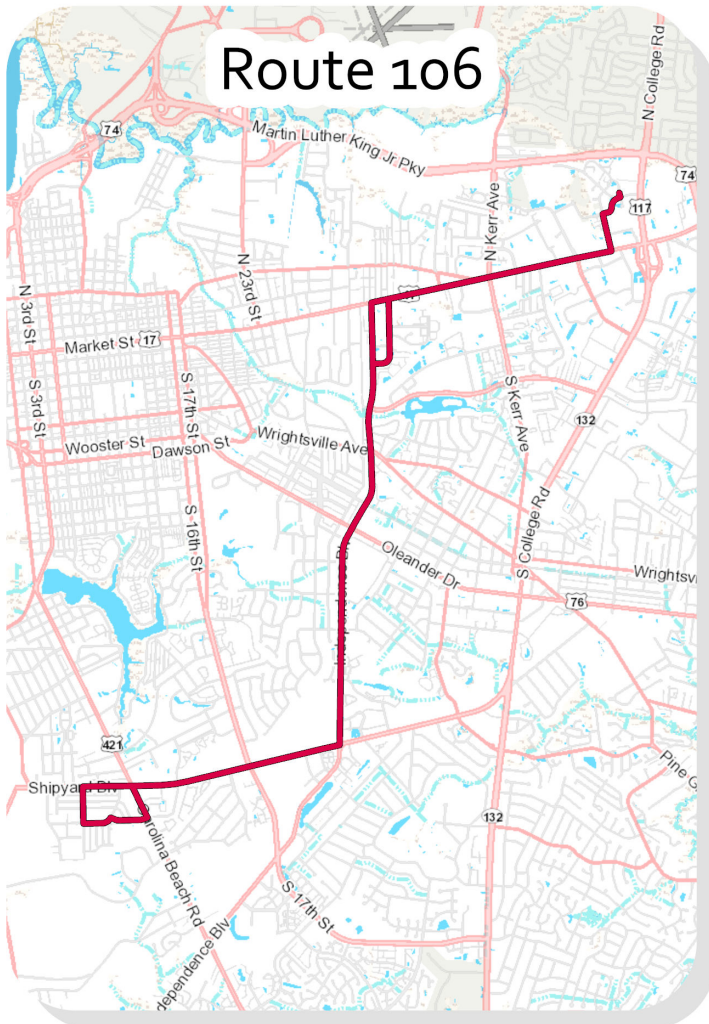
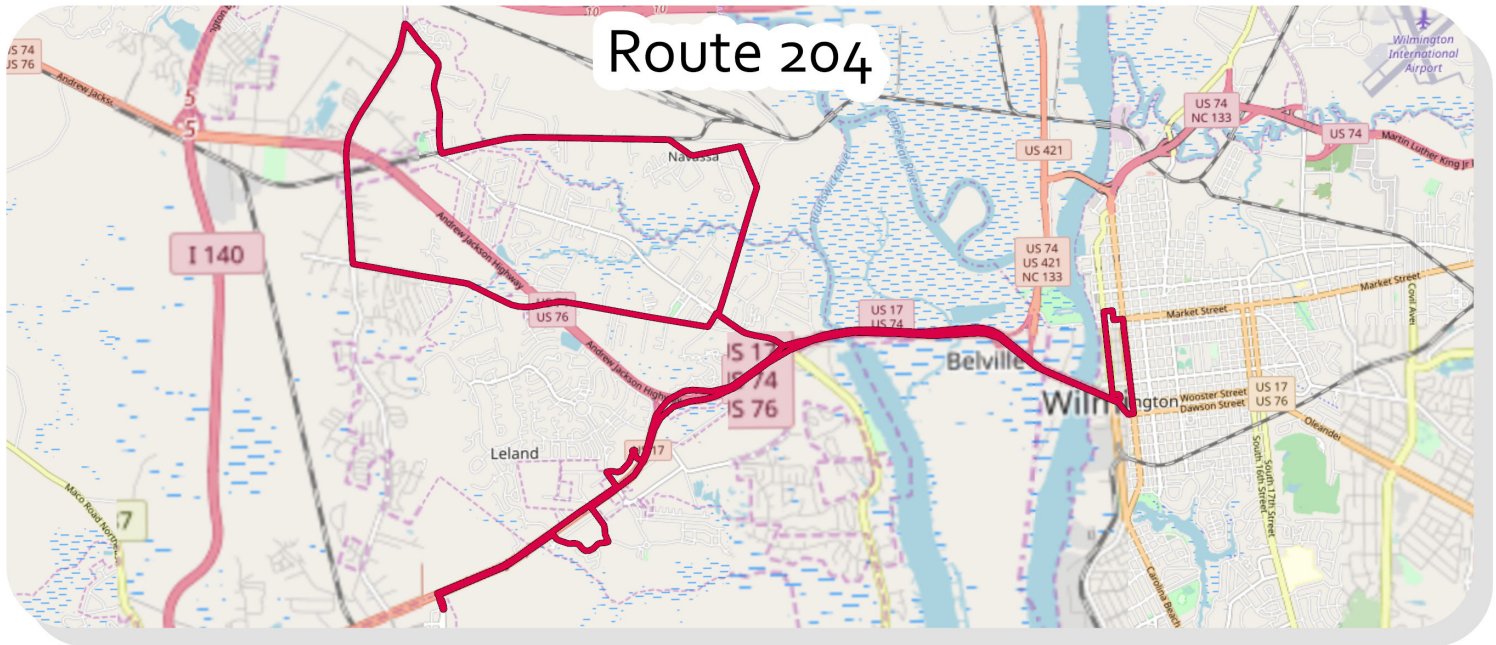
0 0.75 1.5 Miles



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# WMPO Prioritization 6.0 Potential Submittals: Public Transportation Projects (2 of 4)



— Public Transportation Project

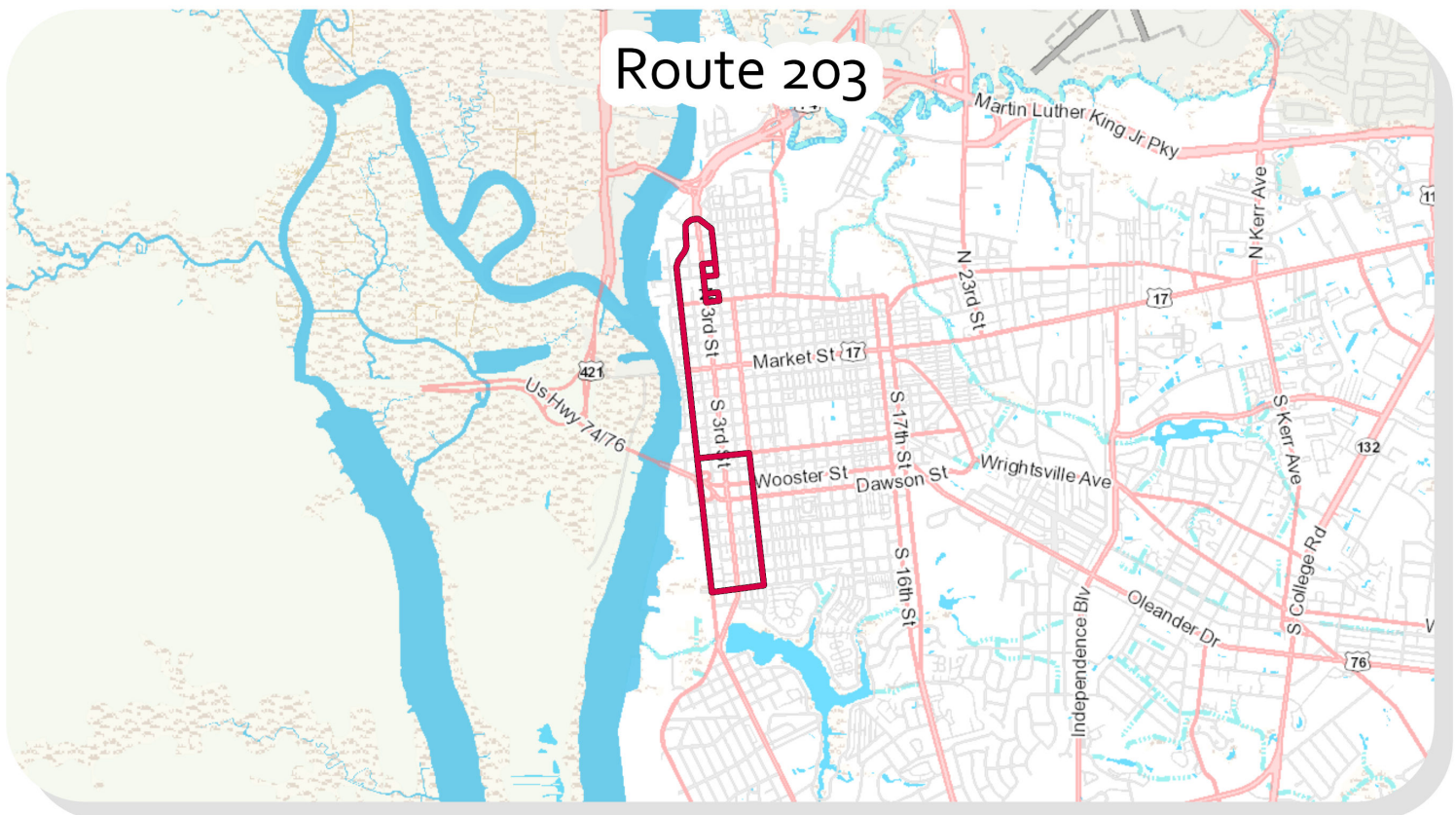
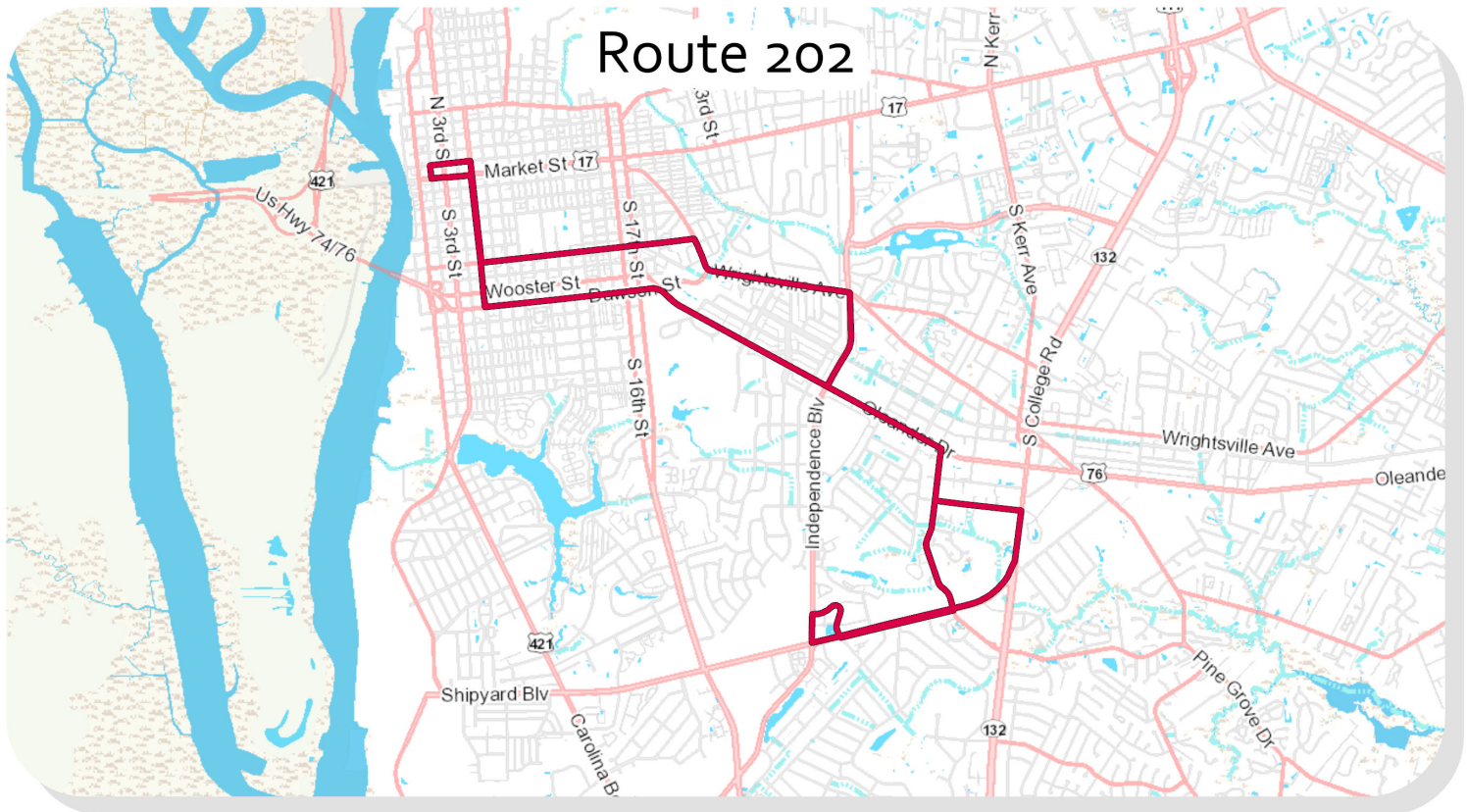
0 0.75 1.5 Miles



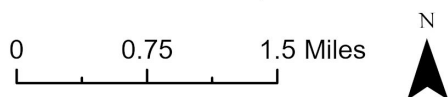
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Area Metropolitan  
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# WMPO Prioritization 6.0 Potential Submittals: Public Transportation Projects (3 of 4)



— Public Transportation Project



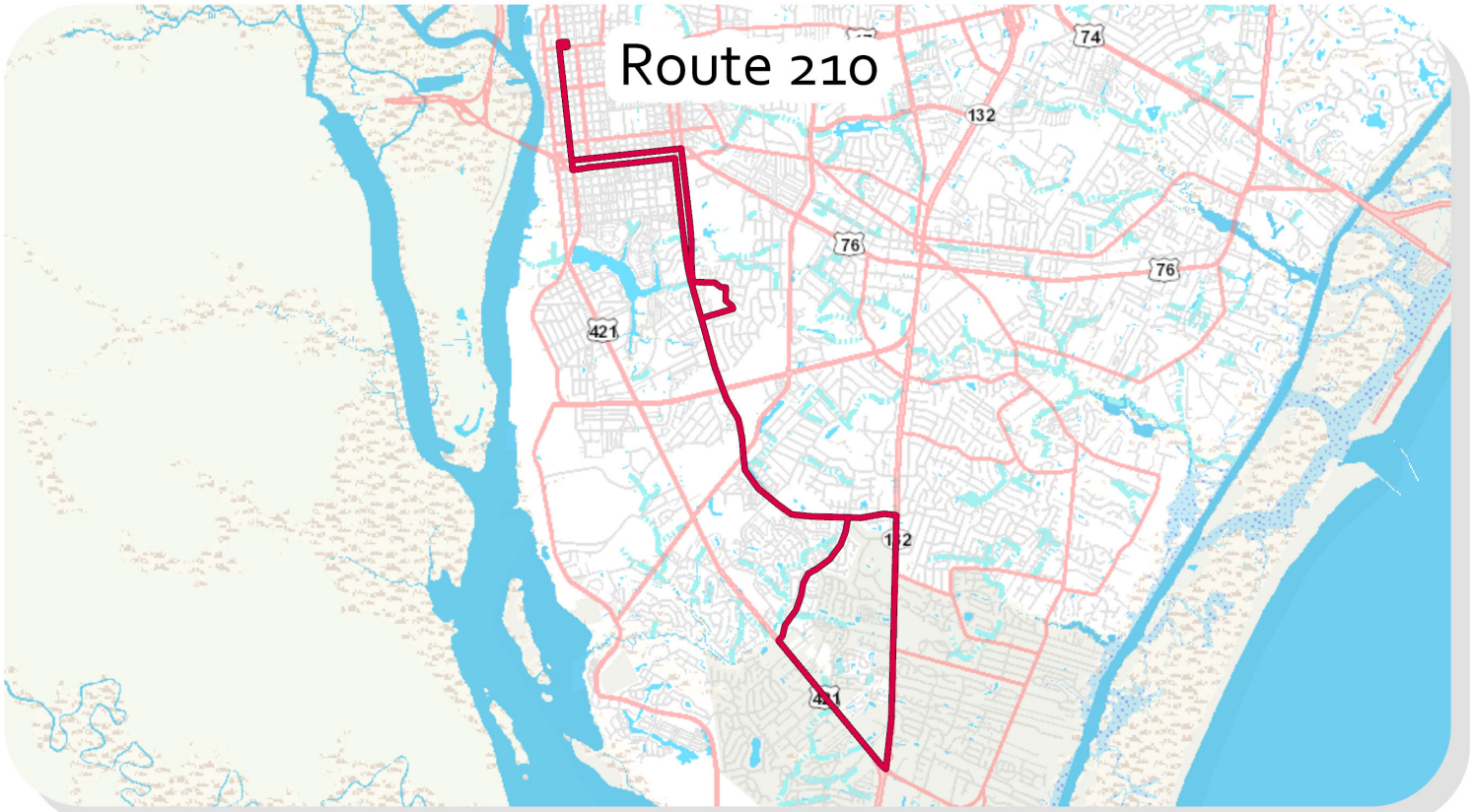


# WMPO Prioritization 6.0 Potential Submittals: Public Transportation Projects (4 of 4)

Route 205



Route 210



— Public Transportation Project

0 1 2 Miles



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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE SUBMISSION OF PUBLIC TRANSPORTATION  
PROJECTS FOR CONSIDERATION BY NCDOT IN PRIORITIZATION 6.0**

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

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

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 6.0; and

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new public transportation projects through Prioritization 6.0; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of public transportation projects to submit to the North Carolina Department of Transportation for Prioritization 6.0 evaluation as follows:

- Route 101 Amenity Upgrades (Princess Place)
- Route 103 Amenity Upgrades (Oleander East)
- Route 104 Amenity Upgrades (Northeast)
- Route 106 Amenity Upgrades (Shipyard Boulevard)
- Route 201 Amenity Upgrades (Carolina Beach Road)
- Route 202 Amenity Upgrades (Oleander West)
- Route 203 Amenity Upgrades (Trolley Route)
- Route 204 Amenity Upgrades (Brunswick Connector)
- Route 205 Amenity Upgrades (Long Leaf Park)
- Route 210 Amenity Upgrades (South 17<sup>th</sup> Street)

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the submission of public transportation projects for consideration by NCDOT in Prioritization 6.0.



**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

---

Mike Kozlosky, Secretary



305 Chestnut Street  
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Wilmington, NC 28402  
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Fax: (910) 341-7801  
www.wmpo.org

## **MEMORANDUM**

**To:** TCC Members  
**From:** Abby Lorenzo, Senior Transportation Planner  
**Date:** March 6, 2020  
**Subject:** \*DRAFT\* WMPO Potential Prioritization 6.0 Rail Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 6.0 (P6.0) process. The P6.0 process includes a submittal window of October 2019 through May 2020 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation.

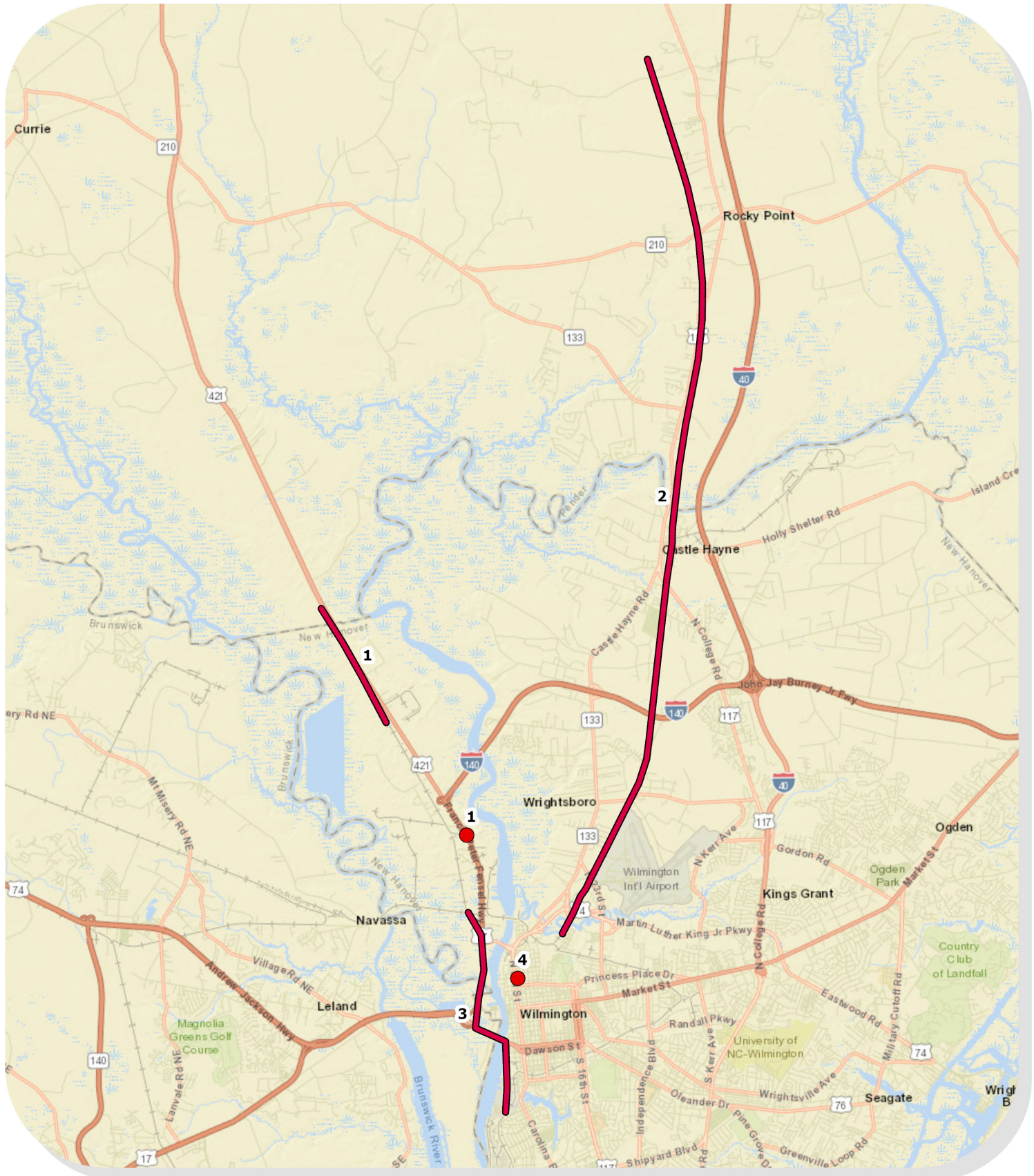
Below please find the recommendation for submittal to NCDOT for P6.0 Rail projects.

1. FR-5 and FR-6: US 421 railroad crossing safety improvements south of I-140/Dan Cameron Bridge and US 421 railroad extension from Invista to Pender Commerce Park
2. FR-16: Freight rail connection from Castle Hayne to Wallace
3. FR-17: Construct rail across the Cape Fear River between NC Port of Wilmington and Davis Yard
4. FR-24: Wilmington Multimodal Transportation Center

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

# WMPO Prioritization 6.0 Potential Submittals: Freight Rail Projects



— / ● Freight Rail Projects

0 1.5 3 Miles



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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE SUBMISSION OF RAIL PROJECTS FOR CONSIDERATION  
BY NCDOT IN PRIORITIZATION 6.0**

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

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

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 6.0; and

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new rail projects through Prioritization 6.0; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of rail projects to submit to the North Carolina Department of Transportation for Prioritization 6.0 evaluation as follows:

- FR-5 and FR-6: US 421 railroad crossing safety improvements south of I-140/Dan Cameron Bridge and US 421 railroad extension from Invista to Pender Commerce Park
- FR-16: Freight rail connection from Castle Hayne to Wallace
- FR-17: Construct rail across the Cape Fear River between NC Port of Wilmington and Davis Yard
- FR-24: Wilmington Multimodal Transportation Center

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the submission of Rail projects for consideration by NCDOT in Prioritization 6.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary





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

## **MEMORANDUM**

**To:** TCC Members  
**From:** Abby Lorenzo, Senior Transportation Planner  
**Date:** March 6, 2020  
**Subject:** \*Draft\* WMPO Potential Prioritization 6.0 Roadway Submittals

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 6.0 (P6.0) process. The P6.0 process includes a submittal window of October 2019 through May 2020 to allow MPOs, RPOs, and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation.

Below please find the recommendation for submittal to NCDOT for P6.0 Roadway projects.

### **New Submittals:**

1. R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *3 lane cross-section*
2. R-9 US 17 BUS/Market Street Road Diet (17<sup>th</sup> Street to Covil Avenue)
3. R-33 Kerr Avenue Widening (Patrick Avenue to Wrightsville Avenue)
4. R-34 Old Fayetteville Road Widening (Village Road to US74/76/Andrew Jackson Highway)
5. R-35 N 23<sup>rd</sup> Street Widening (NC 133/Castle Hayne Road to US 74/MLK Jr Parkway)
6. R-36 NC210 Improvements (NC210/Island Creek Road to US17)
7. R-37 Wilshire Boulevard Extension (US 117/132/College Road to MacMillan Avenue)
8. R-39 Country Club/Doral Drive and Sloop Point Loop Road
9. R-44 Old Fayetteville Road Interchange
10. R-47 US 117/Shipyard Boulevard Access Management (US 421/Carolina Beach Road to Rutledge Drive)
11. R-49 US 117/Shipyard Boulevard Widening (US 421/Carolina Beach Road to US 117/Shipyard Boulevard)
12. R-50 Burnett Boulevard and Myers Street Intersection
13. R-51 US 117/Shipyard Boulevard Speed Sensors and Warning Activation at NC Port of Wilmington (from US 421/Carolina Beach Road to River Road)
14. R-52 US17 to NC133 Connection (US17 to NC133)
15. R-53 NC133 River Road Widening (US17/74/76 to Westport Drive)

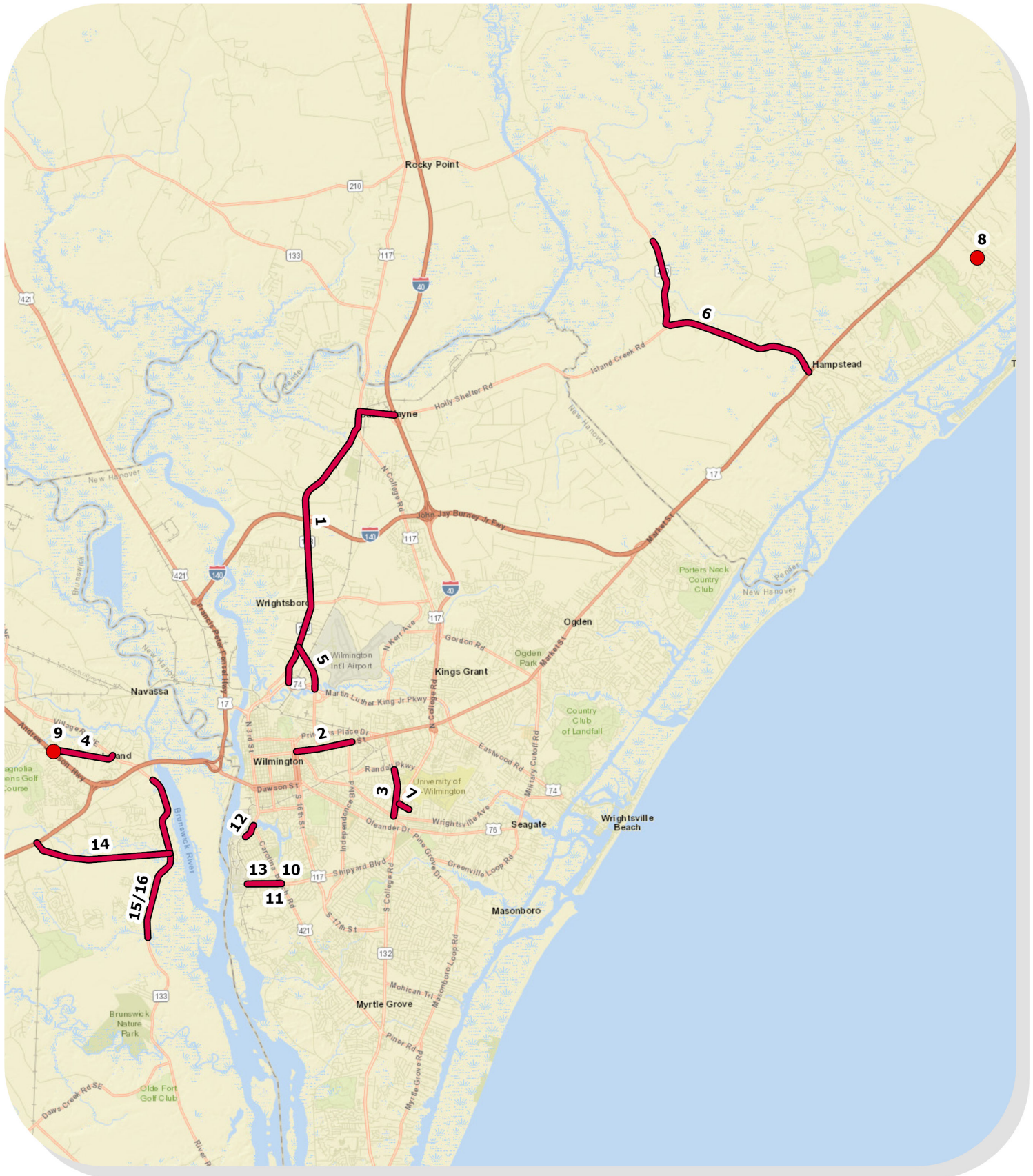
Wilmington Urban Area Metropolitan Planning Organization

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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16. R-53 NC133 River Road Widening (Westport Drive to Rabon Way SE)

# WMPO Prioritization 6.0 Potential Submittals: Roadway Projects



— / ● Roadway Projects

0 1.5 3 Miles



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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE SUBMISSION OF ROADWAY PROJECTS FOR  
CONSIDERATION BY NCDOT IN PRIORITIZATION 6.0**

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

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

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 6.0; and

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new roadway projects through Prioritization 6.0; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of roadway projects to submit to the North Carolina Department of Transportation for Prioritization 6.0 evaluation as follows:

- R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *3 lane cross-section*
- R-9 US 17 BUS/Market Street Road Diet (17<sup>th</sup> Street to Covil Avenue)
- R-33 Kerr Avenue Widening (Patrick Avenue to Wrightsville Avenue)
- R-34 Old Fayetteville Road Widening (Village Road to US74/76/Andrew Jackson Highway)
- R-35 N 23<sup>rd</sup> Street Widening (NC 133/Castle Hayne Road to US 74/MLK Jr Parkway)
- R-36 NC210 Improvements (NC210/Island Creek Road to US17)
- R-37 Wilshire Boulevard Extension (US 117/132/College Road to MacMillan Avenue)
- R-39 Country Club/Doral Drive and Sloop Point Loop Road
- R-44 Old Fayetteville Road Interchange
- R-47 US 117/Shipyard Boulevard Access Management (US 421/Carolina Beach Road to Rutledge Drive)
- R-49 US 117/Shipyard Boulevard Widening (US 421/Carolina Beach Road to US 117/Shipyard Boulevard)
- R-50 Burnett Boulevard and Myers Street Intersection
- R-51 US 117/Shipyard Boulevard Speed Sensors and Warning Activation at NC Port of Wilmington (from US 421/Carolina Beach Road to River Road)
- R-52 US17 to NC133 Connection (US17 to NC133)
- R-53 NC133 River Road Widening (US17/74/76 to Westport Drive)



- R-53 NC133 River Road Widening (Westport Drive to Rabon Way SE)

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the submission of Roadway projects for consideration by NCDOT in Prioritization 6.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**Wilmington Urban Area Metropolitan Planning Organization**  
**Draft 2020 Legislative Agenda**

**Corridor Preservation**

*The Wilmington Urban Area MPO requests the General Assembly identify techniques and continue support corridor protection that is vital implement projects in the state of North Carolina. The MPO requests the North Carolina General Assembly continue to protect the Wilmington Urban Area Metropolitan Planning Organization for the filing of the Transportation Corridor maps for the Hampstead Bypass (R-3300). The MPO also requests the North Carolina General Assembly and North Carolina Department of Transportation provide funding for advanced right-of-way acquisition for larger transportation projects.*

**Transportation Financing**

*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.*

**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**

*Senate Bill 257 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 METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE 2020 LEGISLATIVE AGENDA**

**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**, in an effort to maintain and enhance the transportation infrastructure and quality of life enjoyed by the citizens and visitors of the Wilmington region, the Wilmington Urban Area Metropolitan Planning Organization's Board is committed to working in partnership with our colleagues, other governmental entities and local, state and federal delegation; and

**WHEREAS**, local governments, the North Carolina General Assembly and the United States Congress all play essential roles in helping the region provide efficient transportation systems; and

**WHEREAS**, to facilitate these productive relationships with our local, state and federal partners, the Wilmington Urban Area Metropolitan Planning Organization established a legislative agenda to share with our delegation in the North Carolina General Assembly and United States Congress.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2020 Legislative Agenda.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

F. Darryl Mills  
Mayor

Ken Dull  
Alderman

Zeke Partin  
Alderman



Hank Miller  
Mayor Pro-Tem

Jeff DeGroot  
Alderman

Tim Owens  
Town Manager

## TOWN OF WRIGHTSVILLE BEACH

Post Office Box 626  
321 Causeway Drive  
Wrightsville Beach, North Carolina 28480  
(910)239-1700  
FAX (910)256-7910

February 15, 2020

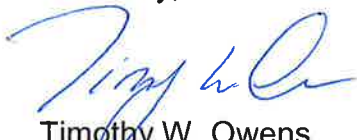
Mike Kozlosky, WMPO Executive Director  
Wilmington Urban Area  
Metropolitan Planning Organization  
PO Box 1810  
Wilmington, NC 28402

Dear Mike,

Attached is a resolution requesting supplemental STP-DA funds for the Coral Drive Sidewalk Project (TIP #U-5534-S). The request is for a total of \$175,000 and the Town has agreed to the additional match of \$35,000 (\$140,000 STP-DA, \$35,000 Town). The request is due to unanticipated overruns. The engineer's estimate for the project exceeds early project estimates and the cost of engineering is higher than originally projected.

Thank you for your assistance and consideration regarding this request. If you have any questions, please contact me at (910)239-1770.

Sincerely,



Timothy W. Owens  
Town Manager

## RESOLUTION NO. (2020) 2189

Board of Aldermen  
Town of Wrightsville Beach, North Carolina  
Date: February 13, 2020



A RESOLUTION OF THE BOARD OF ALDERMEN OF  
THE TOWN OF WRIGHTSVILLE BEACH, NORTH CAROLINA  
APPROVING A SUPPLEMENTAL REQUEST FOR STP-DA GRANT FUNDING  
FOR U-5534-S (CORAL DRIVE SIDEWALK PROJECT)  
WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

**WHEREAS**, A Grant Agreement between the Town of Wrightsville Beach and the North Carolina Department of Transportation for a STP-DA Grant for the Coral Drive Sidewalk Project (TIP #U-5534-S) was approved in 2015; and

**WHEREAS**, Construction costs have significantly increased since 2015 and the amount of engineering and oversight required for a STP-DA Grant is higher than originally anticipated; and

**WHEREAS**, The Town anticipates that the cost overrun due to the items mentioned above could be an additional \$175,000 above the current STP-DA Grant funding awarded.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Aldermen of the Town of Wrightsville Beach, North Carolina does hereby request supplemental STP-DA funding in the amount of \$140,000 and the Town will match this supplemental funding in the amount of \$35,000 for a total of \$175,000.

This Resolution duly adopted this 13<sup>th</sup> day of February, 2020.

A blue ink signature of F. Darryl Mills, Mayor, written over a horizontal line.

F. Darryl Mills, Mayor

ATTEST:

A blue ink signature of Sylvia J. Holleman, Town Clerk, written over a horizontal line.  
Sylvia J. Holleman, Town Clerk



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF ADDITIONAL DIRECT ATTRIBUTABLE FUNDS  
TO THE TOWN OF WRIGHTSVILLE BEACH FOR THE CORAL DRIVE SIDEWALK PROJECT (U-  
5534S)**

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

**WHEREAS**, on July 18, 2012 the Federal Transit Administration (FTA) and the Federal Highways Administration (FHWA) designated the Wilmington Urban Area Metropolitan Planning Organization as a Transportation Management Area (TMA); and

**WHEREAS**, Surface Transportation Block Grant- Direct Attributable (STBGP-DA) funds are available for all designated TMAs; and

**WHEREAS**, the STBGP-DA program was previously known as the Surface Transportation Program-Direct Attributable (STP-DA) program under Moving Ahead for Progress in the 21st Century Act (MAP-21); and

**WHEREAS**, on January 28, 2015 the Wilmington Urban Area Metropolitan Planning Organization's Board allocated Direct Attributable funds to the Town of Wrightsville Beach for the Coral Drive sidewalk project; and

**WHEREAS**, due to the escalation of construction costs as well as engineering and oversight required for this project being higher than anticipated, the Town is requesting additional funding from the Wilmington Urban Area Metropolitan Planning Organization; and

**WHEREAS**, the Town of Wrightsville Beach has requested an additional \$140,000 in Direct Attributable funds from the Wilmington Urban Area Metropolitan Planning Organization and has confirmed their willingness to provide a local match of an additional \$35,000 to this project.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the allocation of additional Direct Attributable funding in the amount of \$140,000 to the Town of Wrightsville Beach for the Coral Drive sidewalk project (U-5534S).

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

## **WMPO Bicycle and Pedestrian Advisory Committee Model Electric Bicycle Ordinance**

**The purpose of this model ordinance is to provide clarity on how electric bicycles may be regulated in any of the WMPO Member Jurisdictions. This document provides guidelines on how e-bikes must be equipped and operated in order to protect the safety of e-bike operators, the riders of traditional bicycles, and pedestrians.**

### **A. Applicability**

- i. The provisions of this section shall apply to all public land and right of way.
- ii. It is at the discretion of the member jurisdiction to review and determine what public parks and gardens shall permit Classes 1 and 2 Electric Bicycles to be ridden on paths and trails.

### **B. Definitions**

- i. *Electric bicycle or electric-assist bicycle:* a bicycle that uses an electric component to augment human power. The Consumer Product Safety Act (H.R. 727) defines a “low speed electric bicycle “ as “a two or three wheeled vehicle with fully operable pedals and an electric motor of less than 750 watts (1 h.p.), whose maximum speed on a paved level surface, when powered solely by such a motor while ridden by an operator who weights 170 points, is less than 20 mph.” The styles of e-bikes vary and can be classified in three ways.
- ii. *Class 1 Electric Bicycle:* a bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches a speed of 20 miles per hour or greater.
- iii. *Class 2 Electric Bicycle:* a bicycle that is equipped with a motor that may be used exclusively to propel the bicycle, and that is not capable of providing assistance when the bicycle reaches speeds of 20 miles per hour or greater.
- iv. *Class 3 Electric Bicycle:* a bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches a speed of 28 miles per hour or greater, and is equipped with a speedometer.

For all classes, the maximum power output is 750 watts. Manufacturers and distributors of electric bicycles are required to apply a class identification label to each electric bicycle.

### **C. Regulations pertaining to riding electric bicycles on public facilities**

- i. The top priority of these regulations is safety. Class 1 and 2 bicycles are permitted to travel anywhere traditional bikes are permitted, as maximum assisted speeds of these vehicles is similar to the speeds traveled by traditional bicycles. Class 3 electric bicycles may be

ridden on streets and roadways where traditional bicycles are permitted, including bicycle lanes, but are restricted from slower speed areas such as multiuse paths and sidewalks.

- ii. Electric bicycles that are in class 1 and 2 are permitted to be ridden on designated off-road bicycle routes, designated park trails, multiuse paths and greenways, as well as the public roadway.
- iii. Electric bicycles in class 3 are not permitted on any off-road facility including unpaved park trails, sidewalks and multiuse paths. Class 3 electric bicycles are only permitted to be ridden on the public roadway, excluding fully controlled access highways.
- iv. Because of an electric bicycle's ability to reach speeds of 20 miles per hour with little to no pedal effort, every person operating any form of electric bicycle shall wear a helmet or hard-shell head cover secured to the head by a strap or retention device that complies with Federal Motor Vehicle Safety Standard 2018. The failure to wear a helmet shall be considered an infraction and is subject to a penalty of twenty-five dollars and fifty cents (\$25.50) plus the following court costs. This figure is derived from Chapter 20-140.4 of the North Carolina General Statutes pertaining to the operation of mopeds.
- v. Every person operating any form of electric bicycle on the public right of way must follow all bicycling traffic laws provided in Chapter 20 of the North Carolina General Statutes.



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE WILMINGTON URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION'S BICYCLE AND PEDESTRIAN ADVISORY  
COMMITTEE'S MODEL ELECTRIC BICYCLE ORDINANCE**

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization's Bicycle and Pedestrian Advisory Committee is tasked with providing recommendations on policies; and

**WHEREAS**, through this role the Bicycle and Pedestrian Advisory Committee shall encourage projects, plans, programs, and ideas that will promote a safer environment for bicycling and walking in the Wilmington Urban Area Metropolitan Planning Organization's planning area; and

**WHEREAS**, in recent years, electric bicycles have grown in popularity throughout the United States; and

**WHEREAS**, electric bicycles, using an electric motor to augment human power, may travel at greater speeds with less effort on the part of the operator than a traditional bicycle; and

**WHEREAS**, the Bicycle and Pedestrian Advisory Committee recognized the importance and need to develop guidelines to regulate the use of electric bicycles; and

**WHEREAS**, the Bicycle and Pedestrian Advisory Committee, in coordination with Wilmington Urban Area Metropolitan Planning Organization staff and representatives from the Technical Coordinating Committee, developed these standards and language as a model ordinance to be used as a resource for our member jurisdictions; and

**WHEREAS**, the proposed ordinance is a recommendation and would require approval by the member jurisdiction before the proposed ordinance would be enforced in that jurisdiction; and

**WHEREAS**, the Bicycle and Pedestrian Advisory Committee voted to recommend the Electric Bicycle Model Ordinance on February 11, 2020.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the Bicycle and Pedestrian Advisory Committee's Model Electric Bicycle Ordinance.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

## Proposed Revisions to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

### STIP/MPO TIP Modification # 20-3 (March 2020)

TA-6665 STATEWIDE PROJ.CATEGORY	5311 CAPITAL FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	CAPITAL	FY 2021 - <del>\$4,749,000</del> ( 5311) \$4,749,000
* TA-6666 STATEWIDE PROJ.CATEGORY	STATEWIDE, 5339 BUS AND BUS FACILITIES <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	CAPITAL	FY 2021 - <del>\$6,750,000</del> (5339) \$6,750,000
* TC-5004 STATEWIDE PROJ.CATEGORY	5311 ADTAP CAPITAL FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	CAPITAL	FY 2021 - <del>\$3,392,000</del> (ADTAP) \$3,392,000
* TI-6109 STATEWIDE PROJ.CATEGORY	5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	OPERATIONS	FY 2021 - <del>\$4,620,000</del> (5311) \$4,620,000
* TK-4900Z STATEWIDE PROJ.CATEGORY	5311 STATE ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS RECEIVED</u> <u>FROM FTA ADMINISTERED BY PTD BASED ON</u> <u>SFY21 GRANTS</u>	OTHER	FY 2021 - <del>\$3,080,000</del> (5311) \$3,080,000

* TK-4902 STATEWIDE PROJ.CATEGORY	5311 ADTAP STATE ADMINISTRATIVE FUNDS <u>MODIFYING THE FEDERAL FUNDS RECEIVED</u> <u>FROM FTA ADMINISTERED BY PTD BASED ON</u> <u>SFY21 GRANTS</u>	OTHER	Y 2021 - \$235,000 (ADTAP) \$235,000
* TK-6181 STATEWIDE PROJ.CATEGORY	5311 ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS RECEIVED</u> <u>FROM FTA ADMINISTERED BY PTD BASED ON</u> <u>SFY21 GRANTS</u>	OTHER	FY 2021 - <u>\$15,025,000</u> (5311) \$15,025,000
* TO-6135 STATEWIDE PROJ.CATEGORY	5311 OPERATING FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	OPERATIONS	FY 2021 - <u>\$947,000</u> (5311) \$947,000
* TQ-6954 STATEWIDE PROJ.CATEGORY	5310 OPERATING PROJECTS <u>MODIFYING THE FEDERAL FUNDS RECEIVED</u> <u>FROM FTA ADMINISTERED BY PTD BASED ON</u> <u>SFY21 GRANTS</u>	OPERATIONS	FY 2021 - <u>\$1,960,000</u> (5310) \$1,960,000
* TQ-9038 STATEWIDE PROJ.CATEGORY	5310 CAPITAL PROJECTS FOR RURAL <u>MODIFYING THE FEDERAL FUNDS</u> <u>RECEIVED FROM FTA ADMINISTERED BY PTD</u> <u>BASED ON SFY21 GRANTS</u>	CAPITAL	FY 2021 - <u>\$2,850,000</u> (5310) \$2,850,000

* TS-4900Z	RTAP STATEWIDE FUNDS FOR FTA	OTHER	FY 2021 - <u>\$480,000</u> (RTAP)
STATEWIDE	GRANTS <u>MODIFYING THE FEDERAL FUNDS</u>		\$480,000
PROJ.CATEGORY	<u>RECEIVED FROM FTA ADMINISTERED BY PTD</u>		
	<u>BASED ON SFY21 GRANTS</u>		
* TV-4903	5310 STATE ADMINISTRATIVE	OTHER	FY 2021 - <u>\$450,000</u> (5310)
STATEWIDE	FUNDS <u>MODIFYING THE FEDERAL FUNDS</u>		\$450,000
PROJ.CATEGORY	<u>RECEIVED FROM FTA ADMINISTERED BY PTD</u>		
	<u>BASED ON SFY21 GRANTS</u>		





U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**North Carolina Division**

February 27, 2020

310 New Bern Avenue, Suite 410  
Raleigh, NC 27601  
(919) 856-4346  
(919) 747-7030  
<http://www.fhwa.dot.gov/ncdiv/>

In Reply Refer To:  
HDA-NC

Mr. David Piepmeyer  
Chairman, MPO Board  
Wilmington Urban Area MPO  
P.O. Box 1810  
Wilmington, NC 28402

**Subject:** Federal Highway Administration (FHWA)/Federal Transit Administration (FTA)  
Certification Review of the Wilmington Metropolitan Planning Organization  
(MPO) Transportation Planning Process

Dear Mr. Piepmeyer:

The Fixing America's Surface Transportation Act (FAST Act) continues to mandate the certification of the transportation planning process in Transportation Management Areas (TMAs) at least once every four years by the U.S. Department of Transportation. The purpose of the certification review is to determine if the planning process being conducted in the area meets the Federal requirements as listed in 23 CFR 450 Part C. We will be conducting our review of the Wilmington Urban Area Metropolitan Planning Organization (WMPO) because they are classified as a TMA having a population greater than 200,000, as determined by the U.S. Census.

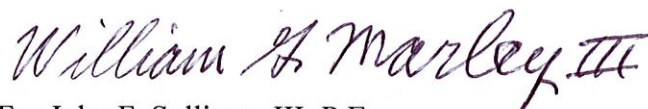
The Federal certification review team will consist of staff from the Federal Highway Administration (FHWA) North Carolina Division Office and the Federal Transit Administration (FTA) Region 4 office. The North Carolina Department of Transportation (NCDOT) may also participate in the review. We have streamlined the review process, whereby much of the review will take place by way of a desk audit of major program areas in advance of the on-site review.

The on-site visit review will be conducted on Thursday, April 30, 2020, in Wilmington, NC.

An important part of the certification review is providing the public with an opportunity to comment. We will work with Mr. Kozlosky to arrange for the use of social media as well as to advertise through the local media. The public comment period will be open from March 26, 2020, to April 25, 2020. Outreach will include a short survey and the opportunity to provide feedback via e-mail and U.S. Mail. A formal public meeting will not be held. We also offer you and the WMPO Board members as well as the Technical Coordinating Committee (TCC) the opportunity to share your feedback with the review team. The review team will be available after 4:00 pm on April 30, 2020. Please reserve a time with Mr. Kozlosky. The Federal team will hold a short debriefing to summarize some of the draft findings at the conclusion of the on-site visit.

Mr. Bill Marley will be leading the review with assistance from Mr. George Hoops and Mr. John Crocker. Please do not hesitate to contact Mr. Marley if you have any questions. He can be reached at 919-747-7028 or via e-mail at [bill.marley@dot.gov](mailto:bill.marley@dot.gov).

Sincerely,

A handwritten signature in dark ink, reading "William F. Marley, III". The signature is written in a cursive style with a prominent "W" and "M".

For John F. Sullivan, III, P.E.  
Division Administrator

cc: Mr. Don Bennett, Vice Chairman, TCC  
Mr. Mike Kozlosky, MPO Executive Director

**WILMINGTON URBAN AREA**  
**MPO March 2020**

**2045 METROPOLITAN TRANSPORTATION PLAN**

**Project Description/Scope:** The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3, 2018 and July 31, 2018. During this period, there were 2,287 transportation survey responses, 563 comments on the public input map tool, and 4,554 votes on map comments, totaling 7,404 responses collected. In July 2018, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives, which were completed in October 2018 and officially adopted by the Board in November 2018. The Modal Subcommittees have completed scoring criteria, evaluation of projects and development of the draft policies. The CAC, TCC and Board received the financial forecasts and potential alternative funding sources in March 2019. The consultant completed the project cost estimates and alternative funding forecasts in June 2019. A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting and adopted a resolution endorsing the amended draft project lists in September 2019. In November 2019 the Board passed a resolution to include the estimated toll revenues for the Cape Fear Crossing project within the fiscally constrained projects list as a supported alternative form of funding. The draft plan was released for public comment on February 26th, 2020. Comments about the draft plan will be accepted for 30 days, with the comment period ending on March 27th, 2020.

**Next Steps:**

- Revisions to draft plan based on public comments and approval by WMPO Board in Spring 2020
- Presentation of plan to WMPO members in Summer 2020
- Adoption of final plan in October 2020

**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 Development Plan Reviews: 12 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 1 reviews
- Town of Navassa Formal Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept 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: 14 total (New Hanover County 3, City of Wilmington 8, Carolina Beach 0, Leland 1, Navassa 0, and Pender County 2, Brunswick County 0) ; new 0 and ongoing 14
- Pender County Development Plan Reviews: 4 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 44 (8 new, 36 on-going)
- City of Wilmington Informal Reviews: 31 (4 new, 27 on-going)
- City of Wilmington Concept Reviews: 2 ( 2 new concept reviews- 0 on-going concept)
- COW Project Releases: 5 Full releases

**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:**

- Complete review of final design package and submit to NCDOT for review– Spring 2020
- NCDOT final design approval and City to request Construction Funds Authorization – Summer 2020
- Begin Construction – Late 2020

**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:**

- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4, 2018
- Davenport identified potential utility conflicts; The Town has authorized Level A – S.U.E. services to be performed to verify where conflicts exist; AECOM will revise plans to reflect any utility relocations that must be done; revised plans must then be approved by NCDOT.
- Supplemental underground utility conflict drawings were sent to Ron VanCleaf on September 30, 2019 and these drawings were approved on October 17, 2019.
- Supplemental Agreement #3 dated March 28, 2019 extends project completion deadline to July 1, 2020.
- On November 21, 2019, MPO requested DOT to issue Supplemental Agreement #4 to provide supplemental appropriation of federal funds for the additional amount of \$517,477 with an additional local match for the amount of \$129,370. The Town also requested an extension of the project completion deadline to June 30, 2021. Supplemental Agreement #4 has been signed by the Town and returned to NCDOT for signature
- Town sent the following documents to Ron VanCleaf on November 12, 2019: VCER-1 Form, NPDES Stormwater Certification, DOT Encroachment Agreement with plans. Waiting to receive signed encroachment agreement from DOT.

- Received plan comments from NCDOT's Traffic Engineering Division pertaining to the encroachment agreement plans. AECOM will address the comments and send revisions for approval. Engineer mistakenly sent revised PMP plans to DOT in Raleigh on 2/13. GV resent PMP to local DOT office on 3/3. DOT to review and approve revised plans before issuing encroachment agreement.
- Revised bid specifications send to NCDOT on February 26<sup>th</sup>
- Bid and award timeline will depend upon receipt of signed encroachment agreement, prefer to bid this and projects U-5534I, J and K at the sametime.

#### **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. The right of way certification was received November 2, 2016.

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

- Plans approved August 20, 2019
- Specification comments received September 24, 2019;
- NCDOT approved final bid proposal on 12/23/19; Utility/RR certification submitted and construction authorization requested on February 26, 2020
- Begin Construction – Spring 2020
- Complete Construction – Fall 2020

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

**Project Descriptions/Scope:** The project consist of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

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

- Complete final design package and submit to NCDOT for review–Spring 2020
- Update/renew permits – Spring 2020
- NCDOT final design approval – Summer 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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

**Project Descriptions/Scope:** This project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

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

- Complete final design package and submit to NCDOT for review– Spring 2020
- Update/renew permits – Spring 2020
- NCDOT final design approval – Summer 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022



## **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:**

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by January 30, 2020. All easements have been acquired.
- Easement documents send to NCDOT on February 14<sup>th</sup>. Waiting on Right of Way certifications to be issued.
- Encroachment agreement needed once right-of-way finalized. Encroachment Agreement application sent to NCDOT on January 7<sup>th</sup>.
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019. Comments returned on December 30<sup>th</sup> and January 10<sup>th</sup>. Revised plans to address latest comments sent to NCDOT on January 30<sup>th</sup>.
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; received fully executed copy of Supplemental Agreement #3.
- Revised bid specifications sent to NCDOT on February 26<sup>th</sup>
- Let date will be set to match up with “J” and “K” projects after encroachment agreement and right of way certification is issued. Try to coordinate bid and let date with “D” project.

## **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:**

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by February 10, 2020.
- Easement documents send to NCDOT on February 14<sup>th</sup>. Waiting on Right of Way certifications to be issued.
- Encroachment agreement needed once right-of-way finalized. Encroachment Agreement application send to NCDOT on January 7<sup>th</sup>.
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019. Comments returned on December 30<sup>th</sup> and January 10<sup>th</sup>. Revised plans to address latest comments sent to NCDOT on January 30<sup>th</sup>.
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; received fully executed copy of Supplemental Agreement #3.
- Revised bid specifications sent to NCDOT on February 26<sup>th</sup>
- Let date will be set to match up with “I” and “K” projects after encroachment agreement and right of way certification is issued. Try to coordinate bid and let date with “D” project.

**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:**

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by January 31, 2020. All easements have been acquired.
- Easement documents sent to NCDOT on February 14th. Waiting on Right of Way certifications to be issued.
- Encroachment agreement needed once right-of-way finalized. Encroachment agreement application sent to NCDOT on January 7<sup>th</sup>.
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019. Comments returned on December 30<sup>th</sup> and January 10<sup>th</sup>. Revised plans to address latest comments sent to NCDOT on January 30<sup>th</sup>.
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; received fully executed copy of Supplemental Agreement #3.
- Revised bid specifications sent to NCDOT on February 26th
- Let date will be set to match up with "I" and "J" projects after encroachment agreement and right of way certification is issued. Try to coordinate bid and let date with "D" project.

**U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK**

**Project Description/Scope:** The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO. The project consists of building a bus turn out and sidewalk along US 117 (shipyard Boulevard) from Vance Street to Rutledge Drive in Wilmington. Carolina Civil Works, Inc. was awarded the \$352,590.00 contract September 23, 2019.

**Project Status and Next Steps:**

- The contractor has constructed and completed the Shipyard Bus Pullout federally funded STP project.
- The NCDOT M&T audit was completed on February 12, 2020 and the City is waiting on the certification of completion of materials from NCDOT's M&T Division
- The FHWA will perform the overall project audit which hasn't been scheduled at this time.

**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:**

- The project has been put on hold until NCDOT's College Road resurfacing project occurs.
- NCDOT has indicated that the milling and resurfacing project is now on hold due to the cash flow issue, City staff has asked to work with Division in house design to evaluate alternative designs that may allow this project to move forward within original scope.
- If an alternative design is agreed upon that does not significantly affect the original scope of the project, the design process will be restarted.

- Input from Council in reaction to a presentation on March 2, 2020 may restart the project ahead of NCDOT's timeline.
- Additional resources will be required, both in design and redefinition of scope.

#### **U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS**

**Project Descriptions/Scope:** The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

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

- Project is ready for bidding and construction. Plans and PCE have been approved. The contract documents have been approved.
- The Town has requested additional STP-DA funds.
- Anticipated bidding and construction to follow by late summer.

#### **U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION**

**Project Description/Scope:** This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

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

- Bid opening was held on August 15, 2019
- Construction began on November 18, 2019
- Construction completed December 2019- equipment installed at 27 intersections and on 21 WFD vehicles
- Project completed with a NCDOT materials audit in February 2020
- Administrative and financial closeout in progress

#### **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:**

- 30% Plans comments received from NCDOT on January 31, 2020; 65% plans anticipated to be submitted mid-March.
- Right-of-Way funding request is anticipated in May 2020
- Construction Funding is anticipated in FY2021

#### **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 agreements have been executed
- The Letter of Interest has been published
- An Addendum has been issued for a 6-month extension on the let date.

**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:**

- Six proposals were received and two firms were interviewed.
- Negotiating scope and fee with the selected firm

**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:**

- Amendments have been added for NHRMC and contracts are being routed within the City before sending to NCDOT for their approval

**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:**

- TIP number has been entered. Town to upload information in EBS to request agreement.

**TASA-DA****U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES**

**Project Descriptions/Scope:** This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

**Project Status and Next Steps:**

- Under construction
- Construction began on December 13, 2019 with all work at the Dawson & Wooster intersection has been constructed with the exception of the crosswalk due to weather restrictions.
- Crosswalk installation is scheduled for March 25, 2020 after the crosswalk installation the pedestrian signals will be activated.

**U-5527C NEW HANOVER COUNTY – MIDDLE SOUND GREENWAY – EXTENSION TO MIDDLE SOUND VILLAGE**

**Project Descriptions/Scope:** This project is for the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village property line.

**Project Status and Next Steps:**

- The project is currently out to bid
- Bid opening March 26, 2020
- Project Completion anticipated in July 2020

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

**Project Description:** The project consists of the construction of a multi-use path of twelve feet (12') wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

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

- The agreements have been executed
- The Letter of Interest has been published
- An Addendum has been issued for a 6-month extension on the let date.

## **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:**

- SEPI has been approved in EBS as the selected firm- contract signed, Notice to proceed issued on January 14, 2020.
- The project is under design with survey underway

## **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:**

- Pre-Design scoping meeting with Davenport Engineering and NCDOT Division Personnel occurred on 2/20.
- Scope of design defined.
- Davenport to provide formal scope, fee and NCDOT Manday estimate for issuance of task order and NCDOT review.
- Survey and Design for NCDOT review.

## **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.

## **TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

**Project Description/Scope:** UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO adopted "Work Cape Fear: Expanding Commuter Options in the Cape Fear Region" TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that funded a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The TDM program works to increase active transportation initiatives and increase community knowledge of commuter options. The MPO finalized the Strategic Marketing Plan for the "Go Coast" program. In addition, the WMPO has been working with the City of Wilmington to implement a bike share program. The TDM program has continued to grow and progress and below are project status and next steps.



## **Project Status and Next**

### **Steps: Initiatives**

1. Bike Share
  - a. New RFP to be released February 2020, responses due March 2020
2. Social Media
  - a. Posting at least three times per week on WMPO Facebook, Twitter, and Instagram and Go Coast Instagram
3. Watch For Me NC
  - a. TDM Coordinator applied for NCDOT's Watch For Me NC bicycle and pedestrian safety campaign for Wilmington with the Wilmington Police Department.
4. Applied for Bicycle Friendly Community with the League of American Bicyclists for City of Wilmington
  - a. Wilmington was designated a Bronze Level Community in 2015, waiting on LAB for new designation
5. Scooters
  - a. Governor Cooper Vetoed Bill 553 which include regulation of electric stand up scooters
6. Writing Short Range TDM Plan
7. Go Coast Committee approved creation of the Go Coast Bicycle Helmet Program in February 2020
  - a. This program will provide 100 free helmets to WMPO area residents in spring of 2020 through Watch for Me NC and Go Coast events
8. Planning for 31st Annual River To Sea Bike Ride and Bike Month
9. Completed electric bicycle model ordinance to be voted on by WMPO Board in March 2020



## Cape Fear Public Transportation Authority

### Project Update

March 2020

#### REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - (no change) additional funding for four replacement buses has been requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. An application for four (4) CNG buses was submitted in response to the RFP. Phase one of the VW settlement project awards are expected to be announced in early 2020.
- 2. Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit completed its latest short range plan in 2018. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan also includes a financial element to ensure that transit programs are compliant with FTA rules and regulations. Revenue neutral modifications to Wave Transit routes based on the opening of the WMMTC - Padgett Station were implemented on January 18, 2020. Continued investment in recommendations from the plan will be considered based upon available funding.
- 3. Long Term Funding** - On January 21, 2020 the City of Wilmington and New Hanover County each adopted a *Concurrent Resolution of the Wilmington City Council and the Board of Commissioners of New Hanover County for Enhanced Public Transportation Operations and Efficiency*. The resolution included a restructuring of the Wave Transit board. Transpro has been retained by New Hanover County to serve as consultant to the board during the evaluation process. A report from Transpro is expected in April 2020.

#### WMPO SPONSORED PROJECTS

##### 1. STBGP-DA FUNDING FY 2021

On August 07, 2019, the WMPO authorized \$500,000 in STBGP-DA funding for capitalized preventive maintenance and Americans with Disabilities Act compliance funding for FY 2020. In January 2020, the Authority provided 2,288 ADA passenger trips with the allocated funding. Preventive maintenance activities were undertaken in accordance with the appropriated funding.

Projects in Development									
Project Manager	TIP	PO	Description	County	ROW	Delay (Years) From Draft ROW	Delay (Years) from Draft CON	SAP Let Date	Comment*
Mike Bass	U-5710A	WMPO	US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	New Hanover	IP			4/16/2020	Postponed from January to April
Eric Murray	W-5601DH	WMPO	3rd St and Dock St Intersection	New Hanover	IP			7/17/2020	Awarding has been delayed 1 year
Trace Howell	R-3300B	WMPO/CFRPO	Hampstead Bypass	New Hanover/ Pender	IP			9/15/2020	
Eric Murray	W-5703C	WMPO	Monkey Junction Pedestrian Improvements	New Hanover	TBD			11/19/2020	
Derek Pielech	B-4590	WMPO	Replace Bridge 29 on Cornelius Harnett Dr/Castle Hayne Rd over Smith Creek	New Hanover	IP		1	4/15/2021	12MILL 1 year Delay
Eric Murray	U-5914 Central	WMPO	Widen NC 133 from US 17/74/76 to Old River Rd New Hanover 21 on US 76 over Banks Channel	Brunswick New Hanover	IP TBD		1	6/17/2021 9/1/2021	12MILL 1 year Delay
Krista Kimmel	U-5926 Rail Division	WMPO	New Route from 23rd St to 26th St Wilmington Rail At-Grade Crossing Improvement	New Hanover	2020			6/21/2022	PE Resumes in January
Brian Harding	U-5729	WMPO	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	IP			7/19/2022	PE Resumes in January
TBD	W-5703R	WMPO	NC 132 (South College Rd) and Braggs Drive turn lanes	New Hanover	2022			9/15/2022	
Trace Howell	R-3300A	WMPO	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	New Hanover/ Pender	IP		2	9/20/2022	PE Resumes in January
Mike Bass	U-5710	WMPO	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover	IP		1	9/20/2022	PE Resumes in January
Krista Kimmel	U-3338C	WMPO	Kerr Ave Interchange at MLK	New Hanover	IP		3	12/20/2022	PE, Utility Design, and Appraisals Resuming; ROW Acquisition beginning April 2020
Brian Harding	U-5863	WMPO	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	2021			10/17/2023	
Trace Howell	U-5790	WMPO	Monkey Junction Interchange	New Hanover	2022			4/16/2024	
Brian Harding	U-5731	WMPO	US 74 at US 17/US 421 Flyover	New Hanover	2020		1	5/21/2024	PE Resumes in January
Krista Kimmel	U-4902C	WMPO	US 17 Bus - Market St Median & Interchange	New Hanover	IP		4	6/18/2024	PE Resumes in January
Brian Harding	U-5954	WMPO	NC 133 at 23rd St Roundabout	New Hanover	2022			6/18/2024	
Krista Kimmel	U-4902B	WMPO	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	IP			12/17/2024	
Krista Kimmel	U-4434	WMPO	Independence Boulevard Extension	New Hanover	2022			6/17/2025	Draft Environmental Impact Statement Completed
Lydia	I-6038	WMPO	I-140 from US 421 to US74/US76 pavement rehab	Brunswick, New Hanover	N/A			11/17/2025	
Lydia	I-6037	WMPO	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover	N/A			2/17/2026	
Trace Howell	U-5702A	WMPO	College Rd from New Centre to Shipyard	New Hanover	2023	1		6/16/2026	
Trace Howell	U-5704	WMPO	US 17 (Oleander) at College	New Hanover	2023	1		6/16/2026	
Trace Howell	U-5792	WMPO	MLK at College	New Hanover	2024	2		6/16/2026	Let with U-5881
Trace Howell	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project	Pender	IP		4	9/15/2026	
None	U-6199	WMPO	Wilmington Citywide Signal System Upgrade	New Hanover	2025			6/15/2027	
Krista Kimmel	U-6201	WMPO	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	2025			6/17/2027	
Brian Harding	U-5734	WMPO	US 421 Front St Widening	New Hanover	2025	2		5/16/2028	
Trace Howell	U-5881	WMPO	College Rd from Gordon Rd to New Centre	New Hanover	2025	3		6/20/2028	Let with U-5792
Trace Howell	U-5732A	WMPO/CFRPO	Dan Owen Connector	Pender	2017			CSF (Now)	Construction By State Forces
Brian Harding	U-6128	WMPO	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts	New Hanover	2029			PY	
Brian Harding	U-6202	WMPO	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	2025			PY	
Trace Howell	U-5702B	WMPO	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover	2025		1	PY	

Project is on hold	
Exception Granted	
Suspension Lifted	

Date Completed:

PO:

Contact:

2/4/2020

WMPO

910-341-2000

2/4/2020

WMPO

910-341-2000

cmmarks@ncdot.gov

Caitlin Marks

Projects Under Construction							
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete	Comment
DC00218	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Feb-20	92.84%	
DC00274	Alex Stewart	N/A	New Hanover	New Hanover Hurricane Pipe Replacement (Group E)	Mar-20	41.06%	Availability: January 6, 2020
C204282	Alex Stewart	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Jul-20	63.27%	
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	69.36%	
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jun-20	87.24%	
DC00268	TBD	I-5760A	New Hanover	I-140 from I-40 to US 421 Open Grated Friction Course	Aug-20	0%	Availability: March 2, 2020
C204203	Alex Stewart	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21	34.23%	
DC00265	TBD	N/A	Currituck, Duplin, New Hanover, Pender	Long Line Pavement Marking	Nov-21	0%	Availability: June 1, 2020
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Apr-22	28.23%	
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	12.75%	
TBD	Alex Stewart	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD	
TBD	Alex Stewart	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD	
TBD	Alex Stewart	HVBP	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD	

Resurfacing									
Contract Number	Contract Year	County	Resident	TIP	MPO/RPO	Map	Routes	Estimated Completion	Percent Complete
C204135	2018	✓ Hanover/Brunswick	Lydia McKeel	N/A	WMPO	0	US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)	Feb-20	68.65%





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

March 2020

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

MARCH TPD UPDATES WILMINGTON MPO

MARCH 2020

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

**Wilmington Model:** The 2045 model is ready for MTP testing. The 2045 model will be considered the official Wilmington MPO Model when the MTP is adopted.

**Brunswick County CTP:** NCDOT will work with the Cape Fear RPO, Wilmington MPO, Grand Strand MPO, Brunswick County and Brunswick Country municipalities to develop a Brunswick County Comprehensive Transportation Plan for the whole county starting in May of this year.

**NCMOVES 2050:** Phase III of the NC Moves 2050 project is looking at what the transportation system will need in the future. It divides these needs into 10- and 30- year time spans. The phase consists of three tasks: Future Needs, Priorities, and Solutions.

**Traffic Forecast Updates:** in the Wilmington MPO Area, here are some TF updates:

1. **U-4738 Brunswick New Hanover Cape Fear Crossing 40114.1.2;** TIP: U-4738;  
Assigned to: HNTB; Due date/status: **Paused**

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION PLANNING BRANCH  
1554 MAIL SERVICE CENTER  
RALEIGH NC 27699-1554

*Telephone:* (919) 707-0900  
*Fax:* (919) 733-9794  
*Customer Service:* 1-877-368-4968

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

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601