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

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

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: October 20, 2021
SUBJECT: October 27th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, October 27, 2021 at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street downtown Wilmington. Due to COVID-19, the meeting is being conducted remotely. PLEASE NOTE: This will be a remote meeting conducted pursuant to Section 4.31 of S.L. 2020-3, SB 704.

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

<https://us06web.zoom.us/j/91789885982?pwd=TUNQUTZwTld6RWtHbndmQmNHeVFmdz09>

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

Meeting ID#: 917 8988 5982

Passcode: 464328

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period

Persons wishing to submit a public comment to be shared during the MPO Board meeting may do so by 5 pm on October 26, 2021, by calling (910) 341-3258 to leave a message or by e-mailing comments to wmpo@wilmingtonnc.gov. The public voicemails will be played aloud and the public comment e-mails will be read aloud by a staff member during the meeting. Per the adopted Public Participation Plan, public comments shall be limited to 3 minutes.

- 6) Presentation
 - a. Independence Boulevard Extension Update- Chad Kimes, NCDOT

Wilmington Urban Area Metropolitan Planning Organization

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- 7) Consent Agenda
 - a. Approval of Board Meeting Minutes from September 29, 2021 (p. 3-6)
 - b. Resolution authorizing the Chairman to enter into an agreement between the City of Wilmington, Wilmington Urban Area Metropolitan Planning Organization and Cape Fear Public Transportation Authority for the FY 21-22 Section 5303 Funding (p. 7-14)
 - c. Resolution approving the Donations for the 2021 Commuter Challenge (p. 15-16)
 - 8) Regular Agenda
 - a. Opening of the 30-day public comment period for 2020-2029 STIP/MPO TIP Amendments #21-8 (p. 17)
 - b. Resolution approving the Coronavirus Response & Recovery Supplemental Appropriations Act Funding (p. 18-21)
 - 9) Discussion
 - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-9 (p. 22)
 - b. FY 23 Transportation Planning Study Requests (p. 23)
 - 10) Updates
 - a. Wilmington Urban Area MPO (24-30)
 - b. Cape Fear Public Transportation Authority (p. 31)
 - c. NCDOT Division (p. 32-35)
 - d. NCDOT Transportation Planning Division (p. 36-37)
 - 11) Announcements
 - a. Go Coast Commuter Challenge- October 16th – 31st
 - b. Brunswick Heritage Riverside Ride- October 23rd
 - 12) Next meeting –November 17, 2021

Attachments

- MPO Board Meeting Minutes- September 29, 2021
- FY 21-22 Section 5303 Draft Funding Agreement
- Resolution authorizing the Chairman to enter into an agreement with the City of Wilmington and Cape Fear Public Transportation Authority for the FY 21-22 Section 5303 Funding
- 2021 Commuter Challenge Donations Memorandum
- Resolution approving the Donations for the 2021 Commuter Challenge
- Proposed 2020-2029 STIP/MPO TIP Amendments #21-8
- Coronavirus Response & Recovery Supplemental Appropriations Act Funding Recommendations Memorandum
- Resolution approving the Coronavirus Response & Recovery Supplemental Appropriations Act Funding
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-9
- FY 23 Transportation Planning Study Requests Memorandum
- Wilmington Urban Area MPO Project Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Transportation Planning Division Project Update (October)



WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

MPO Board Meeting Minutes 6th Floor Training Conference Room, 320 Chestnut Street, Wilmington, N.C. Wednesday, September 29, 2021

Members Present (in-person)

Mike Allen, Town of Belville
Brenda Bozeman, Town of Leland
John Ellen, Town of Kure Beach
Deb Hays, Cape Fear Public Transportation Authority
David Piepmeyer, Pender County
Charlie Rivenbark, City of Wilmington
Frank Williams, Brunswick County

Others Present (in-person)

Chuck Bost, Town of Belville
Andy Koeppel, resident, City of Wilmington
Mike Kozlosky, Executive Director, WMPO
Chad Kimes, Division Engineer, NCDOT
Abby Lorenzo, Deputy Director, WMPO
Caitlin Marks, Planning Engineer, NCDOT
Rachel McIntyre, WMPO Assoc. Transportation Planner
Warren Miller, Consultant, Fountainworks
Matt Nichols, MPO General Counsel
Marie Parker, Exec. Director, Wave Transit

Members Present (remotely)

Jonathan Barfield, Jr., New Hanover County
Hank Miller, Town of Wrightsville Beach
LeAnn Pierce, Town of Carolina Beach
Eulis Willis, Town of Navassa
Landon Zimmer, NC Board of Transportation

Others Present (remotely)

Nick Cannon, WMPO TDM Program Coordinator
Veronica Carter, Town of Leland
Sam Cathcart, Consultant, Fountainworks
Natalie English, Wilmington Chamber of Commerce
Cheryl Hannah, HDR
Regina Hopkins, WMPO Sr. Accountant
Scott A. James, WMPO Transportation Planning Engineer
Marty Little, New Hanover County
Zach Manfredi, WMPO Assoc. Transportation Planner
Rebekah Roth, New Hanover County Planning and Land Use Director
Nazia Sarder, NCDOT Transportation Planner
Ron Satterfield, Interim City Planning Director
Trevor Stewart, WMPO GIS Analyst

1) Call to Order

Chairman Piepmeyer called the meeting to order at 3:02 p.m.

Mr. Kozlosky called the roll. A quorum was present as follows:

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

Mr. Kozlosky said that the consultant from Fountainworks will conduct some polling later in the agenda and provided a link to MPO Board members.

2) Conflict of Interest Statement

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

3) Approval of Board Members' Excused Absences

Mr. Kozlosky said that no request for an excused absence was received for this meeting.

4) Approval of the Agenda

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

Ayes: Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Hank Miller, David Piepmeyer, LeAnn Pierce, Frank Williams and Landon Zimmer. **Nays:** None. **Absent:** Neil Anderson, Charlie Rivenbark and Eulis Willis.

5) Public Comment Period

Andy Koeppel, Wilmington, spoke to the MPO Board in-person regarding the bridge. He expressed concerns regarding the timing of the southern project being suspended two weeks prior to the designation of a final route, the expenditure of more than \$11 million with only \$300,000 remaining to complete the study, and the discontinuation of Prioritization 6.0. He expressed the hope that NCDOT would make a serious effort to engage the funding process.

6) Presentation

a. Cape Fear Public Transportation Authority Update- Marie Parker, Cape Fear Public Transportation Authority

Wave Transit Executive Director Marie Parker gave an update on the public transportation system. She described Wave Transit as the public transportation provider for the region with more than 120 employees operating from three facilities: operations and maintenance and two transfer stations (one downtown and the other in north Wilmington). She noted that Wave provides a fixed-route bus service with most routes operating exclusively within the City of Wilmington, a free downtown Port City Trolley, a paratransit service for those with mobility challenges, Seahawk UNCW student shuttle on campus, and a shared-ride van-pool program.

Ms. Parker gave an overview of improvements implemented this year. She noted that on-time performance of departure times has been improved with some programming corrections. She added that a peer review analysis of passenger amenities across the state completed recently found that Wave's amenities are insufficient for the size of its system - roughly half the number of benches and shelters to service passengers compared with seven peer agencies in North Carolina. She pointed out that passenger amenities impact customer behavior, perception, and ridership and noted that an improvement plan is currently in progress with three projects underway to improve shelters and amenities. The second phase of amenity improvements with a grant application and review, is also in-progress to improve 20 stops with an equal number of benches and shelters.

Ms. Parker said that this year, several route modifications have been made to serve new development as well as existing areas and points of interest (Wilmington Convention Center, the museum, and area hotels). She noted that a permanent deviation was implemented on the Trolley route to increase exposure and accessibility by serving Nutt Street from Harnett Street to Red Cross Street, serving private businesses and public facilities not previously served.

In October of last year in response to budget constraints, the Cape Fear Public Transportation Authority Board approved a system network redesign to be implemented in July of this year, which resulted in a 21% reduction in service. In April of this year, a vote was taken at a joint meeting involving the New Hanover County Board of Commissioners as well as City of Wilmington Council to delay the changes. Presently, Wave staff is in the process of reviewing the current system as well as the model provided by consultants last year to develop a new plan to maximize service at the current budget. The focus is to deliver service where it is most needed and reallocate existing resources to the most productive times of the day and days of week. The new system is proposed to go into effect in July of next year.

Ms. Parker gave a brief overview of upcoming projects. She said that mobile ticketing, a touchless technology in use in multiple transportation modes in cities across the U.S. and internationally, has already been allocated funding. However, the addition of passenger Wi-Fi, a demand that increases exponentially for trips greater than 20 minutes, which applies to all of Wave's routes, has yet to be funded.

Ms. Parker said that the much-anticipated regional micro-transit model will be implemented soon, the first project of its kind in North Carolina, and will provide on-demand regional transit coverage and interconnectivity to Brunswick County, New Hanover County and Pender County at rates more affordable than private ridesharing services. She noted that passengers will have the ability to travel anywhere within a zone or connect to the existing fixed-route network. The first phase, which begins on October 11 will be fare free initially, and re-establish the connection between Brunswick County and New Hanover County as well as establish connectivity

between Pender County and New Hanover County. The second phase of micro-transit will add north and south zones in New Hanover County after the beginning of the year.

In response to an inquiry by Ms. Hays, Ms. Parker said that at the last Cape Fear Public Transportation Authority board meeting, members voted to allow fare-free rides on Election Day for all modes of Wave transportation.

Chairman Piepmeyer inquired about the status of funding challenges. Ms. Parker responded that discussions are ongoing regarding continuous, dedicated revenues for transit. She noted that Wave will continue operate at its current budget and is sustainable for three years.

7) Consent Agenda

- a. Approval of Board Meeting Minutes from August 25, 2021
- b. Resolution approving 2020-2029 STIP/MPO TIP Amendments #21-5 and #21-6
- c. Opening of the 30-day public comment period for 2020-2029 STIP/MPO TIP Amendments #21-7
- d. Resolution approving 2020-2029 STIP/MPO TIP Administrative Modifications #21-8

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

Ayes: Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Hank Miller, David Piepmeyer, LeAnn Pierce, Charlie Rivenbark, Frank Williams, Eulis Willis and Landon Zimmer. **Nays:** None. **Absent:** Neil Anderson.

8) Regular Agenda

- a. Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization Board's Remote Public Participation Policy and Procedures

Mr. Kozlosky said that based on discussion at the last MPO Board meeting, staff has incorporated changes in the Remote Public Participation Policy and Procedures. He noted that the revised policy indicates the Board's desire to hold meetings with members being present in-person, identifies that members may use remote meeting attendance for two meetings per calendar year, which may be extended by a vote of the Board for any member suffering from quarantine or a long-term illness, and adds employment or business obligations to the list of circumstances for the use of remote meetings. He acknowledged the presence of MPO General Counsel Matt Nichols to address questions.

Ms. Bozeman made a motion to approve the policy. Mr. Rivenbark seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, Hank Miller, David Piepmeyer, LeAnn Pierce, Charlie Rivenbark, Frank Williams, Eulis Willis and Landon Zimmer. **Nays:** None. **Absent:** Neil Anderson.

9) Updates

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

Mr. Kozlosky stated that the updates are included in the agenda packet. He noted that some information on the upcoming Commuter Challenge event has been distributed to members at the table.

Ms. Lorenzo said that the hand-out explains how to use the Share the Ride NC application to set up teams and track trips during the Commuter Challenge event that runs from October 16 through October 31.

10) Announcements

- a. Wilmington MPO Bike/Pedestrian Committee- October 12th
- b. River to Sea Bike Ride- October 16th
- c. Go Coast Commuter Challenge- October 16th – 30th

d. **Brunswick Heritage Riverside Ride- October 23rd**

In response to an inquiry by Mr. Ellen, Mr. Allen said the inaugural Brunswick County ride is a well-organized, six- to eight-mile ride with a police escort along the entire route, which begins at the ballpark on Mt. Misery Road in Navassa, continues to River Road in Leland, and stops at the Brunswick Riverwalk Park, where some tables will be set up.

Ms. Lorenzo added that the ride on October 23 will start at 7:30 a.m. at Phoenix Park in Navassa, follow Cedar Hill Road, through Leland on Village Road and the interchange, and stops for a 15-minute break in Belville at Riverwalk Park before returning to Phoenix Park. She noted that registration is available online and is limited to the first 100 registrants at the request of law enforcement for this inaugural event. She added that as of this morning, there are 81 registrants.

Ms. Bozeman expressed kudos to Mr. Cannon and Ms. Lorenzo for their presentation to her board. Mr. Ellen, Mr. Allen, and Mr. Williams acknowledged that the presentation was made to their boards as well.

11) Strategic Planning Exercise

Mr. Kozlosky noted that this is the second phase of the strategic planning exercise for the MPO, continued from the last Board meeting. He added that a web link was communicated at the beginning of today's meeting for members to log in and participate in polling for the exercise. He noted that the draft strategic plan will be brought forward for further consideration and is expected to be completed by the end of the year.

Vice-Chair Miller commented that he is unable to participate in the polling because he is driving. Mr. Warren Miller, the consultant from Fountainworks, responded that the Vice Chair is welcome to participate verbally.

A lengthy discussion was held on the draft vision statement, focus areas or goals, top project priorities, alternate funding and revenue sources, advocacy, and organizational/operational effectiveness.

12) Adjournment

Next meeting – October 27, 2021

Several Board members made the motion and the second to adjourn. The meeting adjourned at 4:27 p.m. a roll call as follows:

Ayes: Mike Allen, Jonathan Barfield, Brenda Bozeman, John Ellen, Deb Hays, David Piepmeyer, LeAnn Pierce, Charlie Rivenbark, Frank Williams, Eulis Willis and Landon Zimmer. **Nays:** None. **Absent:** Neil Anderson.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

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

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

**FY 2021-2022 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT
AGREEMENT FOR THE WILMINGTON URBANIZED AREA**

THIS AGREEMENT made and entered into this ____ day of _____, 2021 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a “Wave Transit”, a North Carolina public transportation authority.

W I T N E S S E T H

WHEREAS, by joint resolution the City of Wilmington and New Hanover County established the “Cape Fear Public Transportation Authority” (hereinafter referred to as “Wave”) to provide public transportation services within the area designated as the Wilmington Urbanized Area (hereinafter referred to as “UZA”), effective July 1, 2004, in recognition of the fact that some traffic and transportation concerns of each entity are the same without regard for any jurisdictional boundary; and

WHEREAS, pursuant to, and in compliance with, 23 C.F.R. § 450.306, the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as “MPO”) was designated as the policy body for cooperative transportation decision making in the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the MPO; and

WHEREAS, on November 18, 2020, the MPO, which includes the City of Wilmington,

New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the “Cape Fear Moving Forward 2045” which affects the UZA; and

WHEREAS, Wave is the provider of public transportation services in the UZA; and

WHEREAS, on June 22, 2005, the Secretary of Transportation for the State of North Carolina, with authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared Wave to be a designated recipient of Federal Urbanized Area Formula Program funds for the UZA; and

WHEREAS, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 transit planning funds for the UZA; and

WHEREAS, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

WHEREAS, 23 C.F.R. § 450.314 requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, in consideration of the mutually beneficial covenants of agreement between the parties hereinafter expressed in enumerated terms, the adequacy and sufficiency of which of hereby acknowledged by each as valuable consideration the City of Wilmington on behalf of the Metropolitan Planning Organization and Wave agree as follows:

1. **Cooperation.** The MPO and Wave shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Planning Organization Transportation Improvement Program (hereinafter referred to as “MPO TIP”). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MPO TIP as adopted by the MPO. MPO TIP is in accordance with the State Transportation Improvement Program, and is periodically amended as the State Transportation Improvement Program is updated.
2. **Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision making process. The parties shall insure that projects in the public transportation service portion of the MPO TIP are included in the planning process.
3. **Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line item allocation shown on the MPO’s budget which is known as the Unified Planning Work Program.
4. **Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington’s funds, except those held for the MPO. No funds paid under this agreement shall exceed \$65,350.
5. **Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.
6. **Termination.** This Agreement shall terminate as a result of the loss of Federal

and/or State funding for public transportation services for the UZA. Additionally, any party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said “Notice of Termination” shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.

8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

IN WITNESS WHEREOF, the due execution in agreement by parties hereto as evidenced by the hereafter affixed signatures.

(This space is left intentionally blank)

CITY OF WILMINGTON

Bill Saffo, Mayor

ATTEST:

Penelope Spicer-Sidbury, City Clerk

[SEAL]

Approved as to form:

John Joye, City Attorney

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County,
North Carolina, certify that Penelope Spicer-Sidbury personally came before me this day and
acknowledged that she is City Clerk of the City of Wilmington, and that by authority duly given
and as the act of the Council, the foregoing instrument was signed in its name by its Mayor,
sealed with its corporate seal and attested by herself as its City Clerk.

WITNESS my hand and official seal, this ____ day of _____, 2021.

Notary Public

My commission expires: _____

CERTIFICATION

This instrument has been preaudited in the manner required by The Local Government
Budget and Fiscal Control Act.

This ____ day of _____, 20____.

Jennifer Maready, City Finance Officer

Project Account: 1TRMP22 -RSTR5303-CONTRACTL -OTHPROFSVC

Org: 21075195 Obj: 531060 Project: 1TRMP22 Amount: Not to Exceed 65,350.00

Requisition Number: _____ Federal ID Number: 56-6000239

**WILMINGTON URBAN AREA METRO
PLANNING ORGANIZATION,
by and through its Board**

By: _____
Honorable David Piepmeyer, Chair

Attest: _____
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County, North Carolina, certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of the **Board of the Wilmington Urban Area Metropolitan Planning Organization**, and that by authority duly given and as the act of the Organization, the foregoing instrument was signed in its name by its Chairman and attested by himself as its Secretary.

WITNESS my hand and official seal, this ____ day of _____, 2021.

(Seal)

Notary Public

My commission expires: _____.

**CAPE FEAR PUBLIC TRANSPORTATION
AUTHORITY d/b/a/ Wave Transit**

By: _____
Chairman

Attest: _____
Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County, North Carolina, certify that _____ personally came before me this day and acknowledged that s/he is the Secretary of the **Cape Fear Public Transportation Authority d/b/a Wave Transit**, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the ____ day of _____, 2021.

(Seal)
Notary Public
My Commission Expires: _____.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AUTHORIZING THE CHAIRMAN TO ENTER INTO AN AGREEMENT WITH
THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY AND CITY OF WILMINGTON
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION TO
PROVIDE FY 21-22 SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC TRANSPORTATION
AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITIES**

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 accordance with 23 CFR § 450.306, the Wilmington Urban Area Metropolitan Planning Organization was designated as the policy body for cooperative transportation decision making in the Wilmington Urbanized Area (UZA); and

WHEREAS, the City of Wilmington and New Hanover County effective July 1, 2004 established the Cape Fear Public Transportation Authority to provide public transportation services within the UZA; and

WHEREAS, the Cape Fear Public Transportation Authority is the provider of public transportation services within the UZA; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the Wilmington Urban Area Metropolitan Planning Organization; and

WHEREAS, 23 CFR § 4510.314 requires an agreement between the Cape Fear Public Transportation Authority and the Wilmington Urban Area Metropolitan Planning Organization specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement for FY 21-22 with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide Section 5303 funding in an amount not to exceed \$65,350 to the Cape Fear Public Transportation Authority to complete public transportation planning activities within the MPO's Urbanized Area boundary.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 27, 2021.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



To: TCC Members
From: Nick Cannon, TDM Coordinator
Date: October 5, 2021
Subject: Sponsors of the 2021 Go Coast Commuter Challenge

The Sixth Annual Go Coast Commuter Challenge will take place October 16-31, 2021. By using alternative transportation, residents of the WMPO region can have a positive impact on traffic congestion and the environment, and reduce stress on the roadway network. Each year, Go Coast collaborates with local businesses to award prizes to top participants of the Go Coast Commuter Challenge. Donations from local sponsors for this year's event are as follows"

- \$100 in gift cards from Trader Joe's
- \$100 in gift cards from Lidl
- \$100 in gift cards from Alcove Beer Garden
- \$100 in gift cards from Grinders Café
- \$80 in prizes from Good Hops Brewing
- \$50 in gift cards from Clean Juice
- \$35 in prizes from Capt'n Bill's Backyard Grill
- \$25 in gift cards from Two Wheeler Dealer
- Artwork from local artist valued at \$25

Wilmington Urban Area Metropolitan Planning Organization

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING THE DONATIONS TO THE WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION FOR THE 2021 GO COAST COMMUTER
CHALLENGE**

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 hosts the Transportation Demand Management Program otherwise known as the Go Coast Program which seeks to reduce vehicle miles traveled and the use of single occupancy vehicles in the WMPO region; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and Transportation Demand Management Program adopted the Go Coast Committee to work with the region's employers and stakeholders to help serve the transportation needs of the community; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and Go Cost Committee plans to hold the Sixth Annual Go Coast Commuter Challenge from October 16-31 to encourage and incentivize citizens in the Cape Fear Region to use alternative modes of transportation for daily activities; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has partners with local businesses to receive donations in the form of prizes for top participants in the 2021 Go Coast Commuter Challenge.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves donations in the amount of \$615.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 27, 2021.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #21-8
(October 2021)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP DELETIONS

HL-0035 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, MIDDLE SOUND LOOP CONNECTOR CONSTRUCTION AND PORTERS NECK WALMART CONNECTOR. CONSTRUCT MULTI-USE PATH; <u>STIP NUMBER IS BEING MODIFIED FROM HL-0035 TO BL-0040 TO BETTER REFLECT THE TYPE OF PROJECT.</u>	CONSTRUCTION	FY 2021 - FY 2021 - \$554,000 \$138,000 (BGDA) (L) \$692,000
U-4738 BRUNSWICK NEW HANOVER	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NEW ROUTE (CAPE FEAR CROSSING), US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER. <u>PROJECT PREVIOUSLY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY. WORK ON THE PROJECT HAS CEASED AND IS BEING DELETED.</u>		
U-4738A BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NEW ROUTE (CAPE FEAR CROSSING), US 17 IN BRUNSWICK COUNTY TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION. <u>PROJECT PREVIOUSLY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY. WORK ON THE PROJECT HAS CEASED AND IS BEING DELETED.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	AFTER FY 2029 - \$29,700,000 (NHP) AFTER FY 2029 - \$1,080,000 (NHP) AFTER FY 2029 - \$219,434,000 (NHP) AFTER FY 2029 - \$23,903,000 (BOND R) \$274,117,000
U-4738B BRUNSWICK NEW HANOVER	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NEW ROUTE (CAPE FEAR CROSSING), NC 133 TO US 421 (INDEPENDENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOCATION WITH A STRUCTURE OVER THE CAPE FEAR RIVER. <u>PROJECT PREVIOUSLY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY. WORK ON THE PROJECT HAS CEASED AND IS BEING DELETED.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	AFTER FY 2029 - \$80,300,000 (NHP) AFTER FY 2029 - \$2,920,000 (NHP) AFTER FY 2029 - \$593,286,000 (NHP) AFTER FY 2029 - \$64,627,000 (BOND R) \$741,133,000



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Memorandum

To: MPO Board Members

From: Scott A. James, PE, Transportation Planning Engineer, WMPO

Date: October 18, 2021

Subject: Coronavirus Response and Recovery Supplemental Appropriations Act, 2021 (CRRSAA) response to special FY21 Call for Projects

The Coronavirus Response and Recovery Supplemental Appropriations Act, 2021 (CRRSAA) appropriated an additional \$10,000,000,000 for Highway Infrastructure Programs (HIP). Of such amount, \$9,840,057,332 shall be set aside and apportioned for activities eligible under section 133(b) of Title 23, United State Code (U.S.C.) and such other purposes as specified in the CRRSAA. The Wilmington Urban Area Metropolitan Planning Organization (WMPO) is the recipient of a COVID Direct Attributable funding allocation in the amount of \$1,481,100.

The funds are available for obligation until September 30, 2024, with any amounts not obligated on or before this date to be returned. Furthermore, the Federal share payable shall be up to 100% percent of qualifying costs. At the regularly scheduled May 26, 2021 meeting, the Board of the Wilmington Urban Area Metropolitan Planning Organization (WMPO) approved revised guidelines in order to award an additional \$1,481,100 without requiring matching funds from eligible member jurisdictions.

The WMPO issued a special call for projects on June 3, 2021. The special call for projects is made to all member jurisdictions and agencies, with an initial pre-submittal date of July 9, 2021 and a final deadline of August 9, 2021. A total of seven (7) project applications were received, five of which were ranked according to the established revised application guidelines. Follows is the list of ranked projects in descending order:

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

Town of Navassa

Navassa Park Multi-Use Path (along Brooklyn Street between Water Street and Navassa Road)

Requested CRRSSA funding: \$168,198

Recommended award amount \$168,198

Cape Fear Public Transportation Authority (WAVE)

Passenger Amenity Upgrades (installation of transit shelters and benches)

Requested CRRSSA funding: \$273,343

Recommended award amount: \$273,343

City of Wilmington

Downtown Trail Phase 1 Design

Requested CRRSSA funding: \$680,000

Recommended award amount: \$680,000

Town of Kure Beach

Intersection Improvements at Ft. Fisher Blvd and K Avenue, including sidewalks

Requested CRRSSA funding: \$411,620

Recommended award amount: \$359,559

Town of Belville

NC 133 Multi-Use Path Connector for the Gullah Geechee Cultural Heritage Trail

Requested CRRSSA funding: \$300,000

Recommended award amount: \$0

Total sum of awards: \$1,481,100 (100% of available funding)

The project from the Town of Belville was placed fifth (5th) place in the rankings, and insufficient funds remain to award monies to this project. In addition, applications were received from the Town of Leland and Pender County. The project from the Town of Leland is not supported by the NCDOT at this time. The project from Pender County has identified an alternate funding source. Both projects were removed from the scoring matrix.

At the regularly scheduled meeting of the WMPO Technical Coordinating Committee (TCC) on October 13, 2021 the above recommendation was approved by unanimous vote.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AWARDING FUNDS FROM THE CORONAVIRUS RESPONSE AND
RELIEF SUPPLEMENTAL APPROPRIATIONS ACT (CRRSAA)**

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 Wilmington Urban Area Metropolitan Planning Organization was designated as a Transportation Management Area (TMA); and

WHEREAS, on December 27, 2020, the President signed the Coronavirus Response and Recovery Supplemental Appropriations Act, 2021 (CRRSAA) which appropriated an additional \$10,000,000,000 for Highway Infrastructure Programs (HIP); and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of a Coronavirus Response and Recovery Supplemental Appropriations funding allocation in the amount of \$1,481,100; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has the ability to program Coronavirus Response and Recovery Supplemental Appropriations Act (CRRSAA) funds on projects submitted by eligible entities through a competitive process; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has developed the Coronavirus Response and Recovery Supplemental Appropriations Act (CRRSAA) Submittal Guide and Competitive Process for the distribution of these funds; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board adopted the Coronavirus Response and Relief Supplemental Appropriations Act Project Submittal Guide and Competitive Process on May 26, 2021; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization solicited qualified project applications from member jurisdictions, receiving five eligible submittals and ranked them according to the adopted process.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby awards the following sums from the Coronavirus Response and Recovery Supplemental Appropriations Act (CRRSAA) allocations in accordance with the Submittal Guide and Competitive Process:

Town of Navassa

Navassa Park Multi-Use Path (along Brooklyn Street between Water Street and Navassa Road)-
\$168,198

Cape Fear Public Transportation Authority (WAVE)

Passenger Amenity Upgrades (installation of transit shelters and benches) - \$273,343

City of Wilmington

Downtown Trail Phase 1 Design- \$680,000

Town of Kure Beach

Intersection Improvements at Ft. Fisher Blvd and K Avenue, including sidewalks- \$359,559

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 27, 2021.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-9 (October 2021)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

BL-0040 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION CONNECTOR. CONSTRUCT MULTI-USE PATH. <u>STIP NUMBER IS BEING MODIFIED FROM HL-0035 TO BL-0040 TO BETTER REFLECT THE TYPE OF PROJECT. TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$554,000 (BGDA) FY 2022 - \$138,000 (L) \$692,000
* U-5710 NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION US 74 (EASTWOOD ROAD), SR 1409 (MILITARY CUTOFF GRADE INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$11,333,000 (T) FY 2024 - \$11,333,000 (T) FY 2023 - \$5,212,000 (T) FY 2025 - \$385,000 (NHP) FY 2026 - \$13,181,000 (NHP) FY 2027 - \$13,634,000 (NHP) FY 2028 - \$9,320,000 (NHP) FY 2029 - \$1,980,000 (NHP) \$66,378,000
* U-5710A NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION NEW LOCATION, FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD), ROADWAY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2022 - \$2,065,000 (BGANY) FY 2023 - \$2,835,000 (BGANY) \$4,900,000
U-6234 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION WILMINGTON, WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$2,267,000 (BGDA) FY 2022 - \$567,000 (L) \$2,834,000



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MEMORANDUM

To: TCC Members
From: Abby Lorenzo, Deputy Director
Date: October 5, 2021
Subject: Wilmington Urban Area MPO's 2023 UPWP Call for Planning Studies/Projects

The Unified Planning Work Program (UPWP) is a statement of work identifying the planning priorities and activities to be carried out by the Metropolitan Planning Organization. At a minimum, a UPWP must include a description of the planning work and resulting products, identify who will perform the work, the time frames for completing the work, the cost of the work, and the source(s) of funds. The Wilmington Urban Area Metropolitan Planning Organization's UPWP provides the government officials, local member jurisdictions, and the general public with the anticipated expenditures of the MPO on an annual basis. Additionally, the UPWP outlines the planning studies and projects anticipated to be completed by the MPO.

The North Carolina Department of Transportation (NCDOT) has outlined the below schedule for adoption of 2023 UPWPs:

- January 28, 2022- Draft UPWPs for are due for FY 23
- March 15, 2022- Last day to submit adopted FY 23 UPWP
- June 29, 2022 – TPB approves FY 23 UPWP

Based on the above schedule, the WMPO presents the following process for FY 23.

Call for Planning Projects/Studies-

The WMPO's solicitation shall occur beginning on October 13th with requests submitted to the Deputy Director no later than 5 pm on December 10th. Planning needs requests should include the name of the project/study, a description of the purpose and need, anticipated cost (if known), and any identified local funding contribution. Additionally, the WMPO will prepare a list of planning studies and projects it intends to pursue.

Drafting and Approving the UPWP-

Once the proposed studies/projects have been submitted, the WMPO staff will review the proposed projects/studies and develop a draft UPWP. The UPWP will be reviewed and approved by the TCC and Board prior to March 15, 2022.

Wilmington Urban Area Metropolitan Planning Organization

**WILMINGTON URBAN AREA
MPO
October 2021**

PENDER COUNTY STREETS PLAN

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

Project Status and Next Steps:

- Presentation of the final plan recommendations to the Board of Commissioners in October 2021.
- Presentation of final plan recommendations to WMPO Board in November 2021.
- Launch of public interactive story map of plan recommendations in winter 2021/2022.

SITE DEVELOPMENT REVIEW

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

- New Hanover County Formal Plan Reviews: 4 reviews
- New Hanover County Informal Plan Reviews: 2 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: reviews
- Town of Leland Formal Reviews: 10 reviews
- Town of Leland Informal Reviews: 3 reviews
- Town of Navassa Formal Plan Reviews: 1 review
- Town of Navassa Informal Reviews: 1 reviews
- Town of Navassa Concept Reviews: 0 review
- Town of Belville Formal Reviews: 1 reviews
- Town of Carolina Beach Formal Reviews: 1 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: 32 total (24 under review; 6 approved; 2 new):
- New Hanover County 10 (2 approved), City of Wilmington 8 (2 approved), Carolina Beach 1, Town of Belville 1 (1 approved), Town of Leland 5, (1 new) Town of Navassa 0, Pender County 6 (1 new, 1 approved), and Brunswick County 1
- Pender County Development Plan Reviews: 5 reviews
- Pender County Informal Plan Reviews: 6 reviews

- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 23 reviews (11 new, 12 on-going)
- City of Wilmington Informal Reviews: 27 reviews (14 new, 13 on-going)
- City of Wilmington Concept Reviews: 0 reviews
- COW Project Releases: 9

**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– Winter 2021
- NCDOT final design approval and City to request Construction Funds Authorization – Winter 2021/2022
- 60% Design documents submitted in July
- Begin Construction – Early 2022
- Construction Complete- Early 2023

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

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

Project Status and Next Steps:

- Construction commenced October 26, 2021
- Construction in progress
- Project completion extended to December 31, 2022

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

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

Project Status and Next Steps:

- Began Construction – July 2021
- Project under construction (grading and stone base placement)- August 2021
- Complete Construction – Fall 2021

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

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

Project Status and Next Steps:

- 60% design documents submitted in July 2021
- Complete final design package and submit to NCDOT for review–Winter 2021
- Update/renew permits –Fall/Winter 2021/2022

- NCDOT final design approval – Winter 2021/22
- Right of way acquisition complete – Winter 2021/2022
- Begin Construction – Early 2022
- Complete Construction – Early 2023

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

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

Project Status and Next Steps:

- 60% design documents submitted in July 2021
- Complete final design package and submit to NCDOT for review–Winter 2021
- Update/renew permits –Fall/Winter 2021/2022
- NCDOT final design approval – Winter 2021/22
- Right of way acquisition complete – Winter 2021/2022
- Begin Construction – Early 2022
- Complete Construction – Early 2023

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

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

Project Status and Next Steps:

- Construction commenced February 8, 2021
- Supplemental Agreement 4 increased the total estimated project cost to \$254,842
- Construction in progress
- Project completion extended to June 30, 2022

U-5534J – TOWN OF LELAND- OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP

Project Descriptions/Scope: The construction of sidewalks in three locations: 1) The construction of an 8 foot concrete sidewalk along Village Road from Town Hall Drive to the apartment complex and widening the existing 5 foot sidewalk in front of the apartment complex to 8 feet. 2) The construction of a 6 foot sidewalk along Town Hall Drive from Village Road NE to the sidewalk that exists by the new Town Hall. 3) The construction of a 5 foot sidewalk along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

Project Status and Next Steps:

- Construction commenced February 8, 2021
- Construction in progress
- Project completion extended to June 30, 2022

U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK

Project Descriptions/Scope: The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

Project Status and Next Steps:

- Construction commenced February 8, 2021
- Supplemental Agreement 4 increased the total estimated project cost to \$327,788

- Construction in progress
- Project completion extended to June 30, 2022

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

Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:

- Council approved additional funding for project on January 19, 2021
- MPO Board approved funding request on February 24th
- Coordination with YWCA on needed ROW/Easement
- Supplemental Agreement Execution in progress (City/NCDOT) - scheduled for City Council action on July 20, 2021
- Sent 65% City comments on Signal and 65% Plans on June 24, 2021
- Received 75% ROW Plans from AECOM 7th Street to Shipyard Blvd July 26, 2021
- Received comments on Easement Maps from City Attorney Office & ROW Specialist on August 27, 2021
- Completed Exhibits and met with YWCA and County on September 12, 2021
- Presented before YWCA Board of Directors Meeting on September 20, 2021
- Received 90% Signal Plans on September 24, 2021
- Filed deed and maps for temporary construction easements from YMCA on September 29, 2021
- Utility Kickoff Meeting in Field to Review Utility Conflicts (TBD)

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:

- Start of construction on August 30, 2021
- Anticipated completion date of mid-November 2021

U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH

Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:

- Right Angle provided the 90% plans
- 90% plans and contract documents have been submitted to NCDOT
- CE Document has been approved
- Right-of-way authorization approved
- Construction fund authorization request will occur next federal fiscal year (FY 2022)

EB-6025- TOWN OF BELVILLE- RICE HOPE MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:

- The Town has entered into a contract with Withers & Ravenel
- Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20th
- Town and NC DOT have resolved ROW issues
- 30% plans have been completed and approved by NCDOT
- 60% design plans approved by NCDOT.
- 90% plans are in development
- Project remains on track for a September 2022 LET

U-6234 MULTI-MODAL PHASE 1 B

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

Project Status and Next Steps:

- MPO Board approved additional funding request on February 24th to cover increased estimated costs of construction
- Final design package delivered electronically May 7, 2021
- 100% design plans sent to City Purchasing for review on May 11, 2021
- 100% design plans and specs sent to NC DOT on May 20, 2021
- Revised 100% plans provided on July 22, 2021 and sent to City Purchasing for review
- CE documentation provided on August 11, 2021
- Consultant and CoW working to finalize bid package for advertisement

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

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

Project Status and Next Steps:

- Design contract approved May 5, 2021 by City Council: execution complete.
- Design kick-off meeting held July 23, 2021 with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
- Design expected to start in July lasting through January 2022.

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

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

Project Status and Next Steps:

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

TASA-DA

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

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

Project Status and Next Steps:

- The Town has entered into a contract with Withers & Ravenel
- A Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20th
- Town and NC DOT have resolved ROW issues
- 30% plans have been completed and approved by NCDOT
- 60% design plans approved by NCDOT.
- 90% plans are in development
- Project remains on track for a September 2022 LET

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

- 75% plans under review by NCDOT
- Anticipate construction let date in October 2021

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

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

Project Status and Next Steps:

- Davenport is under contract to complete the design
- Final project plans anticipated by the end of August

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

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

Project Status and Next Steps:

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

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Go Coast current initiatives and project status:

1. Be A Looker

- a. Go Coast's 2021 "Be A Looker" bicycle and pedestrians safety campaign will conclude at the end of October.
- b. "Be A Looker" has been promoted through a variety of marketing techniques as well as through in-person educational events. Go Coast is working with the Wilmington Fire Department to hold two "Be A Looker" events each month of the campaign in Wilmington.
- c. TDM Coordinator has also reached out to TCC members to assess possibility for event partnerships with all Member Jurisdictions
- d. <https://www.gocoastnc.org/bealooker/>

2. 31st Annual River to Sea Bike Ride

- a. The 2021 River to Sea ride is scheduled for Saturday October 16, 2021. Registration for the event is now open.

3. Brunswick Heritage Riverside Ride

- a. Planning is underway for an inaugural group bike ride event in Northern Brunswick County from Phoenix Park to Belville Riverwalk Park
- b. The scheduled date of the event is October 23, 2021. Registration will open in early September

4. Cape fear Change in Motion 2020 and TDM Services

- a. Go Coast is continuing to present the adopted short-range TDM plan to member jurisdiction governing bodies and other groups, upon request, in October
- b. These presentations will share the strategies outlined in the plan and present member jurisdictions with the opportunity to utilize the WMPO's TDM program to enhance existing or create any new TDM-oriented initiatives
- c. The Go Coast Committee has asked the TDM Coordinator to contact 10 regional employers about assistance in developing alternative work schedule and telecommuting policies

5. Bicycle Suitability Map Update

- a. The WMPO Bicycle and Pedestrian Advisory Committee has provided a recommended methodology for scoring roadway segments for bicycle compatibility.
- b. Staff has evaluated over 300 roadways in the WMPO region that have been given a score for bicycle compatibility.
- c. The WMPO BPAC is continuing to review this draft map and provide input for changes in scoring

6. Go Coast Commuter Challenge

- a. The 2021 Go Coast Commuter Challenge will take place October 16-31.
- b. a new feature "Commuter Challenge" will be available in the Share the Ride NC Mobile app. Participants will be able to join teams to compete in the event
- c. TDM Coordinator is working to gather donations from local businesses to be used as prizes for participants
- d. The Commuter Challenge Subcommittee has developed a marketing strategy to help increase promotion of the event and increase participation

7. The next Go Coast meeting is November 18, 2021



Project Updates October 2021

1. Wilmington Regional Microtransit Project

The Authority entered into a regional agreement in May of 2021, to provide Microtransit services within, and between, Brunswick County, New Hanover County, and Pender County. The microtransit initiative, Wilmington Regional Microtransit, will provide more efficient and cost-effective public transportation. The alternative mobility option will result in decreased wait times for customers, affordable fares, which are equal to existing fixed route fares, and finally, the availability of smartphone app technology for fare payment and trip reservations.

The vendor partnership, Moovit and Bus.com, was selected during the Authority's July 2021 Board of Director's meeting. Brand development has been completed and will be marketed as Ride Micro and will be applied to vehicles, signage, and in all advertising. Planning and service design are currently underway.

Service implementation is scheduled for October 2021. The project includes coverage in four polygons, including North Brunswick County-Downtown Wilmington, Northeast New Hanover County-southeast Pender County, southern New Hanover County-Carolina Beach, and northern New Hanover-Airport-Castle Hayne areas. Phase one, which is scheduled to launch October 11, will include New Hanover to Brunswick and Pender Counties. Second and third phases will be implemented over the next several months. The microtransit project, once complete, will serve 7,000-8,000 virtual stops and is planned to operate seven days a week.

The service is funded at 100% through NCDOT's ConCPT and community grants. The pilot project is currently planned for a 12-month period, with options to extend pending availability of grant funds. FY2023 funding application has been completed and submitted for second year funding and is currently under review.

2. Network Redesign Slated for July 1, 2022

A joint meeting between Wilmington City Council members and New Hanover County Board of Commissioners was held on April 27, 2021. During the meeting, a vote to delay previously slated service reductions was moved by County officials, giving current administration an opportunity to review and make modifications to changes. The postponement of service changes was supported by City Council during their May 4, 2021 meeting. The revised network will take effect on July 1, 2022.

Authority staff is working through review and revisions of the current transit network to be more efficient and more productive. Updates will be published through official press releases, on the homepage of the Authority's website at: <https://www.wavetransit.com/>, onboard revenue vehicles, and at major transfer stations as network revisions are established.

Projects in Development								Utilities		
Project Manager		Contract Ty	Committed	TIP	PO	Description	County	Move Forward	ROW Move Forward	SAP Let Date
Central	Raleigh	B-5642	WMPO	Brunswick 65 on NC 87 over Hood Creek	Brunswick	Y	Y	12/16/2021		
Derek Pielech	DPOC	BP3.R004	WMPO	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayettevill Rd) (Previously 17BP.3.R.84)	Brunswick	Y	Y	12/16/2021		
Central	Raleigh	15BPR.26	WMPO	New Hanover 48 on I-40 E and I-40 W/NE Substructure Repairs	New Hanover	Y	Y	1/18/2022		
Trace Howell	DDRL	R-3300B	WMPO/CFRPO	Hampstead Bypass	New Hanover/ Pender	Y	Y	1/18/2022		
Mike Bass	DPOC	U-5710A	WMPO	US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	New Hanover	Y	Y	1/20/2022		
Eric Murray	DPOC	U-5914	WMPO	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	Y	Y	6/2/2022		
Rail Division	Rail	P-5740	WMPO	Wilmington Rail At-Grade Crossing Improvement	New Hanover	Y	Y	6/30/2022		
David Leonard	DPOC	W-5703E	WMPO	US 117/NC 132 (College Rd) sidewalk between Randall Pkwy and N of University Drive	New Hanover	3D		8/4/2022		
Trace Howell	DPOC	W-5703R	WMPO	NC 132 (South College Rd) and Braggs Drive offset lefts	New Hanover			9/15/2022		
Eric Murray	DPOC	W-5601DH	WMPO	3rd St and Dock St Intersection	New Hanover			10/21/2022		
Eric Murray	DPOC	W-5703C	WMPO	Monkey Junction Pedestrain Improvements	New Hanover			11/17/2022		
Krista Kimmel	DDRL	U-5926	WMPO	New Route from 23rd St to 26th St	New Hanover	Y	Y	12/19/2023		
Brian Harding	DDRL	U-6202	WMPO	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover			6/18/2024		
Lydia	DPOC	I-6036	WMPO	I-140 - US 17 to North of US 74 pavement rehab	Brunswick			10/17/2024		
Central	Raleigh	B-5653	WMPO	Pender 14 on NC 133 over Turkey Creek	Pender			1/21/2025		
Lydia	DDRL	I-6039	WMPO	I-40 Pavement rehab from Milemarker 420 to NC 210	Pender			4/15/2025		
Mike Bass	DDRL	U-5710	WMPO	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover			9/16/2025		
Lydia	DDRL	I-6037	WMPO	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover			2/17/2026		
Trace Howell	DDRL	U-5792	WMPO	MLK at College	New Hanover			6/16/2026		
Trace Howell	DDRL	R-3300A	WMPO	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	New Hanover/ Pender	Y	Y	9/15/2026		
Brian Harding	DDRL	U-5954	WMPO	NC 133 at 23rd St Roundabout	New Hanover			6/15/2027		
Brian Harding	DDRL	U-5731	WMPO	US 74 at US 17/US 421 Flyover	New Hanover			5/16/2028		
Krista Kimmel	DDRL	U-4434	WMPO	Independence Boulevard Extension	New Hanover			6/20/2028		
Brian Harding	DDRL	U-5729	WMPO	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover			7/18/2028		
Trace Howell	DDRL	U-5732	WMPO/CFRPO	Hampstead Median: US 17 from SR 1582 (Washington Acres Rd) to Vista Lane	Pender			9/19/2028		
Lydia	DPOC	I-6038	WMPO	I-140 from US 421 to US74/US76 pavement rehab	Brunswick, New Hanover			11/16/2028		
Krista Kimmel	DDRL	U-3338C	WMPO	Kerr Ave Interchange at MLK	New Hanover			12/19/2028		

Project Manager				Contract Tyf		Committed	TIP	PO	Description		County	Utilities Move Forward	ROW Move Forward	SAP Let Date
Krista Kimmel		DDRL	Yes	U-4902B	WMPO	US 17 Bus - Market St Median - Railroad to MLK		New Hanover			New Hanover			12/19/2028
Krista Kimmel		DDRL	Yes	U-4902C	WMPO	US 17 Bus - Market St Median & Interchange		New Hanover		Y				6/19/2029
Trace Howell		DDRL	Yes	U-5702A	WMPO	College Rd from New Centre to Shipyard		New Hanover						PY
Trace Howell		DDRL	Yes	U-5702B	WMPO	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd		New Hanover						PY
Trace Howell		DDRL	Yes	U-5704	WMPO	US 17 (Oleander) at College		New Hanover						PY
Brian Harding		DDRL	Yes	U-5734	WMPO	US 421 Front St Widening		New Hanover						PY
Trace Howell		DDRL	Yes	U-5790	WMPO	Monkey Junction Interchange		New Hanover						PY
Brian Harding		DDRL	Yes	U-5863	WMPO	NC 133 - Castle Hayne Rd from I-140 to Division Dr		New Hanover						PY
Trace Howell		DDRL	Yes	U-5881	WMPO	College Rd from Gordon Rd to New Centre		New Hanover						PY
Brian Harding		DPOC	No	U-6128	WMPO	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts		New Hanover						PY
None		DDRL	Yes	U-6199	WMPO	Wilmington Citywide Signal System Upgrade		New Hanover						PY
Krista Kimmel		DPOC	Yes	U-6201	WMPO	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr		New Hanover						PY
PE Work Continuing														

Date Completed:

9/29/2021

PO:

Brunswick County

Contact:

Caitlin Marks

cmmarks@ncdot.gov

910-341-2001

Projects Under Construction						
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
DC00290	Kirsten Spirakis	New Hanover	New Hanover	I-40 at Exit 420 - GRP 2	Jul-21	83.8%
DC00291	Kirsten Spirakis		New Hanover, Pender	I-40 at Exit 420 - GRP 3	Dec-21	94.58%
C204557	Kirsten Spirakis		New Hanover, Pender	I-40 Rock Plating Group 1	May-22	90.3%
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	47.54%
DC00309	Daniel Jones	New Hanover	New Hanover	ILM Landscape Improvement - Available August 1	Dec-22	30.00%
C203980	Alex Stewart		New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Mar-23	55.98%

Resurfacing									
Contract							Estimated		
Contract Number	Year	County	MPO/RPO	Map	Routes	Completion	Percent Complete		
C204409	2021	Brunswick	CFRPO/GSATS/WMPO	0	1 SECTION OF US-17, US-74/76, AND NC-130; AND 11 SECTIONS OF SECONDARY ROADS	TBD	0		
DC00304	2021	Brunswick	CFRPO/GSATS/WMPO	0	US 17, NC 904 & VARIOUS SECONDARY RDS.	TBD	0		
DC00302	2021	New Hanover	WMPO	0	New Hanover County Resurfacing - Avail May 2021	Jun-22	47.10%		
DC00294	2021	New Hanover	WMPO	0	New Hanover County Resurfacing - Avail March 2021	Sep-22	7.54%		

Interactive Resurfacing Map can be found here: <https://ncdot.maps.arcgis.com/apps/dashboards/dffb3ddde51a4cf4ba6a6334a59806e1>



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

October 2021

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

OCTOBER TPD UPDATES WILMINGTON MPO

OCTOBER 2021

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

Brunswick County Comprehensive Transportation Plan (CTP): The CTP is moving along and we are on schedule. Our last meeting was on 7/22 where we went over the following items:

1. Survey Results
2. Additional Projects from the Survey
3. Future Public Involvement Sessions

The survey closed on June 9th and we collected 6,966 surveys. Our last regular meeting was on 7/22, we will now be meeting on a needs basis going forward. The CTP Engineers also met with agencies listed under Interagency Coordination Protocol list to review relevant information and gathered feedback for incorporation. Currently the TPD engineers are creating internal documents for peer review, management review and steering committee review prior to going to public involvement. Post public involvement comments are incorporated, there will be one more round of reviews prior to adoptions and endorsements.

Wilmington Model: The 2045 Travel Demand Model and 2045 Wilmington MPO MTP was adopted on 11/18/2020 by the Wilmington MPO Board.

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

Helpful Links:

Click on links below to learn more:

- NCDOT home page—ncdot.gov
- Real-Time Traffic—DriveNC.gov | North Carolina Traffic & Travel Information
- Report a pothole—NCDOT Contact Us Form
- NCDOT: State Transportation Improvement Program—ncdot.gov/sti
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>
- Links to all traffic count data information—[Traffic Survey Group \(ncdot.gov\)](http://Traffic Survey Group (ncdot.gov))
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](http://Interactive Traffic Volume map (ncdot.gov))
- Traffic Safety Data & Engineering—NCDOT: Traffic Safety Data & Engineering

NCDOT Statewide Plans:

To learn more, click on the following links:

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