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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: January 7, 2022
SUBJECT: January 12th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, January 12th at 10 am. This meeting will be held in the 4th Floor Technology Conference Room located at 305 Chestnut Street in downtown Wilmington. Due to COVID-19, the meeting is being conducted remotely. **PLEASE NOTE:** This will be a remote meeting conducted pursuant to N.C.G.S. sec. 166A-19.24.

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

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

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

Meeting ID: 867 5584 1388

Passcode: 158784

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Election of Officers
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- November 4, 2021
 - b. Resolution adopting the 2022-2026 Wilmington Urban Area Metropolitan Planning Organization's Strategic Plan
 - c. Resolution endorsing the Targets for Safety Performance Measures Established by the North Carolina Department of Transportation for 2022
 - d. Resolution approving the 2020-2029 STIP/MPO TIP Amendments #21-8

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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- e. Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-10
 - f. Opening of the 30-day public comment period for the 2020-2029 STIP/MPO TIP Amendment# 22-1
 - g. Resolution encouraging the North Carolina Department of Transportation to include additional bicycle and pedestrian facilities in the design for the Gordon Road Widening Project (U-6202)
 - 5) Regular Agenda
 - a. Resolution approving Amendment #2 to the FY 22 Unified Planning Work Program
 - b. Opening of the 30-day public comment period for the FY 23 Unified Planning Work Program
 - 6) Discussion
 - a. Direct Attribute Programs Prioritization Criteria
 - b. Bike Share in Wilmington Region
 - c. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-1
 - 7) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
 - 8) Announcements
 - a. Wilmington MPO Bike/Pedestrian Committee- February 8th
 - 9) Next meeting-February 9, 2022

Attachments:

- TCC Meeting Minutes- November 4, 2021
- 2022-2026 Wilmington Urban Area Metropolitan Planning Organization's Strategic Plan
- Resolution adopting the 2022-2026 Wilmington Urban Area Metropolitan Planning Organization's Strategic Plan
- North Carolina Department of Transportation Safety Targets Memorandum
- Resolution endorsing the Targets for Safety Performance Measures Established by the North Carolina Department of Transportation for 2022
- Proposed 2020-2029 STIP/MPO TIP Amendments #21-8
- Resolution approving the 2020-2029 STIP/MPO TIP Amendments #21-8
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-10
- Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-10
- Proposed 2020-2029 STIP/MPO TIP Amendment# 22-1
- Resolution encouraging the North Carolina Department of Transportation to include additional bicycle and pedestrian facilities in the design for the Gordon Road Widening Project (U-6202)
- Proposed Amendment #2 to the FY 22 Unified Planning Work Program
- Resolution approving Amendment #2 to the FY 22 Unified Planning Work Program
- Proposed FY 23 Unified Planning Work Program
- Summary of Differences between FY 22 and FY 23 UPWPs
- Direct Attribute Programs Prioritization Criteria Memorandum
- Bike Share in Wilmington Memorandum
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-1
- Wilmington Urban Area MPO Update (January)
- Cape Fear Public Transportation Authority Update (January)
- NCDOT Division Project Update (January)
- NCDOT Transportation Planning Division Project Update (January)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Thursday, November 4, 2021
Meeting Minutes**

Members Present

Helen Bunch, Brunswick County
Nick Cannon, MPO Go Coast Program
Patrick Flanagan, Cape Fear Council of Governments
Adrienne Harrington, Town of Belville
Paula Kempton, Town of Carolina Beach
Mike Kozlosky, WMPO
Vanessa Lacer, Pender County
Marty Little, New Hanover County
Caitlin Marks, NCDOT Division of Highways
Megan Matheny, Cape Fear Public Transportation Authority
Robert O'Quinn, Town of Wrightsville Beach
Nazia Sarder, NCDOT Transportation Planning Branch
Barnes Sutton, Town of Navassa
Denys Vielkanowitz, City of Wilmington
Ben Watts, Town of Leland

Members Absent

Stephanie Ayers, NC State Ports Authority
Granseur Dick, Wilmington International Airport
Mandy Sanders, Town of Kure Beach

Others Present

Zach Bugg, Kittelson & Associates
Cheryl Hannah, HDR
Travis Henley, Pender County
Regina Hopkins, WMPO
Scott James, WMPO
Abby Lorenzo, WMPO
Zach Manfredi, WMPO
Rachel McIntyre, WMPO
Aubrey Parsley, City of Wilmington
Ron Satterfield, City of Wilmington

1) Call to Order

Mr. Kozlosky called to order the remote meeting at 10:00 a.m. and took the roll call pursuant to Section 4.31 of Senate Bill 704 (Session Law 2020-3). A quorum was present, as follows:

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

2) Approval of the Agenda

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

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

3) Presentations

a. 2021 Commuter Challenge and Bike Ride Event Results- Nick Cannon, WMPO

WMPO Associate Transportation Planner Nick Cannon gave a brief presentation on the results of the 2021 Commuter Challenge and Bike Ride Events of October. He reported that the 31st River to Sea Bike Ride, which was rescheduled from May to October 16th due to Covid, had 100 participants, and the inaugural Brunswick Heritage Ride on October 23rd had 68 participants. In addition, this year's Commuter Challenge had about 50 participants. The top participants of which were awarded prizes provided by local sponsors.

b. Pender County Streets Plan Update – Travis Henley and Vanessa Lacer, Pender County

Pender County Long Range Planner Vanessa Lacer gave a brief overview of the newly created Pender County Streets Plan, which was created by WSP, and WMPO and Pender County staff, with feedback from boards, and a stakeholder steering committee as well as the public. She noted that this is an update to the 2016 Collector Street Plan and will continue to guide investments in new collector streets for the purposes of reducing congestion on arterial roads, improving connectivity for emergency service providers, and enhancing mobility for pedestrians and cyclists. The 2021 Plan is also aligned with the 2018 Pender 2.0 Comprehensive Plan Future Land Use.

Ms. Lacer said that the study process began in January of this year. She noted that WSP led two rounds of public participation and that two public hearings were held before the plan was adopted on October 18th by the Pender County Board of Commissioners. Main changes of 2021 include updating recommendations to include the reduction in total miles of collector street roadway, the introduction of dynamic polygons for easier implementation, a requirement for bike-pedestrian facilities as part of all collector street roadways, and the streamlining of the street section options. She displayed maps to contrast the 2021 update with the 2016 plan. She pointed out that the requirement for bike-ped facilities would create at full build out a contiguous bike-ped network across southern Pender County, and that the 2021 update scales back the street selection options from nine to four, with the same alternatives for streets with either a ditch or a curb and gutter system.

Mr. Kozlosky noted that a resolution has been included in today's regular agenda to recommend that the MPO Board consider adoption of the 2021 Pender County Street Plan Update.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes- October 13, 2021**
- b. Resolution adopting the 2022 Meeting Calendar**
- c. Resolution approving the 2020-2029 STIP/MPO TIP Amendments #21-7**
- d. Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-9**

Regarding the 2022 Meeting Calendar, Mr. Kozlosky said that Mr. Flanagan anticipates no scheduling conflict with the Cape Fear RPO regarding the TCC's November meeting. He noted that both the TCC and MPO Board meetings would be held earlier during the month of November in 2022.

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

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

5) Regular Agenda

- a. Resolution adopting the 2021 Pender County Collector Street Plan Update**

Ms. Lorenzo noted that Ms. Lacer provided an overview of the updates to the 2021 Pender County Collector Street Plan Update, which was adopted by the Pender County Board of Commissioners on October 18, 2021.

Mr. Cannon made a motion to approve the 2021 Pender County Collector Street Plan Update, and to forward the recommendation to the MPO Board for consideration. Mr. Sutton seconded the motion, and it carried unanimously by roll call as follows:

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

b. Resolution endorsing the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee's Model Ordinance for Bicycle and Pedestrian Infrastructure

Associate Transportation Planner Zach Manfredi expressed appreciation for the feedback on the model ordinance for bicycle and pedestrian infrastructure. He noted that staff made some slight revisions to include additional environmental language into the purpose statement. Additional language that new construction will also have improved facilities and redundancies have been addressed.

Mr. Kozlosky clarified that this is a model ordinance that will need to be vetted and adopted by any local jurisdiction before it could become part of their local ordinances.

Mr. Cannon made a motion to approve the model ordinance, and to forward the recommendation to the MPO Board for consideration. Ms. Lacer seconded the motion, and it carried unanimously by roll call as follows:

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

6) Discussion

a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-10

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

7) Updates

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

Mr. Kozlosky stated that the updates are included in the agenda packet.

8) Announcements

- a. Go Coast TDM Committee Meeting – November 18th at 3:00 p.m.**
- b. FY 23 Local Planning Needs Requests Due to Ms. Lorenzo by 5:00 p.m. December 10th**
- c. Wilmington MPO Bike/Pedestrian Committee- December 14th at 2:00 p.m.**
- d. Next TCC meeting- January 12, 2022**

9) **Adjournment**

There being no further business, Ms. Bunch made a motion to adjourn the meeting, seconded by Mr. Flanagan and meeting was adjourned at 10:23 a.m. by roll call as follows:

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

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



WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

Wilmington Urban Area Metropolitan Planning Organization

2022 - 2026 Strategic Plan

Presented by:



Executive Summary

The Wilmington Urban Area Metropolitan Planning Organization (WMPO) provides a regional and cooperative transportation planning process that serves as the basis for the expenditure of all federal transportation funds in the greater Wilmington, NC area. The WMPO is committed to working with regional partners and community stakeholders to identify and implement transportation projects that serve the needs of residents in the metropolitan area.

The WMPO worked tirelessly to create a strategic plan that will guide us in achieving the vision we set for the future. This document describes the process and results of the strategic plan and outlines the focus areas and top priorities that we developed to meet our goals.

Guiding our work over the next five years, to meet the transportation needs and expectations of our communities, the WMPO identified seven key focus areas throughout this process:

- Improve Safety
- Multi-Modal Focus
- Regionally Focused
- Economic Development
- Community Engagement
- More Organized, Vocal and Cohesive Voice
- Organizational and Operational Effectiveness

The WMPO will use these focus areas to identify and solve transportation challenges in the Wilmington Metropolitan Area. We will refer to these as we plan, develop, and advocate for our residents. These focus areas will also be used as a framework to develop and plan transportation projects under the purview of the WMPO.

WMPO's Strategic Plan in Context

Over the last decade the Wilmington area has maintained steady growth that requires updated and increased levels of transportation planning and projects. This growth also has brought new priorities and perspectives around our region's transportation infrastructure. Our changing communities will require new and updated infrastructure as well as innovative, safe, and equitable programs to increase the overall mobility in the Wilmington Metropolitan Area.

In 2021, the WMPO engaged its Board and regional stakeholders in robust discussions to understand the future needs of the metropolitan area, the most pressing transportation projects, and the challenges associated with these priorities.

For this strategic planning process, the WMPO utilized a facilitated approach to develop and analyze surveys and conducted Board meetings to identify challenges and opportunities facing the WMPO. This collaborative approach to identifying challenges allowed WMPO to determine priorities, focus areas, and potential solutions for present and emerging challenges. This process, and the resulting plan, gives the WMPO an advantage in anticipating and meeting the needs of residents and stakeholders.

Organizational Overview

The WMPO is governed by the WMPO Board, which is tasked with providing policy and direction and approving all the WMPO projects. The Board is made up of thirteen voting members that represent twelve government bodies from the municipal, county, regional, and state levels. The Board also contains non-voting members who represent various government entities whose operations impact transportation planning in the Wilmington area. Non-voting members serve at the invitation of the WMPO Board.

The WMPO is required to conduct the transportation planning process in a continuing, cooperative, and comprehensive manner. In order to accomplish these goals, the WMPO has the responsibility of coordinating TCC and Board activities, adopting a Metropolitan Transportation Plan and Comprehensive Transportation Plan, reviewing and approving the Metropolitan Transportation Improvement Program, completing a Unified Planning Work Program (UPWP), approving changes to the Federal-Aid Functional Classification System, and establishing goals and objectives for the transportation planning process.

The WMPO began this strategic planning process by conducting a survey that asked Board and TCC members about the WMPO's organizational effectiveness, projects, direction, and staff effectiveness. The survey results were presented to the Board for discussion with the goal of finding areas that need improvement and areas in which the MPO can build upon its success. The Board also participated in vision exercises to better understand what will be needed in the coming years. These processes gave the Board an opportunity to review and recertify its current mission and draft a new vision to lead the MPO into the future.

Mission:

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

Vision:

The vision statement below describes our aspirations for the WMPO. This statement indicates our current and future commitments, and where we would like to see the WMPO progress over the next five years.

The Wilmington Metropolitan Planning Organization seeks to provide safe, reliable, and seamless options for transportation for all in the Wilmington Metropolitan Area. The WMPO will speak with a unified voice and work with residents to anticipate the transportation needs of a growing and changing community.

Strategic Focus Areas

The WMPO will continue to work on behalf of the residents in the Wilmington Metropolitan Area by focusing on areas of need to improve our transportation infrastructure. This mission calls for the WMPO to identify these areas of need and implement plans to address them. Through the strategic planning process, we will use the seven identified focus areas to guide our work in the future.

These focus areas will guide the WMPO in developing plans and projects that meet the long-term infrastructure priorities of the Wilmington Area. As we plan for growth and more robust transportation infrastructure, the WMPO will consistently refer to these seven areas to ensure that we are moving in a direction that accomplishes our mission and helps to achieve our vision.

Strategic Focus Areas

The WMPO Board understands that as the Wilmington Metropolitan Area grows and changes in the next five years there will be significant opportunities and challenges in the area's transportation infrastructure needs. This understanding has led the Board to highlight following seven areas of focus for the WMPO:

- Improve Safety
- Multi-Modal Focus
- Regionally Focused
- Economic Development
- Community Engagement
- More Organized, Vocal and Cohesive Voice
- Organizational and Operational Effectiveness

Improve Safety

The WMPO is committed to providing safe and reliable transportation throughout the Wilmington Metropolitan Area. The members of our communities utilize various modes of transportation in their daily lives, and we seek to ensure that every mode of transportation is as safe as the next.

- Adopt Safety Performance Measures and track these measures to determine if and how the area is performing
- Perform data collection/analysis, perform an annual review of the highest vehicle, bicycle, and pedestrian crashes and assist with road safety audits when needed
- Support safety programs such as Vision Zero, "Be A Looker," Watch for Me NC, Bike Safe NC, etc.
- Program funding and pursue grants for projects that reduce crashes, injuries, and fatalities
- Successful implementation of the Traffic Separation Study
- Support the Wilmington Rail Re-alignment Project
- Promote safety, education, and enforcement - give high priority to safety improvements in the vicinity of schools, public transportation, commercial corridors, and other high use bicycle and pedestrian destinations
- Support the NC Ferry System for emergency evacuations and distressed boaters

- Support the Cape Fear Public Transportation Authority for improvements to bus stop amenities and improved access to stop locations
- Focus on Roadway projects that improve safety (access management, turn lanes, signal pre-emption, lighting, signage, etc.)

Multi-Modal Focus

The WMPO will continue to invest in and expand accessibility to non-traditional modes of transportation. We will focus on ensuring that residents in our communities have a choice in how they travel throughout the area.

- Encourage and provide funding to enhance walking, biking, public transportation, and the ferry system in the Wilmington region
- Support critical infrastructure improvements that include multi-use paths, bike lanes, sidewalks, high-visibility crosswalks, push-button pedestrian signal heads, and other improvements for multi-modal transportation
- Encourage an increased focus on multi-modal transportation infrastructure
- Support “complete streets” and incorporate complete streets design into transportation projects in the Wilmington region
- Provide multi-modal connectivity between the various modes of transportation
- Support the development and implementation of plans that encourage multi-modal transportation
- Support the completion of the Wilmington Multi-modal Transportation Center
- Continue to utilize MPO’s surface transportation block grant and transportation alternatives; set aside direct attributable programs to fund our members’ local priorities and needs that support our larger regional network

Regionally Focused

As a planning organization it is crucial that we focus on all communities in our metropolitan area. The WMPO will work to build a robust transportation infrastructure that contributes to economic growth and development throughout the region, becoming less centrally focused and supporting all our members’ needs.

- Provide regional accessibility from our transportation infrastructure
- Work collaboratively with our partners (MPO member jurisdictions, Cape Fear RPO, ILM, CFPTA, NCDOT, etc.)
- Educate WMPO members on services and programs provided by the MPO
- Continue to support projects and policies in the MPO’s long range plan
- Continue to support projects in the MPO Transportation Improvement Program and State Transportation Improvement Program

Economic Development Focused

We understand that economic growth and vitality are crucial to meeting the needs of our residents, communities, and partners. The WMPO will work to enhance the Wilmington Area’s economic development opportunities by planning and implementing infrastructure projects that will enable global competitiveness. We will work to enable growth in all levels of the economy by enhancing transportation network effectiveness, efficiency, and safety.

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
- Promote economic growth in the region through enhanced transportation infrastructure
- Support economic vitality and innovation, transportation network efficiency and safety, and supply chain resilience and reliability
- Support economic development at Wilmington International Airport (business park, improve international and domestic trade and commerce facilities, general aviation improvements), biking (bike tourism, events, etc.), walking, ferry, freight/rail, and public transportation
- Support the NC Ports in their efforts to grow and expand

Community Engagement

The WMPO exists to serve the transportation needs of the residents in our communities. We understand that this is not possible without input and feedback from people who are affected by our decisions. With this understanding we will work with community groups and members to plan and develop programs and projects that anticipate the concerns of our residents.

- Educate citizens and elected officials in order to increase general understanding of transportation issues
- Utilize the adopted Public Participation Plan and enhance efforts related to community engagement
- Enhance the use of social media to disseminate information regarding MPO projects and programs

More Organized, Vocal, and Cohesive Voice

The WMPO seeks to become an organization that effectively communicates with a singular voice on a regular basis. We will use our voice to inform our partner organizations and communities of the projects and plans that we develop as an MPO.

- Continue to develop a Legislative Agenda that outlines the MPO's legislative priorities
- Prioritize transportation projects in order to facilitate conversations amongst local, state, and federal delegation
- Utilize Board and staff relationships to advocate for transportation infrastructure in the Wilmington region

Organizational and Operational Effectiveness

As an MPO it is crucial that we operate effectively and efficiently to achieve the goals that we set for ourselves. The WMPO will continue to improve our operations and find ways to increase operational effectiveness for the people of the Wilmington Metropolitan Area.

- Enhance the utilization of technology to improve operations
- Complete the Compensation Study to compare the MPO staff salaries to the public/private sector and in an effort to mitigate turnover
- Continue annual updates from the MPO's partner and supportive organizations (NCDOT Division 3, NC Rail Division, NC Ferry Division, Wilmington International Airport, and Cape Fear Public Transportation Authority)
- Celebrate and communicate successes to the public- utilize available member jurisdictions communication resources

Top Project Priorities

Through the strategic planning process, the WMPO identified six major projects that we consider to be our top priorities. We view the completion of these projects as crucial to the network of transportation infrastructure in the Wilmington Area. The completion of these projects will vastly improve mobility throughout the region and create opportunities to advance towards the goals that we have for our communities.

Top Priorities (Physical Projects)

- Hampstead Bypass A Section
- Military Cutoff, Eastwood Acceleration
- Independence Boulevard Acceleration
- MLK - Kerr Acceleration
- MLK - Market - Eastwood Acceleration
- Cape Fear Memorial Bridge Replacement

Transportation Funding Methods

As the Wilmington Area continues to grow, we understand that exploring alternative funding methods will be necessary to ensure that we are meeting the needs of our communities and the ambitious and critical goals that we set. The WMPO staff will work with our partners and funding agencies to identify and seek out potential funding methods, including state and federal grants; we will also provide the Board with further funding opportunities to consider.

- Evaluate all potential funding sources for important transportation projects
- Evaluate state and federal grants as potential funding sources
- Develop a list of potential options for MPO Board consideration
- Delineate between larger and smaller projects when developing these options

Key Performance Indicators

The tactical actions and performance indicators for this strategic plan will be developed by the WMPO staff as they take the strategic priorities and create an annual implementation plan. Performance indicators will be used to track progress and support shared accountability across the organization regarding progress on the various priorities. The WMPO Staff will outline the indicators of success and provide them, along with the strategic plan, in a presentation to the Board for final approval. The staff will provide updates to the Board on the progress of the plan at regular intervals.

Implementation Plan and Process

The implementation plan will be developed by the WMPO staff as they finalize the tactical actions and performance indicators. This plan will outline the steps and timelines necessary to meet the objectives of this plan and achieve the goals that derive from it. As the WMPO moves forward with this plan some aspects of implementation will change; thus, it is important that we remain flexible and agile.

Appendix

Appendix 1: Implementation Template

The following template provides an example of how the WMPO may implement the strategic plan. This template contains space to outline the action steps, necessary participants, and proposed timeline for each Focus Area.

Focus Area 1: Improve Safety			
	Action Steps	Participants	Timeline
a			
b			
c			
Focus Area 2: Multi-Modal Focus			
	Action Steps	Participants	Timeline
a			
b			
c			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ADOPTING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION'S 2022-2026 STRATEGIC 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, the Wilmington Urban Area Metropolitan Planning Organization is required under Federal law to complete the transportation planning process in a Continuous, Comprehensive and Coordinated manner and to complete a fiscally constrained Metropolitan Transportation Plan; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board adopted Cape Fear Moving Forward 2045 in November 2020 and this plan serves as the long-range metropolitan transportation plan for the region; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board has developed a strategic plan that will guide the focus of the organization over the course of the next 5 years; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's strategic business plan outlines the Board's strategic focus areas and priorities.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2022-2026 Strategic Plan.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

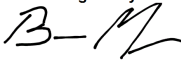
J. ERIC BOYETTE
SECRETARY

DATE: October 12, 2021

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

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

SUBJECT: Safety Performance Measures – FHWA Assessment and 2022 Targets

DocuSigned by:

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Background

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

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

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

North Carolina Safety Performance Target Achievement Determination

In early 2021, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2019 safety targets, based on the 5-year averages for 2015-2019 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety

performance targets established under 23 CFR 490.209(a) have been met or the actual outcome is better than the baseline performance. **Based on FHWA's review, North Carolina has not met or made significant progress toward achieving its safety performance targets.** As a result, NCDOT must ensure that all HSIP safety funds are obligated, and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level. Note that these CY 2019 targets were based off the goal outlined in the 2014 SHSP to reduce fatalities and serious injuries by half by 2030.

Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2019

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2015 - 2019	2015 - 2019	2013 - 2017			
Fatalities (5 Year Average)	1,214.7	1,410.0	1,363.0	No	No	No
Fatality Rate (5 Year Average)	1.097	1.192	1.214	No	Yes	
Serious Injuries (5 Year Average)	2,490.6	4,078.4	2,860.8	No	No	
Serious Injury Rate (5 Year Average)	2.228	3.422	2.522	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	403.7	515.6	436.2	No	No	

Table 2 below shows what this determination would look like if the state's methodology for establishing the CY 2019 goal (reducing fatalities and serious injuries by half by 2030) was applied to crash data specific to Wilmington Urban Area MPO.

Table 2: Wilmington Urban Area MPO Safety Performance Target Achievement Determination Summary for CY 2019

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2015 - 2019	2015 - 2019	2013 - 2017			
Fatalities (5 Year Average)	25.0	30.8	28.4	No	No	No
Fatality Rate (5 Year Average)	1.023	1.152	1.144	No	No	
Serious Injuries (5 Year Average)	55.0	75.6	64.2	No	No	
Serious Injury Rate (5 Year Average)	2.243	2.829	2.574	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	16.6	21.6	20.0	No	No	

2022 State Safety Performance Targets

2022 state safety performance targets were submitted to FHWA on August 31st, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at the following link:

[https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20\(Final%20HSIP%20CY%202022%20Targets\).pdf](https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20(Final%20HSIP%20CY%202022%20Targets).pdf)

Table 3: North Carolina Calendar Year 2022 Safety Performance Targets

Performance Measure	CY 2022
Number of Fatalities	1,254.9
Rate of Fatalities	1.057
Number of Serious Injuries	3,537.6
Rate of Serious Injuries	2.962
Number of Non-Motorized Fatalities & Serious Injuries	486.0

2022 Wilmington Urban Area MPO Safety Performance Targets

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

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC_PerformanceMeasuresData_2022Targets_WilmingtonUrbanAreaMPO.pdf

Table 4: Wilmington Urban Area MPO Specific Safety Performance Targets

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	30.0	1.345	63.2	2.829	16.0
2009 - 2013	26.8	1.197	59.6	2.657	15.4
2010 - 2014	27.8	1.228	55.4	2.449	18.2
2011 - 2015	28.2	1.211	60.0	2.577	19.8
2012 - 2016	29.6	1.236	61.0	2.537	18.6
2013 - 2017	28.4	1.144	64.2	2.574	20.0
2014 - 2018	28.6	1.115	67.0	2.581	20.0
2015 - 2019	30.8	1.152	75.6	2.829	21.6
2016 - 2020	30.8	1.163	79.4	3.013	19.6
2022 Target	25.8	0.961	66.1	2.463	18.1

Next Steps

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

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

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/MPO%20Safety%20Target%20Adoption%20Template%20-%202022CY_FromTransportationPlanningDivision.docx

Finally, a new website (link below) has been established to communicate safety information of specific interest to planning organizations. It is expected that the content on this website will expand over time.

<https://www.ncdot.gov/initiatives-policies/safety/traffic-safety/Pages/Planning-Organization-Resources.aspx>

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

BKM\bgm

cc: Jamal Alavi, PE, CPM
J. Kevin Lacy, PE, CPM
George Hoops, PE

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE ENDORSEMENT OF TARGETS FOR SAFETY
PERFORMANCE MEASURES ESTABLISHED BY THE NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION FOR 2022**

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

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

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

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

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

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

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

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

1. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 12.17 percent from 1,428.8 (2016-2020 average) to 1,254.9 (2018-2022 average) by December 31, 2022.
2. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 13.78 percent from 1.226 (2016-2020 average) to 1.057 (2018-2022 average) by December 31, 2022.
3. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 19.79 percent from 4,410.2 (2016-2020 average) to 3,537.6 (2018-2022 average) by December 31, 2022.

4. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 21.68 percent from 3.782 (2016-2020 average) to 2.962 (2018-2022 average) by December 31, 2022.
5. For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 17.93 percent from 592.2 (2016-2020 average) to 486.0 (2018-2022 average) by December 31, 2022.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

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	- WILMINGTON URBAN AREA	VARIOUS, MIDDLE SOUND LOOP CONNECTOR	CONSTRUCTION	FY 2021 -	\$554,000	(BGDA)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	CONSTRUCTION AND PORTERS NECK WALMART		FY 2021 -	\$138,000	(L)
PROJ.CATEGORY		CONNECTOR. CONSTRUCT MULTI-USE PATH.				
DIVISION		<u>STIP NUMBER IS BEING MODIFIED FROM HL-0035 TO</u> <u>BL-0040 TO BETTER REFLECT THE TYPE OF PROJECT.</u>				
					\$692,000	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENTS #21-8 TO THE
2020-2029 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2020-2029 State/MPO Transportation Improvement Programs for Amendments #21-8; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2020-2029 State/MPO Transportation Improvement Programs for Amendments #21-8.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-10 (November 2021)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

P-5740B NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CSX SE LINE, IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CLOSE AND IMPROVE VARIOUS EXISTING AT-GRADE CROSSINGS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$600,000 (T) FY 2023 - \$25,000 (DP) FY 2023 - \$18,000 (T) FY 2024 - \$2,214,000 (DP) FY 2024 - \$1,570,000 (T) FY 2025 - \$305,000 (DP) FY 2025 - \$217,000 (T) \$4,949,000
W-5803A NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74, US 74 (EASTWOOD ROAD) AT US 17 (MILITARY CUTOFF ROAD), AND US 74 (EASTWOOD ROAD) AT CAVALIER DRIVE IN WILMINGTON. UPGRADE PEDESTRIAN SIGNALS. <u>AT THE REQUEST OF THE DIVISION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$42,000 (HSIP) \$42,000
W-5803B ONSLOW PENDER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17, US 17 BETWEEN NEW HANOVER / PENDER COUNTY LINE AND MILE POST 19.3 IN ONSLOW COUNTY. INSTALL SHOULDER RUMBLE STRIPS. <u>AT THE REQUEST OF THE DIVISION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$425,000 (HSIP) \$425,000
	- JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION			
	- CAPE FEAR RURAL PLANNING ORGANIZATION			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #21-10 TO
THE 2020-2029 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #21-10.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #21-10.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

**STIP/MPO TIP Amendment #22-1
(December 2021)**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ENCOURAGING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION TO INCLUDE ADDITIONAL BICYCLE AND PEDESTRIAN
FACILITIES IN THE DESIGN FOR PROJECT U-6202 GORDON ROAD WIDENING
PROJECT**

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

WHEREAS, the North Carolina Board of Transportation adopted a Complete Streets Policy in July 2009 that directs NCDOT to consider and incorporate all modes of transportation when building new projects or making improvements to existing infrastructure; and

WHEREAS, the North Carolina Board of Transportation's top priority is the safety of users of the transportation network; and

WHEREAS, the North Carolina Department of Transportation (NCDOT) proposes to widen Gordon Road from I-40 to U.S. 17 (Market Street) in New Hanover County to improve capacity and reduce congestion along Gordon Road; and

WHEREAS, the proposed project includes a 2.5 mile multiuse path from Eaton Elementary School to North College Road; and

WHEREAS, the proposed project does not include safe access to the multi-use path from both sides of the street at signalized intersections by way of marked pedestrian crossings; and

WHEREAS, the vision of the 2045 Metropolitan Transportation Plan *Cape Fear Moving Forward 2045* includes "alternative modes of transportation available for most trip types", "promote transportation projects that increase the safety of all users by decreasing injury and increasing user awareness"; and

WHEREAS, the vision of the Short-Range Transportation Demand Management Plan *Cape Fear Change in Motion 2020* includes "improved quality of life through a walkable and bikeable community"; and the highest scoring strategy identified within the plan is "fostering a bicycle and pedestrian friendly culture"; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Bicycle and Pedestrian Advisory Committee does not believe the current proposed design for Gordon Road widening (U-6202) creates a safe environment for bicyclists and pedestrians nor does it further the vision and goals of the aforementioned plans adopted by the WMPO Board; and

WHEREAS, on December 14, 2021, the Wilmington Urban Area Metropolitan Planning Organization's Bicycle and Pedestrian Advisory Committee adopted a resolution urging the North Carolina Department of Transportation to include additional bicycle and pedestrian facilities in the design for the Gordon Road Widening Project (U-6202).

NOW, THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby encourages the North Carolina Department of Transportation to include additional bicycle and pedestrian facilities in the design for the Gordon Road Widening Project (U-6202).

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



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2021 - 2022 Unified Planning Work Program Amendment #2 – STBG-DA
January 26th, 2021

III-D-3 Special Studies: Consultant - N Brunswick County Transit Study - Based on anticipated expenditures, the line item decreased by \$80,500.

III-D-3 Special Studies: Consultant - FY22 Congestion Management Process (CMP) - Based on anticipated expenditures, the line item increased by \$38,500.

III-D-3 Special Studies: Consultant - Leland US 17 Ped Plan - Based on anticipated expenditures, the line item increased by \$20,000.

III-D-3 Special Studies: Consultant - Staff Compensation Analysis - Based on anticipated expenditures, the line item increased by \$5,100.

III-E MANAGEMENT & OPERATIONS - Based on anticipated expenditures, the line item increased by \$16,900.

Wilmington Urban Area Metropolitan Planning Organization
FY2022 Unified Planning Work Program

Amendment #2
January 26, 2022

TASK CODE	TASK DESCRIPTION	SEC. 104 (I) PL				STRBGR-DA				SECTION 5303				TASK FUNDING SUMMARY			
		Highway / Transit		Transit / Highway		Transit / Highway		Transit / Highway		Transit / Highway		Transit / Highway		LOCAL		FEDERAL	
		LOCAL 20%	WBS #: FHWA 80%	TOTAL 100%	LOCAL 20%	WBS #: FHWA 80%	TOTAL 100%	LOCAL 10%	NCDOT 10%	FTA 80%	TOTAL 100%	LOCAL	NCDOT	FEDERAL	TOTAL		
II-A	SURVEILLANCE OF CHANGE																
II-A-1	Traffic Volume Counts	13,000	52,000	65,000	-	-	-	-	-	-	-	13,000	-	52,000	65,000		
II-A-2	Vehicle Miles of Travel	50	200	250	-	-	-	-	-	-	-	50	-	200	250		
II-A-3	Street Systems Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-4	Traffic Accidents	50	200	250	-	-	-	-	-	-	-	50	-	200	250		
II-A-5	Transit System Data	100	400	500	600	2,400	3,000	1,200	1,200	9,600	12,000	1,900	1,200	12,400	15,500		
II-A-6	Dwelling Unit, Pop. & Emp. Change	800	3,200	4,000	-	-	-	-	-	-	-	800	-	3,200	4,000		
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-9	Travel Time Studies	50	200	250	-	-	-	-	-	-	-	50	-	200	250		
II-A-10	Mapping	-	-	-	16,000	64,000	80,000	-	-	-	-	16,000	-	64,000	80,000		
II-A-11	Central Area Parking Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-A-12	Bike & Ped. Facilities Inventory	600	2,400	3,000	-	-	-	-	-	-	-	600	-	2,400	3,000		
II-B	LONG RANGE TRANSPORTATION PLANNING																
II-B-1	Collection of Base Year Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-2	Collection of Network Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-3	Travel Model Updates	2,000	8,000	10,000	-	-	-	-	-	-	-	2,000	-	8,000	10,000		
II-B-4	Travel Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-5	Forecast of Data to Horizon year	2,000	8,000	10,000	-	-	-	400	400	3,200	4,000	2,400	400	11,200	14,000		
II-B-6	Community Goals & Objectives	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-7	Forecast of Future Travel Patterns	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
II-B-8	Capacity Deficiency Analysis	200	800	1,000	-	-	-	-	-	-	-	200	-	800	1,000		
II-B-9	Highway Element of the LRTP	4,800	19,200	24,000	-	-	-	-	-	-	-	4,800	-	19,200	24,000		
II-B-10	Transit Element of the LRTP	400	1,600	2,000	-	-	-	400	400	3,200	4,000	800	400	4,800	6,000		
II-B-11	Bicycle & Ped. Element of the LRTP	4,000	16,000	20,000	-	-	-	-	-	-	-	4,000	-	16,000	20,000		
II-B-12	Airport/Air Travel Element of LRTP	1,000	4,000	5,000	-	-	-	-	-	-	-	1,000	-	4,000	5,000		
II-B-13	Collector Street Element of LRTP	400	1,600	2,000	-	-	-	-	-	-	-	400	-	1,600	2,000		
II-B-14	Rail, Water or other mode of LRTP	500	2,000	2,500	-	-	-	-	-	-	-	500	-	2,000	2,500		
II-B-15	Freight Movement/Mobility Planning	600	2,400	3,000	-	-	-	-	-	-	-	600	-	2,400	3,000		
II-B-16	Financial Planning	400	1,600	2,000	-	-	-	800	800	6,400	8,000	1,200	800	8,000	10,000		
II-B-17	Congestion Management Strategies	3,000	12,000	15,000	-	-	-	-	-	-	-	3,000	-	12,000	15,000		
II-B-18	Air Qual. Planning/Conformity Anal.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IIIA	PLANNING WORK PROGRAM	224	896	1,120	-	-	-	-	-	-	-	224	-	896	1,120		
IIIB	TRANSPORTATION IMPROVEMENT PROGRAM	600	2,400	3,000	-	-	-	-	-	-	-	600	-	2,400	3,000		
IIIC	CVL RGTS, CMP, LRTP, REG. REQS.																
IIIC-1	Title VI	100	400	500	-	-	-	800	800	6,400	8,000	900	800	6,800	8,500		
IIIC-2	Environmental Justice	400	1,600	2,000	-	-	-	-	-	-	-	400	-	1,600	2,000		
IIIC-3	Minority Business Enterprise	100	400	500	-	-	-	800	800	6,400	8,000	900	800	6,800	8,500		
IIIC-4	Planning for the Elderly & Disabled	50	200	250	-	-	-	-	-	-	-	50	-	200	250		
IIIC-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IIIC-6	Public Involvement	1,000	4,000	5,000	-	-	-	800	800	6,400	8,000	1,800	800	10,400	13,000		
IIIC-7	Private Sector Participation	250	1,000	1,250	-	-	-	-	-	-	-	250	-	1,000	1,250		
IIID	INCIDENTAL PLNG./PROJECT DEV.																
IIID-1	Transportation Enhancement Png.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IIID-2	Enviro. Analysis & Pre-TIP Png.	100	400	500	-	-	-	-	-	-	-	100	-	400	500		
IIID-3	Special Studies: Staff Time - Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	2,000	-	8,000	10,000		
IIID-3	Special Studies: Staff Time - Pendler County Roadway Safety Audit	-	-	-	4,000	16,000	20,000	-	-	-	-	4,000	-	16,000	20,000		
IIID-3	Special Studies: Consultant - Strategic Plan Update	-	-	-	500	2,000	2,500	-	-	-	-	500	-	2,000	2,500		
IIID-3	Special Studies: Consultant - Navassa Collector St.	-	-	-	15,000	60,000	75,000	-	-	-	-	15,000	-	60,000	75,000		
IIID-3	Special Studies: Consultant - N Brunswick County Transit Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IIID-3	Special Studies: Consultant - Kure Beach Bike Plan	-	-	-	8,000	32,000	40,000	-	-	-	-	8,000	-	32,000	40,000		
IIID-3	Special Studies: Consultant - FY22 C U h	-	-	-	7,700	30,800	38,500	-	-	-	-	7,700	-	30,800	38,500		
IIID-3	Special Studies: Consultant - Ieland US 17 Red Plan	-	-	-	4,000	16,000	20,000	-	-	-	-	4,000	-	16,000	20,000		
IIID-3	Special Studies: Consultant - Staff #	-	-	-	1,020	5,100	-	-	-	-	-	1,020	-	4,080	5,100		
IIID-4	Regional or Statewide Planning	1,000	4,000	5,000	-	-	-	-	-	-	-	1,000	-	4,000	5,000		
IIIE	MANAGEMENT & OPERATIONS	53,027	212,106	265,133	97,153	388,611	485,764	4,137	4,135	33,085	41,357	154,316	4,135	633,803	792,254		
IIIE	Management & Operations: Staff Time - TDM Program	-	-	-	14,990	57,960	72,950	-	-	-	-	14,990	-	57,960	72,950		
TOTALS		\$92,801	\$371,202	\$464,003	\$168,462	\$673,852	\$842,314	\$9,337	\$9,335	\$74,685	\$93,357	\$270,600	\$9,335	\$1,119,739	\$1,399,674		

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #2 TO THE FISCAL YEAR 2022 UNIFIED
PLANNING WORK PROGRAM**

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

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves Amendment #2 to the FY 2022 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 26, 2022.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



Unified Planning Work Program

Fiscal Year 2023

DRAFT
January 26, 2022

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

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Introduction

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

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

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

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

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

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

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

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

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

Line-Item Codes:

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

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

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

II-A-4 Traffic - No tasks foreseen.

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

II-A-6 Dwelling Unit, Population, Employment Changes - Will measure land use changes by Transportation Analysis Zone between 2010 Census and travel demand model base year. Staff will provide capacity analysis for proposed developments within the Wilmington UrbanArea MPO's planning area boundary.

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

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

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

II-A-10 Mapping - No tasks foreseen.

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

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

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

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

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

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

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

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

Performance Measures from the Infrastructure Investment and Jobs Act.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- 2050 MTP Outreach:

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

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

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

- TDM Program:

To resume Transportation Demand Management efforts, the TDM Program will move forward using STBG-DA and 5303 funding and will continue to be performed by inhouse staff. The TDM Program has been successful in promoting the Commuter Friendly Employer Program, Bike to Work Week, River to Sea Bike Ride, and Commuter Challenge. This program has also been working with local employers to promote alternative modes of transportation and TDM strategies such as carpooling, vanpooling, telecommuting, and personalized commuter plans. The program has completed a successful "Be A Looker" campaign, launched a dedicated Go Coast website, and re-launched the Share the Ride NC effort with a new vendor. TDM Staff is currently working with the Go Coast Committee to craft *Cape Fear Change in Motion* that will serve as the next short-range TDM plan for our region.

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2023
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,200
Section 5303 NCDOT 10%	2,200
Section 5303 FTA 80%	17,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2023
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	200
Section 5303 NCDOT 10%	200
Section 5303 FTA 80%	1,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2023
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	900
Section 5303 NCDOT 10%	900
Section 5303 FTA 80%	7,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2023
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the WilmingtonMPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2023
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	300
Section 5303 NCDOT 10%	300
Section 5303 FTA 80%	2,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2023
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	100
Section 5303 NCDOT 10%	100
Section 5303 FTA 80%	800
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2023
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2023
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	8,007
Section 5303 NCDOT 10%	8,006
Section 5303 FTA 80%	64,048
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations – TDM Program
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies. The MPO will implement Cape Fear Change in Motion 2020.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community. Implementation of strategies and of Cape Fear Change in Motion 2020.
Expected Completion Date of Products	June 2023
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA / WMPO
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,000
Section 5303 NCDOT 10%	1,000
Section 5303 FTA 80%	8,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Wilmington Urban Area Metropolitan Planning Organization FY2023 Unified Planning Work Program

Draft 1

January 26, 2022

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL Highway / Transit				STBGP-DA Highway / Transit				SECTION 5303 Transit / Highway						TASK FUNDING SUMMARY			
		WBS #:		Total		WBS #:		Total		WBS #:		Total		WBS #:		LOCAL	NCDOT	FEDERAL	TOTAL
		LOCAL 20%	FHWA 80%	100%		LOCAL 20%	FHWA 80%	100%		LOCAL 10%	NCDOT 10%	FTA 80%	100%						
II-A	SURVEILLANCE OF CHANGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-1	Traffic Volume Counts	14,035	56,141	70,176	-	-	-	-	-	-	-	-	-	-	-	14,035	-	56,141	70,176
II-A-2	Vehicle Miles of Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-3	Street Systems Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-4	Traffic Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-5	Transit System Data	-	-	-	-	-	-	-	-	2,200	2,200	17,600	22,000	-	-	2,200	2,200	17,600	22,000
II-A-6	Dwelling Unit, Pop. & Emp. Change	-	3,200	4,000	-	-	-	-	-	-	-	-	-	-	-	800	-	3,200	4,000
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-9	Travel Time Studies	50	200	250	-	-	-	-	-	-	-	-	-	-	-	50	-	200	250
II-A-10	Mapping	-	-	-	-	19,635	78,538	98,173	-	-	-	-	-	-	-	19,635	-	78,538	98,173
II-A-11	Central Area Parking Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-12	Bike & Ped. Facilities Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B	LONG RANGE TRANSPORTATION PLANNING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-1	Collection of Base Year Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-2	Collection of Network Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-3	Travel Model Updates	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000
II-B-4	Travel Model Updates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-5	Forecast of Data to Horizon year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-6	Community Goals & Objectives	1,000	4,000	5,000	-	-	-	-	-	200	200	1,600	2,000	-	-	1,200	200	5,600	7,000
II-B-7	Forecast of Future Travel Patterns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-8	Capacity Deficiency Analysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-9	Highway Element of the LTRP	4,800	19,200	24,000	-	-	-	-	-	-	-	-	-	-	-	4,800	-	19,200	24,000
II-B-10	Transit Element of the LTRP	200	800	1,000	-	-	-	-	-	900	900	7,200	9,000	-	-	1,100	900	8,000	10,000
II-B-11	Bicycle & Ped. Element of the LTRP	4,600	18,400	23,000	-	-	-	-	-	-	-	-	-	-	-	4,600	-	18,400	23,000
II-B-12	Airport/Air Travel Element of LTRP	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
II-B-13	Collecto. Street Element of LTRP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-14	Rail, Water, or other mode of LTRP	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
II-B-15	Freight Movement/Mobility Planning	600	2,400	3,000	-	-	-	-	-	-	-	-	-	-	-	600	-	2,400	3,000
II-B-16	Financial Planning	400	1,600	2,000	-	-	-	-	-	800	800	6,400	8,000	-	-	1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	3,000	12,000	15,000	-	-	-	-	-	-	-	-	-	-	-	3,000	-	12,000	15,000
II-B-18	Air Qual. Planning/Conformity Anal.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-A	PLANNING WORK PROGRAM	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
III-C	CV. RGTS., CMP./OTR., REG., REOS.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-C-1	Title VI	100	400	500	-	-	-	-	-	300	300	2,400	3,000	-	-	400	300	2,800	3,500
III-C-2	Environmental Justice	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000
III-C-3	Minority Business Enterprise	50	200	250	-	-	-	-	-	100	100	800	1,000	-	-	150	100	1,000	1,250
III-C-4	Planning for the Elderly & Disabled	50	200	250	-	-	-	-	-	-	-	-	-	-	-	50	-	200	250
III-C-5	Safety/Drug Control/Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-C-6	Public Involvement	4,000	16,000	20,000	-	-	-	-	-	800	800	6,400	8,000	-	-	4,800	800	22,400	28,000
III-C-7	Private sector Participation	250	1,000	1,250	-	-	-	-	-	-	-	-	-	-	-	250	-	1,000	1,250
III-D	INCIDENTAL PLNG./PROJECT DEL.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-D-1	Transportation Enhancement Pmg.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III-D-2	Enviro. Analysis & Pre-TIP Pmg.	100	400	500	-	-	-	-	-	-	-	-	-	-	-	100	-	400	500
III-D-3	Special Studies: Staff Time - Planning	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000
III-D-3	Special Studies: Consultant - Pender Co. Bike Ped Plan	-	-	-	-	19,000	76,000	95,000	-	-	-	-	-	-	-	19,000	-	76,000	95,000
III-D-3	Special Studies: Consultant - MTP Development	-	-	-	-	3,000	12,000	15,000	-	-	-	-	-	-	-	3,000	-	12,000	15,000
III-D-4	Regional or Statewide Planning	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
III-E	MANAGEMENT & OPERATIONS	48,640	194,559	243,199	-	-	-	-	-	8,007	8,006	64,048	80,061	-	-	166,867	8,006	699,487	874,360
III-E	Management & Operations: Staff Time - TDM Program	-	-	-	-	18,000	72,000	90,000	-	1,000	1,000	8,000	10,000	-	-	19,000	1,000	80,000	100,000
TOTALS		\$89,975	\$359,900	\$449,875		\$169,854	\$679,419	\$849,273		\$14,307	\$14,306	\$114,448	\$143,061			\$274,137	\$14,306	\$1,153,766	\$1,442,209

Anticipated DBE Contracting Opportunities for FY 2023

Name of MPO: Wilmington Urban Area MPO

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

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

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

David Piepmeyer, Chair

*****Subscribed and sworn to me this ____ day of _____, 2022.

Notary Public

My commission expires _____

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

FY22 to FY23 Breakdown Summary Differences									
	PL(104)	Fed Share 80%	Local Share 20%	STBGP-DA	Fed Share 80%	Local Share 20%	5303	Fed Share 80%	Totals
Fund Match %									
FY23	449,875	359,900	89,975	849,273	679,418	169,855	143,061	114,448	1,442,209
FY22	464,003	371,202	92,801	842,314	673,851	168,463	93,357	74,685	1,399,674
Difference	(14,128)	(11,302)	(2,826)	6,959	5,567	1,392	49,704	39,763	42,535

	Fed Share	State Share	Local Share	Totals
FY23	1,153,766	14,306	274,137	1,442,209
FY22	1,119,739	9,335	270,601	1,399,674
Difference	34,027	4,971	3,536	42,535
% Change	3.0%	53.3%	1.3%	3.0%

FY2023 Local Members' Budget				
	PL(104)	STBGP-DA	5303	MPO Total
Local 20% Match	89,975	169,855	14,307	274,137
Wilmington	37,906	71,559	6,029	115,494
New Hanover	34,03%	57,802	4,869	93,289
Pender	9,48%	16,102	1,356	25,988
Leland	5,35%	4,814	765	14,666
Brunswick	3,60%	3,239	515	9,869
Carolina Beach	2,26%	2,033	323	6,195
Wrightsville Beach	0,98%	882	140	2,687
Kure Beach	0,80%	720	114	2,193
Belville	0,77%	693	110	2,111
Navassa	0,60%	540	86	1,645
	100,00%	89,975	169,855	274,137

Increase from FY22	
	1,490
	1,204
	336
	188
	127
	80
	35
	28
	27
	21
	3,536

FY2022 Local Members' Budget				
	PL(104)	STBGP-DA	5303	Total
Local 20% Match	92,801	168,463	9,337	270,601
Wilmington	39,098	70,973	3,933	114,004
New Hanover	31,580	57,328	3,177	92,085
Pender	8,797	15,970	885	25,652
Leland	4,965	9,013	500	14,478
Brunswick	3,341	6,065	336	9,742
Carolina Beach	2,097	3,807	211	6,115
Wrightsville Beach	909	1,651	92	2,652
Kure Beach	742	1,348	75	2,165
Belville	715	1,297	72	2,084
Navassa	557	1,011	56	1,624
	92,801	168,463	9,337	270,601



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Memorandum

To: WMPO TCC members

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

Date: January 4, 2022

Subject: Revisions to methodology for ranking STBGP/TASA Direct Attributable projects

The Surface Transportation Program – Direct Attributable (STP-DA)/ Transportation Alternatives Program – Direct Attributable (TAP-DA) programs first awarded funding to WMPO’s member jurisdictions in fiscal year 2013. New legislation has changed the name to the Surface Transportation Block Grant Program -Direct Attributable/Transportation Alternative Set-Aside-Direct Attributable (STBGP-DA/TASA-DA) programs and provided modified guidance. Subsequent funding mechanisms have resulted in additional monies (FAST Act in 2016 and extended in 2019 and the CRRSSA in 2020) being made available for qualified transportation infrastructure projects.

In response, staff has worked to streamline the application process and provide additional clarification of allowable projects, in addition to modifications to the selection methodology used to rank applications. The most recent call for projects received seven (7) applications, the majority (six of seven) of which were for non-automotive projects.

The current methodology relies upon past evaluation metrics used in traffic engineering. These metrics often describe congestion, capacity, connectivity and safety as reflected in the use of motorized transportation. Given the propensity to propose non-automotive projects within the WMPO planning area, staff recommends revising or expanding the ranking methodology to include metrics reflective of these projects.

Staff will solicit input and suggestions from the WMPO member jurisdictions on the proposed revisions and prepare a revised set of parameters for use in the ranking methodology before the next call for projects.

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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MEMORANDUM

To: WMPO Board Members
From: Nick Cannon, TDM Coordinator
Date: December 30, 2021
Subject: Bike Share in Wilmington

The Wilmington Urban Area Metropolitan Planning Organization (WMPO) and City of Wilmington have identified Bike Share as a viable way to increase mobility choices for area residents and visitors while reducing traffic congestion caused by the use of single occupancy vehicles for short trips. Bike Share is a micro-mobility service in which bicycles are made available for use on a short-term basis and may be ridden to and from set locations throughout an area.

In past efforts to implement bike share in the City of Wilmington, the WMPO has been the lead agency in the search for a program and vendor. A Request for Proposal was first released in October 2017. After reviewing responses, the Bike Share Selection Committee provided a recommendation to Wilmington City Council for a preferred vendor. The chosen vendor was unable to implement a bike share program within the City of Wilmington and the agreement was terminated in January 2020. A second RFP was released in February 2020, but the project was put on hold due to COVID-19.

Bike Share was identified in the short-range TDM plan *Cape Fear Change in Motion 2020* as one of the seven strategies to reduce traffic congestion and diversify mode use. The WMPO believes that a bike share program in Wilmington would be a beneficial mobility resource to residents and visitors and an effective transportation demand management strategy.

WMPO staff recommends releasing a new RFP in early 2022 to continue the search for a bike share vendor in Wilmington.

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-1 (December 2021)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* I-6036 BRUNSWICK PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION <u>TO REFLECT THE LATEST INTERSTATE MAINTENANCE PRIORITIZATION, ACCELERATE CONSTRUCTION FROM FY 25 TO FY 23.</u>	I-140, US 17 TO NORTH OF US 74, PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2023 - \$4,675,000 (NHPIM) FY 2024 - \$825,000 (NHPIM) \$5,500,000
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I-6037 NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION <u>TO REFLECT THE LATEST INTERSTATE MAINTENANCE PRIORITIZATION, DELAY CONSTRUCTION FROM FY 26 TO FY 28.</u>	I-140, US 421 TO I-40, PAVEMENT AND BRIDGE REHABILITATION.	CONSTRUCTION	FY 2028 - \$3,066,000 (NHPIM) FY 2029 - \$4,234,000 (NHPIM) \$7,300,000
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* I-6039 NEW HANOVER PENDER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION <u>TO REFLECT THE LATEST INTERSTATE MAINTENANCE PRIORITIZATION, ACCELERATE CONSTRUCTION FROM FY 25 TO FY 23, COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	I-40, I-40 FROM END I-40 (MILE MARKER 420) TO NC 210 (MILE MARKER 408), PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2023 - \$3,432,000 (NHPIM) FY 2024 - \$8,976,000 (NHPIM) FY 2025 - \$792,000 (NHPIM) \$13,200,000
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* I-6040 PENDER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION <u>TO REFLECT THE LATEST INTERSTATE MAINTENANCE PRIORITIZATION, ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22, COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	I-40, EAST OF US 117 (MILE MARKER 389.5) TO NC 210 (MILE MARKER 408), PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2022 - \$7,175,000 (NHPIM) FY 2023 - \$13,325,000 (NHPIM) \$20,500,000
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* U-5534 BRUNSWICK NEW HANOVER PENDER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION <u>ADD CONSTRUCTION IN FY 22 NOT PREVIOUSLY PROGRAMMED.</u>	VARIOUS, WILMINGTON URBAN AREA MPO STP-DA PROGRAM.	CONSTRUCTION	FY 2022 - \$471,000 (BGDA) FY 2022 - \$168,000 (BGDACV) FY 2022 - \$118,000 (L) \$757,000
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**WILMINGTON URBAN AREA
MPO
January 2022**

PENDER COUNTY STREETS PLAN

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

Project Status and Next Steps:

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

KURE BEACH BIYCLE AND PEDESTRIAN PLAN

Project Description/Scope: The Town of Kure Beach, Alta, and the WMPO kicked off development of a bicycle and pedestrian plan for the Town of Kure Beach in September 2021. The plan is intended to aid the Town in the development and prioritization of its bicycle and pedestrian infrastructure needs. A kick-off meeting to discuss the Town's existing bicycle and pedestrian infrastructure and develop a timeline and strategy for public engagement was held in mid-October. A 3-day charrette activity was held November 30 through December 2. The charrette included two public meetings and stakeholder interviews. Approximately 150 members of the public attended the two public meetings, with numerous others providing input through the online interactive map tool.

Project Status and Next Steps:

- Development of draft plan to include top project recommendations in winter 2022
- 30-day public review and comment period of draft plan in winter/spring 2022
- Presentation of final plan to Kure Beach Town Council in spring 2022
- Presentation of final plan to WMPO Board in spring 2022

NAVASSA COLLECTOR STREET PLAN

Project Description/Scope: In October, AECOM, the Town of Navassa, and the WMPO kicked off the development of the Navassa Collector Street Plan. Development of the plan, which will serve as an update to the 2004 Town of Navassa Collector Street Plan, is scheduled to last approximately eight months. The plan is funded as a special study in the WMPO's adopted FY 22 UPWP.

The updated collector street plan will serve as a tool for the Town to guide both public and private investments in shaping the transportation network as the Town continues to grow. The plan will provide a comprehensive network of streets to safely and efficiently access major roads and thoroughfares, outline collector street design recommendations, and identify opportunities for multimodal connectivity, preparing the Town to serve future developments while preserving its existing neighborhoods. The proposed collector street network will complement the Town's future park and trail network as well as the Comprehensive Bicycle and Pedestrian Plan currently in development. Plan

development is being guided by a Steering Committee and will incorporate public input received via a planned survey and in-person public meeting. Project visioning and local context identification, incorporating feedback from first Steering Committee meeting held on December 8th.

Project Status and Next Steps:

- Development of a public engagement survey to launch January 17th Public Meeting in early March
- Development of draft plan (including implementation plan) in spring 2022
- Presentation to Navassa Town Council in late spring/early summer 2022
- Presentation to WMPO Board in late spring/early summer 2022

SITE DEVELOPMENT REVIEW

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

- New Hanover County Formal Plan Reviews: 5 reviews
- New Hanover County Informal Plan Reviews: 2 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: reviews
- Town of Leland Formal Reviews: 7 reviews
- Town of Leland Informal Reviews: 3 reviews
- Town of Navassa Formal Plan Reviews: 0 review
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 review
- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 34 total active (20 under review; 7 approved; 7 new): New Hanover County 10 (2 new, 5 under review, 3 approved), City of Wilmington 6, (4 under review, 2 approved) Carolina Beach 1, (1 under review), Town of Belville 0, Town of Leland 9, (1 new, 4 under review, 3 approved), Town of Navassa 0, Pender County 5 (2 new, 3 under review), and Brunswick County 3, (2 New, 1 under review)
- Pender County Development Plan Formal Reviews: 0 reviews
- Pender County Informal Plan Reviews: 4 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 28 reviews (10 new, 18 on-going)
- City of Wilmington Informal Reviews: 16 reviews (6 new, 10 on-going)
- City of Wilmington Concept Reviews: 0 reviews
- COW Project Releases: 5

**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
- 90% Design documents submitted in late September
- 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 is complete; Town issued Notice of Acceptance
- Town working with NCDOT to close out the project
- 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 anticipated to be substantially complete in December 2021.
- Complete Project Closeout – Winter 2021/2022

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

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

Project Status and Next Steps:

- 90% design documents submitted in late September
- 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:

- 90% design documents submitted in late September
- 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:

- Received ROW Certification on October 22, 2021
- AECOM completed 100% Plans, Specs, and Estimate on November 3, 2021
- City sent 100% PS&E to NCDOT for review on November 8, 2021

- City sent City/NCDOT Comments on Plans and Estimate to AECOM on November 29, 2021

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
- Project is completed

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

U-6234 MULTI-MODAL PHASE 1 B

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

Project Status and Next Steps:

- Bid package finalized on October 19, 2021
- Pre-bid conference held December 9, 2021
- Bids to be opened January 13, 2022

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

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

Project Status and Next Steps:

- Design contract approved May 5, 2021 by City Council: execution complete.
- Design kick-off meeting held July 23, 2021 with Wilmington Fire Department, Traffic

Engineering and Davenport Staff.

- Design started in October lasting through April 2022.

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

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

Project Status and Next Steps:

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

TASA-DA

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

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

Project Status and Next Steps:

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

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

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

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:

- 90% traffic signal and communication designs submitted, reviewed and sent back for modifications
- Anticipated final project design approval end of January 2022

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

- Go Coast’s 2021 “Be A Looker” bicycle and pedestrians safety campaign will conclude at the end of October.
- “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.
- TDM Coordinator has also reached out to TCC members to assess possibility for event partnerships with all Member Jurisdictions
- <https://www.gocoastnc.org/bealooker/>
- Since the start of the 2021 “Be A Looker” campaign in May, Go Coast has given away 117 helmets with the Wilmington Fire Department at 5 separate events

2. 31st Annual River to Sea Bike Ride

- 293 cyclists participated in the 31st Annual River to Sea Bike Ride on October 16, 2021

3. Brunswick Heritage Riverside Ride

- The Inaugural Brunswick Heritage Riverside Ride reached its cap registration of 100 participants
- The ride will take place on October 23, 2021.

4. Cape fear Change in Motion 2020 and TDM Services

- In total, Go Coast gave 12 presentations to member jurisdiction governing boards on Cape Fear Change in Motion 2020 from August to October

5. Bicycle Suitability Map Update

- The Bicycle and Pedestrian Advisory Committee has evaluated every roadway in the WMPO region that has been scored for bike suitability
- The BPAC will approve a final draft with recommendation to be adopted by the Board in the BPAC December meeting.

6. Go Coast Commuter Challenge

- The 2021 Go Coast Commuter Challenge will take place October 16-31.
- A new feature Commuter Challenge is available in Share the Ride NC Mobile app. Participants will be able to join teams to compete in the event with friends, family, and colleagues
- Wilmington City Council has approved the \$615 worth of donations from local businesses to be given as prizes to top participants

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



Project Updates January 2022

1. **Wilmington Regional Microtransit Pilot Project - RideMICRO**

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

Monday, October 11, 2021 marked the official launch of the program, beginning with service to **Zone 1 Northern Brunswick/Downtown Wilmington** and **Zone 2 Pender/Northeastern New Hanover County**. Service to **Zone 3 Southern New Hanover/Pleasure Island** was implemented December 1, 2021. Service to the fourth and final zone, **Zone 4 Northern New Hanover County** will go live spring of 2022. The three active zones contain a combined total of over 3,270 virtual stop locations. (Maps included as attachments to this report.) Virtual stops within each active zone: <https://arcgis.is/1KvyOS>.

The full technology suite for the RideMICRO program is scheduled for implementation **Monday, January 17, 2022**. An expansion to operating hours will be offered at this time as well. Customers will have the ability to plan routes, identify the closest virtual stop, book trips, pay fares, and track their vehicle in real-time through the RideMICRO app.

The Authority has witnessed increased productivity since the implementation of service 12 weeks ago. A total of 265 trips were performed across the three transportation zones at the close of the 2022 calendar year. We look forward to continued growth following the launch of the full tech suite in mid-January.

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. The FY2023 application for a second year of support was submitted and remains under review for approval by NCDOT.

2. **Network Redesign Slated for July 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.

In response, Authority staff developed a revised System Network Redesign, to be implemented July 2022. The network redesign consists of four phases including, *Service Planning and Design*, *Public Outreach and Stakeholder Engagement*, *Presentation of Finalized Service Network*, and

Education and Implementation. Staff recommendation for the revised network was presented to the Authority's Board of Directors for review and consideration on Thursday, November 18, 2021. On January 27, 2022, the Board of Directors will vote on a finalized draft network for staff to bring forth to the community. Updates on public engagement opportunities will be published through official press releases, on the homepage of the Authority's website at: <https://www.wavetransit.com/>, onboard revenue vehicles, via social media, and at major transfer stations as we progress through the network redesign.

Projects in Development								
Project Manager	Contract Ty	Committed	TIP	Description	County	Utilities Move Forward	ROW Move Forward	SAP Let Date
Central	Raleigh		B-5642	Brunswick 65 on NC 87 over Hood Creek	Brunswick	Y	Y	12/21/2021
Central	Raleigh		15BPR.26	New Hanover 48 on I-40 E and I-40 W/NE Substructure Repairs	New Hanover	Y	Y	1/18/2022
Trace Howell	DDRL	Yes	R-3300B	Hampstead Bypass	New Hanover/ Pender	Y	Y	1/18/2022
Mike Bass	DPOC	Yes	U-5710A	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
Rail Division	Rail	Yes	P-5740 A	Wilmington Rail Rehabilitation, Curve Realignment and Upgrade Rail Bridges	New Hanover	Y	Y	4/1/2022
Rail Division	Rail	Yes	P-5740C	Wilmington Installation of Railroad Grade Crossing Signals and Gates at Various At-Grade Crossings	New Hanover	Y	Y	6/1/2022
Eric Murray	DPOC	Yes	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	Y	Y	6/2/2022
Derek Pielech	DPOC		BP3-R004	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayettevill Rd) (Previously 17BP.3.R.84)	Brunswick	Y	Y	6/23/2022
David Leonard	DPOC		W-5703E	US 117/NC 132 (College Rd) sidewalk between Randall Pkwy and N of University Drive	New Hanover			8/4/2022
Trace Howell	DPOC		W-5703R	NC 132 (South College Rd) and Braggs Drive offset lefts	New Hanover			9/15/2022
Eric Murray	DPOC		W-5601DH	3rd St and Dock St Intersection	New Hanover			10/21/2022
Eric Murray	DPOC		W-5703C	Monkey Junction Pedestrain Improvements	New Hanover			11/17/2022
Rail Division	Rail	Yes	P-5740B	CSX SE Line Improvements to Hwy Grade Xings, Close & Improve Various Exist. At-Grade Crossings	New Hanover	Y	Y	4/28/2023
Lydia	DDRL		I-6039	I-40 Pavement rehab from Milemarker 420 to NC 210	New Hanover, Pender			6/20/2023
Krista Kimmel	DDRL		U-5926	New Route from 23rd St to 26th St	New Hanover	Y	Y	12/19/2023
Brian Harding	DDRL	Yes	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover			6/18/2024
Lydia	DPOC		I-6036	I-140 - US 17 to North of US 74 pavement rehab	Brunswick			10/17/2024
Derek Pielech	DPOC	Yes	17BP.3.R.93	Replace Bridge 208 over Sturgeon Creek on SR 1472 (Village Road) in Brunswick County	Brunswick			7/1/2025
Mike Bass	DDRL	Yes	U-5710	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover			9/16/2025
Central	Raleigh		B-5653	Pender 14 on NC 133 over Turkey Creek	Pender			1/20/2026
Lydia	DDRL		I-6037	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover			2/17/2026
Trace Howell	DDRL	Yes	U-5792	MLK at College	New Hanover			6/16/2026
Trace Howell	DDRL	Yes	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	New Hanover/ Pender	Y	Y	9/15/2026
Brian Harding	DDRL	Yes	U-5954	NC 133 at 23rd St Roundabout	New Hanover			6/15/2027
Derek Pielech	Raleigh	Yes	BR-0008	Replace Bridge 7 on US 17 over US 76	Brunswick			9/21/2027
Brian Harding	DDRL	Yes	U-5731	US 74 at US 17/US 421 Flyover	New Hanover			5/16/2028
Krista Kimmel	DDRL	Yes	U-4434	Independence Boulevard Extension	New Hanover			6/20/2028
Brian Harding	DDRL	Yes	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover			7/18/2028
Trace Howell	DDRL	Yes	U-5732	Hampstead Median: US 17 from SR 1582 (Washington Acres Rd) to Vista Lane	Pender			9/19/2028

Lydia	DPOC	I-6038	I-140 from US 421 to US74/US76 pavement rehab	Hanover	11/16/2028	
Krista Kimmel	DDRL	Yes	U-3338C	Kerr Ave Interchange at MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	Yes	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	Yes	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	Y 6/19/2029
Trace Howell	DDRL	Yes	U-5702A	College Rd from New Centre to Shipyard	New Hanover	PY
Trace Howell	DDRL	Yes	U-5702B	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover	PY
Trace Howell	DDRL	Yes	U-5704	US 17 (Oleander) at College	New Hanover	PY
Brian Harding	DDRL	Yes	U-5734	US 421 Front St Widening	New Hanover	PY
Trace Howell	DDRL	Yes	U-5790	Monkey Junction Interchange	New Hanover	PY
Brian Harding	DDRL	Yes	U-5863	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	PY
Trace Howell	DDRL	Yes	U-5881	College Rd from Gordon Rd to New Centre	New Hanover	PY
Brian Harding	DPOC	No	U-6128	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts	New Hanover	PY
None	DDRL	Yes	U-6199	Wilmington Citywide Signal System Upgrade	New Hanover	PY
Krista Kimmel	DPOC	Yes	U-6201	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	PY

PE Work Continuing	
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Date Completed:
PO:

12/22/2021
WM/PO

Contact: Caitlin Marks cmmarks@ncdot.gov

910-341-2001

Projects Under Construction						
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
DC00316	Alex Stewart	W-5601DH	New Hanover	3rd and Dock St	LET 10/21/21	0.00%
DC00291	Kirsten Spirakis		New Hanover, Pender	I-40 at Exit 420 - GRP 3	Dec-21	99.63%
DC00249	Alex Stewart	B-4590	New Hanover	Bridge 29 over Smith Creek	Oct-23	12.23%
C204557	Kirsten Spirakis		New Hanover, Pender	I-40 Rock Plating Group 1	Jun-22	100
DC00309	Daniel Jones	49404	New Hanover	ILM Landscape Improvement - Available August 1	Dec-22	88.28%
DC00300	Daniel Jones	R-2633BA(L)	Brunswick	Navassa Landscape Enhancement	Dec-22	80.87%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Mar-23	61.87%
C204331	Alex Stewart	15BPR.19	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	Aug-22	3.28%
TBD	Alex Stewart	15BPR.26	New Hanover	Cape Fear (#48 I-140 E) Shear Strengthen	TBD	TBD
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Sep-23	50.36%
TBD	Alex Stewart	15BPR.26	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD
DC00315	Lydia McKeel	51215.01AD	New Hanover	SR 1187 (Sanders Road) Sinkhole Repairs	Dec-21	24.09%

Resurfacing							
Contract		County	MPO/RPO	Map	Routes	Estimated	
Contract Number	Year					Completion	Percent Complete
DC00311	2022	New Hanover	WMPO	0	Market Street, 3rd Street, Independence Blvd, and patching on 16th & 17th Streets	Sep-23	0.00%
DC00318	2021	Pender	WMPO/CFRPO	0	Pender County Resurfacing	TBD	0.00%
C204409	2021	Brunswick	CFRPO/GSATS/WMPO	0	1 SECTION OF US-17, US-74/76, AND 11 SECTIONS OF SECONDARY ROADS	Oct-22	0.00%
DC00304	2021	Brunswick	CFRPO/GSATS/WMPO	0	US 17, NC 904 & VARIOUS SECONDARY RDS.	Jun-22	0.00%
DC00302	2021	New Hanover	WMPO	0	New Hanover County Resurfacing	Jan-22	88.93%
DC00294	2021	New Hanover	WMPO	0	New Hanover County Resurfacing	Sep-22	17.80%

Interactive Resurfacing Map can be found here: <https://ncdot.maps.arcgis.com/apps/dashboards/d967e1f18d1c41aca2f260fb630a4c64>



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

January 2022

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

JANUARY TPD UPDATES WILMINGTON MPO

JANUARY 2022

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

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

Wilmington Model: The 2045 Travel Demand Model and 2045 Wilmington MPO MTP was adopted on 11/18/2020 by the Wilmington MPO Board. The next Wilmington Model update will start in spring of this year in preparation for the next MTP.

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

NCDOT Awards 2021 Bicycle and Pedestrian Planning Grants: Thirteen municipalities from across the state will receive assistance with bicycle and pedestrian planning, thanks to grants awarded this fall by the N.C. Department of Transportation.

The NCDOT Bicycle and Pedestrian Planning Grant program, now in its nineteenth year, helps North Carolina communities develop a comprehensive strategy for expanding bicycle and pedestrian facilities, and improving the safety of our transportation network for all users.

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

Helpful Links:

Click on links below to learn more:

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

NCDOT Statewide Plans:

To learn more, click on the following links:

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