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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 8, 2020
SUBJECT: January 13th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, January 13, 2021 at 10 am. Due to COVID-19, the meeting is being conducted remotely.

PLEASE NOTE: This will be a remote meeting conducted pursuant to Section 4.31 of S.L. 2020-3, SB 704.

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

<https://zoom.us/j/96877813412?pwd=dnF5bVhaQWVjWEVsZVVycDJ0bzNhdz09>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in numbers: 312 626 6799 or 646 558 8656 and entering the following credentials:

Meeting ID: 968 7781 3412

Password: 521963

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) Presentation
 - a. Building Renovations at 525 North 4th Street- Scott A. James, WMPO
- 5) Consent Agenda
 - a. Approval of TCC Meeting Minutes- November 12, 2020
 - b. Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Amendment #20-5
 - c. Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-7
 - d. Opening of the 30-day Public Comment Period for the 2020-2029 STIP/MPO TIP Amendments #21-1

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 adopting the 2020 Congestion Management Process Biennial Report
 - 6) Regular Agenda
 - a. Resolution adopting the 2021 Legislative Agenda
 - 7) Discussion
 - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-1
 - b. Draft FY 22 Budget
 - c. 2021-2025 MPO Strategic Business Plan
 - 8) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
 - 9) Announcements
 - a. MPO DA Funded Call for Projects- Due February 5, 2021
 - b. Bike/Pedestrian Committee Meeting- February 9, 2021
 - c. Go Coast TDM Committee Meeting- February 18, 2021
 - 10) Next meeting- February 10, 2021

Attachments:

- TCC Meeting Minutes-November 12, 2020
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Amendment #20-5
- Resolution approving the 202-2029 STIP/MPO Transportation Improvement Program Amendment #20-5
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-7
- Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-7
- Proposed 2020-2029 STIP/MPO TIP Amendments #21-1
- Draft 2020 Congestion Management Process Biennial Report and Technical Appendix:
<https://www.wmpo.org/wp-content/uploads/2021/01/2020-CMP-REPORT-DRAFT-110520-REDUCED.pdf>
<https://www.wmpo.org/wp-content/uploads/2021/01/2020-CMP-APPENDIX-DRAFT-110520.pdf>
- Resolution adopting the 2020 Congestion Management Process Biennial Report
- Draft 2021 Legislative Agenda
- Resolution adopting the 2021 Legislative Agenda
- 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #21-1
- Draft FY 22 Budget
- 2021-2025 MPO Strategic Business Plan Scope of Services
- Wilmington Urban Area MPO Project 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 12, 2020
Meeting Minutes**

Members Present (Remotely)

Abby Lorenzo, MPO Deputy Director
Rebekah Roth, New Hanover County Planning
Department
Denys Vielkanowitz, City of Wilmington,
Nick Cannon, MPO Go Coast Program
Jerry Haire, Town of Carolina Beach
Robert O'Quinn, Town of Wrightsville Beach
Mandy Sanders, Town of Kure Beach

Adrienne Harrington, Town of Belville
Ashli Barefoot, Town of Leland
Barnes Sutton, Town of Navassa
Patrick Flanagan, Cape Fear Council of Governments
Nazia Sarder, Transportation Planning Branch, NCDOT
Vanessa Lacer, Cape Fear Public Transportation
Authority

Others Present (Remotely)

Marty Little, New Hanover County Planning Department
Ed Parvin, Town of Carolina Beach
Joseph Lewis, HDR
Rachel McIntyre, MPO
Zachary Manfredi, MPO

1) Call to Order

Vice-Chair Rebekah Roth called the remote meeting to order at 10:01 a.m.

Pursuant to Section 4.31 of Senate Bill 704 (Session Law 2020-3), Deputy Director Lorenzo called the roll. A quorum was present, as follows:

Present: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Robert O'Quinn, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer.

Absent: Jerry Haire, Mandy Sanders, Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

2) Approval of the Agenda

Ms. Lacer made a motion to approve the agenda as presented. Ms. Barefoot seconded the motion and it carried unanimously by rollcall, as follows:

Ayes: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Robert O'Quinn, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer.

Nays: None. **Absent:** Jerry Haire, Mandy Sanders, Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

3) Presentations

a. 2020 Congestion Management Process Draft Report- Zach Manfredi, WMPO

Associate Transportation Planner Zachary Manfredi gave a presentation on the 2020 Congestion Management Process (CMP) Biennial Report. He noted that last month, the consultant, Kittelson & Associates, reported on the National Performance Management Research Data Set (NPMRDS) for this report. Since July, staff has met with regional stakeholders to receive feedback on proposed strategies for the report, which has been compiled and will be made available online.

Mr. Manfredi gave an overview of the regional measures and metrics for each of the goals and objectives that reflect those of the Cape Fear Moving Forward 2045 Metropolitan Transportation

Plan. He noted that 14 regional maps have been added to the report to help visualize the results. For example, the Volume/Capacity snapshot shows high traffic corridors of the Cape Fear Memorial Bridge, College Road, Market Street and Carolina Beach Road that connect residential areas to the centralized destinations of downtown, midtown and the university. Another snapshot indicates pedestrian sustainability areas in the MPO region.

Mr. Manfredi gave an overview of corridor scoring with seven measures contributing to travel time reliability, and five to multimodal considerations. He commented that most CMPs stop at the regional analysis and scoring level. However, this report continues the trend of the previous report to provide more in-depth information by including current projects and plans, and additional strategies. This report is a starting point for a true corridor analysis.

Mr. Manfredi explained the context of the CMP within the transportation planning process. He said that its development is guided by corridors and goals of the 30-plus-year Comprehensive Transportation Plan (CTP). He noted that analysis in the CMP can be used to identify additional strategies for inclusion in the 20-plus-year Metropolitan Transportation Plan (MTP) from which projects move to the 10-year MPO Transportation Improvement Plan (TIP). He added that the CMP supports the inclusion of projects in the MPO's TIP. Regarding the timeline of future CMPs, two more reports will be created before the adoption of the 2050 MTP, and an additional prioritization process will likely occur before the adoption of the State's TIP, which may be influenced by the CMP findings.

Mr. Manfredi said that two future considerations for the CMP include data sources and non-recurring congestion. He noted that as a data-driven document, staff strives to keep the CMP updated with the latest technology and analysis tools. The NPMRDS has significantly expanded the CMP data sets from tens of runs for travel time to thousands of runs. He added that data collection for transit, bicycle, and pedestrian would improve the report in the future.

Mr. Manfredi said that most CMPs focus on recurring congestion; although, traffic incidents, weather, tourism, and large special events contribute to traffic congestion. He anticipated that NPMRDS will play a large role in collecting this data.

Ms. Lorenzo stated that the draft report will be brought back to the TCC and the MPO Board in January for consideration.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes- September 16, 2020**
- b. Resolution adopting the 2021 Meeting Calendar**
- c. Resolution authorizing the Chairman to enter into an agreement between the City of Wilmington, Wilmington Urban Area Metropolitan Planning Organization and Cape Fear Public Transportation Authority for the FY 21 Section 5303 Funding**
- d. Resolution approving the 2020-2029 STIP/MPO TIP Amendment #20-4**
- e. Resolution approving the 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-6**
- f. Opening of the 30-day Public Comment Period for 2020-2029 STIP/MPO TIP Amendment #20-5**

Mr. Flanagan made a motion to approve the Consent Agenda, Items 4a through 4f, as presented, and to forward the items to the MPO Board for consideration. Mr. Cannon seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Jerry Haire, Robert O'Quinn, Mandy Sanders, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer. **Nays:** None. **Absent:** Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

5) **Regular Agenda**

a. **Resolution adopting Cape Fear Moving Forward 2045 and the 2045 Wilmington Regional Travel Demand Model**

Deputy Director Abby Lorenzo stated that in July after two and a half years of work on the Cape Fear Moving Forward 2045 Metropolitan Transportation Plan (MTP), the MPO Board adopted a resolution approving the final draft. She noted that the MPO is federally required to approve a resolution adopting the final plan by November 18, 2020 at the expiration of the 2040 plan. This resolution would also approve the 2045 Wilmington Regional Travel Demand Model.

Mr. Cannon made a motion to adopt Cape Fear Moving Forward 2045 and the 2045 Wilmington Regional Travel Demand Model, and to forward them to the MPO Board for consideration. Ms. Lacer seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Jerry Haire, Mandy Sanders, Robert O'Quinn, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer. **Nays:** None. **Absent:** Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

b. **Resolution adopting the Wilmington Rail Trail Master Plan**

Ms. Lorenzo gave a presentation on the Wilmington Rail Trail Master Plan. She stated that in January 2020, the MPO partnered with the Friends of the Wilmington Rail Trail for the development of a master plan for the rail corridor located in downtown Wilmington between 3rd Street and McRae Street. She noted that public engagement in the form of a two-day charette was prevented by the onset of the COVID-19 pandemic in March. After monitoring the situation, the core team devised an alternate strategy of holding virtual meetings with stakeholders (June and July) and engaging the public with a survey for three weeks. A press release was sent to the news media in September, and a YouTube video (https://youtu.be/MJD6j4h3_Zw) featuring City of Wilmington Mayor Bill Saffo, MPO Board member Charlie Rivenbark and Arts Council Executive Director Rhonda Bellamy was produced to generate awareness and feedback.

Ms. Lorenzo stated that 1,914 people participated in the survey generating more than 2,400 written comments. More than 90% of participants agreed that they would visit the trail if built. Three-quarters of respondents indicated they would use the trail for recreation and exercise, 14% for social/family gatherings, and 4% for commuting to work. The top-three benefits of the trail included a safer place to walk or bike, improved quality of life, and enhanced access to downtown/Northside neighborhoods. More than 1,000 comments expressed support for the inclusion of aesthetic and educational elements along the trail, especially those emphasizing the historic importance of the corridor.

Ms. Lorenzo stated that the Wilmington and Weldon Railroad was completed in 1840 and was the longest railroad segment in the world at one point. Passenger rail service ceased in downtown Wilmington in 1968 and the tracks were removed from the corridor when the then Atlantic Coast Railroad moved out of Wilmington. A feasibility study was completed in 2004 to identify interest in re-establishing passenger rail service downtown. She noted that the concept of a multi-use path

was included in the 2013 Wilmington/New Hanover County Greenway Plan. In 2017, the City sought to secure access to the railbed from NCDOT through legislation, as well as opportunities, such as the gulch initiative, to install a multi-use path in the corridor. In 2019, the Wilmington City Council tapped the Friends of the Wilmington Rail Trail organization to advance the rail trail. In turn, the Friends of the Wilmington Rail Trail reached out to partner with the MPO.

Ms. Lorenzo stated that the master plan outlines the goals of the plan, existing conditions of the corridor, linkage opportunities, area development potential, and recommendations for a three-phased implementation, alignment, access points, network safety enhancements, and future extension. Other recommendations include public art, and amenities. Next steps would involve preliminary engineering and design, securing funds, and exploring grant funding. Total construction costs are estimated at around \$5.4 million.

Ms. Lorenzo stated that the master plan will go to the MPO Board for consideration on November 18, to City Council on December 1, and to the Friends of the Wilmington Rail trail on December 9. She noted that the master plan is available online at www.wmpo.org/wilmington-rail-trail/.

Mr. Flanagan asked if staff has discussed with the NCDOT Rail Division the potential need for a barrier between the rail (tracks) and the multi-use path. Ms. Lorenzo commented that NCDOT Rail Division has been a wonderful partner in the development of the rail trail master plan.

In response to an inquiry by Mr. Cannon, Ms. Lorenzo stated that an at-grade access is proposed for both ends of the rail trail, and that ADA standards are proposed for ramp access at 5th Avenue, which is considered the mid-point of the rail trail.

Ms. Lacer inquired about law enforcement involvement. Ms. Lorenzo responded that the Wilmington Police Department was involved during the stakeholder interview process.

Following further consideration, Ms. Lacer made a motion to adopt the Wilmington Rail Trail Master Plan. Ms. Barefoot seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Jerry Haire, Mandy Sanders, Robert O'Quinn, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer. **Nays:** None. **Absent:** Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

6) **Discussion**

a. **2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-7**

Ms. Lorenzo stated that this item is included in the agenda packet. She gave a brief overview of the proposed modifications.

In response to an inquiry by Ms. Roth, Ms. Lorenzo stated that this item would go to the MPO Board for discussion and return to the TCC and the MPO Board for consideration.

b. **FY22 Budget Discussions**

Ms. Lorenzo stated that a memo has been included in the agenda packet regarding the fiscal year 2022 Unified Planning Work Program (UPWP). She noted that the first two items are related to an estimated half year of operating costs (\$15,000) associated with moving to a new office space in January 2022, plus a half year of salary and benefits (\$35,000) for an administrative assistant.

Other budget considerations include the 2050 Travel Demand Model (\$500,000) instrumental in forecasting travel patterns in the region, and the future of the Transportation Demand Management Program if grant funding were to end.

Ms. Lorenzo stated that staff is in the process of assessing the needs of member jurisdictions. She noted that the Town of Leland has expressed an interest in a transit study. She requested that planning needs be forwarded to her by December 11. She added that any increase in member dues are anticipated to be minimal.

7) **Updates**

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

Ms. Lorenzo noted that updates are included in the agenda packet.

8) **Announcements**

- a. **Bike/Pedestrian Committee Meeting – December 8th**
- b. **Next TCC meeting – January 13th**

9) **Adjournment**

There being no further business, the meeting was adjourned at 10:58 a.m. by rollcall as follows:

Ayes: Abby Lorenzo, Rebekah Roth, Denys Vielkanowitz, Nick Cannon, Mandy Sanders, Robert O'Quinn, Adrienne Harrington, Ashli Barefoot, Barnes Sutton, Patrick Flanagan, Nazia Sarder, and Vanessa Lacer. **Nays:** None. **Absent:** Jerry Haire, Granseur Dick, Stephanie Ayers, Helen Bunch, Sam Shore, and Caitlin Marks.

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

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

STIP/MPO TIP Amendment # 20-5
(November 2020)

* HB-9999	- STATEWIDE PROJECT	BRIDGE INSPECTION PROGRAM.	IMPLEMENTATIO
STATEWIDE		<u>PROJECT ADDED AT REQUEST OF STRUCTURES.</u>	FY 2021 - \$26,000,000 (Bg)
PROJ.CATEGORY		<u>MANAGEMENT UNIT. PROJECT WILL REPLACE B-9999.</u>	FY 2022 - \$26,000,000 (Bg)
STATEWIDE			FY 2023 - \$26,000,000 (Bg)
REGIONAL			FY 2024 - \$26,000,000 (Bg)
DIVISION			FY 2025 - \$26,000,000 (Bg)
			FY 2026 - \$26,000,000 (Bg)
			FY 2027 - \$26,000,000 (Bg)
			FY 2028 - \$26,000,000 (Bg)
			FY 2029 - \$26,000,000 (Bg)
			<u>\$234,000,000</u>

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

STIP/MPO TIP Amendment # 20-5
(November 2020)

* HO-0002C	- WILMINGTON URBAN AREA	US 74, I-95 IN LUMBERTON TO I-140 IN WILMINGTON.
BRUNSWICK	METROPOLITAN PLANNING ORGANIZATION	INSTALL BROADBAND.
COLUMBUS	- LUMBER RIVER RURAL PLANNING ORGANIZATION	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY. FEDERAL INFRA GRANT PROJECT.</u>
ROBESON	- CAPE FEAR RURAL PLANNING ORGANIZATION	
PROJ.CATEGORY		
STATEWIDE		

* HO-0002D	- WILMINGTON URBAN AREA	US 74, EASTERN END OF MONROE BYPASS TO I-140 IN
ANSON	METROPOLITAN PLANNING ORGANIZATION	WILMINGTON. VULNERABILITY ASSESSMENTS,
BRUNSWICK	- CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION	INSTALLATION OF FLOOD GAUGES, AND FLOOD MONITORING.
COLUMBUS	- ROCKY RIVER RURAL PLANNING ORGANIZATION	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY. FEDERAL INFRA GRANT PROJECT.</u>
RICHMOND		
ROBESON	- CAPE FEAR RURAL PLANNING ORGANIZATION	
SCOTLAND	- LUMBER RIVER RURAL PLANNING ORGANIZATION	
UNION		
PROJ.CATEGORY		
STATEWIDE		

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #20-5 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 Amendment #20-5; and

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

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 Amendment #20-5.

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

, Chair

Mike Kozlosky, Secretary

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

STIP/MPO TIP Modification # 20-7 (November 2020)

* AV-5795 NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WILMINGTON INTERNATIONAL (ILM), EXPAND THE GENERAL AVIATION APRON. <u>AT REQUEST OF DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 22 TO FY 29.</u>	CONSTRUCTION	FY 2029 - \$500,000 (T) FY 2029 - \$800,000 (O) \$1,300,000
* AV-5798 NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WILMINGTON INTERNATIONAL (ILM), TAXIWAY IMPROVEMENTS. <u>AT REQUEST OF DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 21 TO FY 28.</u>	CONSTRUCTION	FY 2028 - \$500,000 (T) FY 2028 - \$5,100,000 (O) \$5,600,000
EB-6027 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1403 (MIDDLE SOUND LOOP), CONSTRUCT MULTI- USE PATH SOUTH OF MARKET STREET FROM RED CEDAR ROAD TO EXISTING TRAIL AT CORNER OF MARKET STREET AND MIDDLE SOUND LOOP ROAD. <u>DESCRIPTION REVISED AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - \$500,000 (L) FY 2021 - \$1,000,000 (L) \$1,500,000
* U-5790 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 421 (CAROLINA BEACH ROAD), NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 22 TO 29 AND CONSTRUCTION FROM FY 24 TO POST YEAR.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2029 - \$2,263,000 (T) POST YR. \$2,262,000 (T) FY 2029 - \$183,000 (T) POST YR. \$16,700,000 (T) \$21,408,000

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

STIP/MPO TIP Modification # 20-7 (November 2020)

* U-6202 NEW HANOVER DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40: WIDEN ROADWAY.	BUILD NC ROW	FY 2022 - \$3,861,000 (T) FY 2023 - \$3,861,000 (T) FY 2024 - \$3,861,000 (T) FY 2025 - \$3,861,000 (T) FY 2026 - \$3,861,000 (T) FY 2027 - \$3,861,000 (T) FY 2028 - \$3,861,000 (T) FY 2029 - \$3,861,000 (T) POST YR- \$27,027,000 (T) FY 2022 - \$1,450,000 (T) FY 2023 - \$1,450,000 (T) FY 2022 - \$1,168,000 (T) FY 2023 - \$1,168,000 (T) FY 2024 - \$1,287,000 (T) FY 2025 - \$1,287,000 (T) FY 2026 - \$1,287,000 (T) FY 2027 - \$1,287,000 (T) FY 2028 - \$1,287,000 (T) FY 2029 - \$1,287,000 (T) POST YR- \$11,583,000 (T) FY 2024 - \$1,750,000 (T) FY 2025 - \$1,750,000 (T) \$85,956,000
		<u>BASED ON COORDINATION WITH MPO AND DIVISION AND THE DELAY OF U-5790. ACCELERATE RIGHT-OF- WAY FROM FY 25 TO FY 22 AND CONSTRUCTION FROM FY POST YEAR TO FY 24.</u>		
			RIGHT-OF-WAY	
			UTILITIES	
			BUILD NC CON	
			CONSTRUCTION	

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

STIP/MPO TIP Modification # 20-7 (November 2020)

EB-6027 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1403 (MIDDLE SOUND LOOP), CONSTRUCT MULTI- USE PATH SOUTH OF MARKET STREET FROM RED CEDAR ROAD TO EXISTING TRAIL AT CORNER OF MARKET STREET AND MIDDLE SOUND LOOP ROAD. <u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2022 -	\$500,000 (L) \$1,000,000 (L) \$1,500,000
EB-6028 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	WILMINGTON, CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET. <u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$100,000 (TADA) \$25,000 (L) \$125,000
EB-6029 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CLARENDON AVENUE, CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD). <u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 20 TO FY 21.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$516,000 (TADA) \$129,000 (L) \$645,000
U-5926 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NEW ROUTE, SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 20 TO FY 22.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2022 - FY 2022 -	\$225,000 (T) \$225,000 (L) \$2,436,000 (T) \$2,436,000 (L) \$5,322,000

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

**STIP/MPO TIP Modification # 20-7
(November 2020)**

U-6233	- WILMINGTON URBAN AREA						
NEW HANOVER	METROPOLITAN PLANNING						
PROJ.CATEGORY	ORGANIZATION						
DIVISION							
	CAROLINA BEACH, CONSTRUCT NEW TRAFFIC	ENGINEERING	FY 2020 -	\$2,000	(S)		
	SIGNAL AND IMPROVE PEDESTRIAN		FY 2020 -	\$6,000	(BGDA)		
	ACCOMMODATIONS AT THE INTERSECTION OF US	RIGHT-OF-WAY	FY 2021 -	\$10,000	(S)		
	421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE		FY 2021 -	\$40,000	(BGDA)		
	IN CAROLINA BEACH.	CONSTRUCTION	FY 2022 -	\$42,000	(S)		
	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-</u>						
	<u>WAY FROM FY 20 TO FY 21 AND CONSTRUCTION</u>						
	<u>FROM FY 21 TO FY 22.</u>		FY 2022 -	\$170,000	(BGDA)		
				\$270,000			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #20-7 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 #20-7.

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 #20-7.

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

, Chair

Mike Kozlosky, Secretary

Proposed Amendments to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #21-1 (January 2021)

STIP ADDITIONS

* TM-0024 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	AIM GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. THIS WILL ALLOW THE CITY TO EXPAND SERVICE AND HOURS	OPERATIONS	2021	\$250,000 (5312) \$63,000 (L) \$313,000
		<u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>			
* TO-0003 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	HUMAN TRAFFICKING AWARENESS AND PUBLIC SAFETY INITIATIVE DISCRETIONARY GRANT AWARDED BY FTA. GRANT WILL ALLOW FOR STATEWIDE TRAINING AND IMPLEMENTATION OF A TRAINING PROGRAM FOR TRANSIT EMPLOYEES ACROSS THE STATE ON HOW TO RECOGNIZE AND RESPOND TO THE SIGNS OF HUMAN TRAFFICKING. THE DEPARTMENT ALSO WILL DEVELOP HUMAN TRAFFICKING AWARENESS EDUCATIONAL MATERIALS TO BE POSTED ON TRANSIT VEHICLES AND STATIONS.	ADMINISTRATIVE	2021	\$90,000 (5312) \$30,000 (5307) \$120,000
		<u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>			
* TO-0004 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	SYSTEM SAFETY OVERSIGHT GRANT FOR NCDOT RAIL DIVISION.	ADMINISTRATIVE	2021	\$88,000 (S) \$352,000 (SSO) \$440,000
		<u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD FOR SYSTEM SAFETY OVERSIGHT.</u>			
* TU-0003 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	H.O.P.E GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. PLANNING AND DESIGN IN PREPARATION FOR ELECTRIC VEHICLE DEPLOYMENT.	PLANNING	2021	\$122,000 (5312) \$122,000
		<u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE CONGESTION MANAGEMENT PROCESS 2020 BIENNIAL REPORT

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

WHEREAS, on July 18, 2012 the Wilmington Urban Area Metropolitan Planning Organization was designated as a Transportation Management Area (TMA); and

WHEREAS, on December 4, 2015 President Obama signed the Fixing America's Surface Transportation (FAST) Act; and

WHEREAS, the development and adoption of a Congestion Management Process is required of all designated TMAs; and

WHEREAS, the Federal Highway Administration defines a Congestion Management Process as a regionally-accepted approach for managing congestion that provides up-to-date information on transportation system performance and assesses alternative strategies for congestion management that meet state and local needs; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization adopted the initial Congestion Management Process on December 11, 2013 and established performance measures for evaluating and monitoring system performance and serves as a baseline for congestion in the region; and

WHEREAS, following the adoption of the Congestion Management Process, the Wilmington Urban Area Metropolitan Planning Organization has prepared and adopted a report on a biennial basis in 2016 and 2018; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization recognized the need and opportunity to review and update the performance and system monitoring measures in order to align with the vision and goals Cape Fear Moving Forward 2045 Metropolitan Transportation Plan; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has collected the necessary data over the course of the past 2 years to evaluate and monitor system performance and evaluate the current congestion needs for the Wilmington Urban Area.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the Congestion Management Process 2020 Biennial Report.

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

, Chair

Mike Kozlosky, Secretary

Wilmington Urban Area Metropolitan Planning Organization
Draft 2021 Legislative Agenda

Corridor Preservation

The Wilmington Urban Area MPO requests the General Assembly identify techniques and continue support corridor protection that is vital implement projects in the state of North Carolina. The MPO requests the North Carolina General Assembly reinstate our previous protections included in the Map Act legislation and continue to indemnify, hold harmless, and defend the Wilmington Urban Area Metropolitan Planning Organization for the filing of the Transportation Corridor maps for the Hampstead Bypass (R-3300). The MPO also requests the North Carolina General Assembly and North Carolina Department of Transportation provide funding for advanced right-of-way acquisition for larger transportation projects.

Transportation Funding

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

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

Transportation Project Priorities

Due to NCDOT cash management issues, many projects across the state and in our region were delayed in the STIP/MPO TIP. The Wilmington Urban Area MPO supports the acceleration of the MPO's top priorities for projects currently funded in the adopted 2020-2029 State/MPO Transportation Improvement Programs. The Board's transportation priorities are as follows:

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

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

Opposition to Transfer of State Road Maintenance

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

Limitation on City Requirements for Street Improvements Related to Schools

Senate Bill 257 included language related to street improvements for schools. The Wilmington Urban Area MPO is concerned that on non-state maintained facilities where improvements

related to schools are needed, the funding burden has fallen on the municipalities or the level of service on the roadways will be compromised. The Wilmington Urban Area MPO encourages the General Assembly to review this language and seek solutions to address this funding concern.

Moped Legislation

The Wilmington Urban Area MPO supports the North Carolina Department of Transportation's policy recommendation of restricting mopeds on public roadways with posted speed limits of 45 mph or greater. The MPO also encourages the North Carolina General Assembly to implement laws that regulate the use of mopeds in a manner that promotes the safety and welfare of the citizens and visitors of North Carolina and pursue education and clarity on existing regulations for mopeds, golf carts, and low-speed vehicles.

Electric Scooter Legislation

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE 2021 LEGISLATIVE AGENDA

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2021 Legislative Agenda.

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

, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

HB-9999A DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM INSPECTIONS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T)	
				\$70,200,000		
HB-9999A REG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM INSPECTIONS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T) \$7,800,000 (T)	
				\$70,200,000		
HB-9999A SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM INSPECTIONS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T) \$10,400,000 (T)	
				\$93,600,000		

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

HB-9999B DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM STRUCTURE INVENTORY AND APPRAISAL. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T) \$600,000 (T)
					\$5,400,000
HB-9999C DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T)
					\$7,020,000
HB-9999C REG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 -	\$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T) \$780,000 (T)
					\$7,020,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

**STIP/MPO TIP Modification #21-1
(January 2021)**

HB-9999C SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATIO	FY 2021 - FY 2022 - FY 2023 - FY 2024 - FY 2025 - FY 2026 - FY 2027 - FY 2028 - FY 2029 - <u>\$9,360,000</u>	\$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T) \$1,040,000 (T)
* R-5966 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, FEDERAL TRIBAL TRANSPORTATION PROGRAM (FTTP), ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO TRIBAL LANDS. <u>FUNDING ADDED TO FY 21, FY 22, AND FY 23 AT THE DIRECTION OF FHWA.</u>	CONSTRUCTION	FY 2020 - FY 2021 - FY 2022 - FY 2023 - FY 2024 - <u>\$18,990,000</u>	\$2,090,000 (FTTP) \$10,532,000 (FTTP) \$3,540,000 (FTTP) \$2,340,000 (FTTP) \$488,000 (FTTP) \$18,990,000
* TI-6109 STATEWIDE PROJ.CATEGORY	- STATEWIDE PROJECT	STATEWIDE, 5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM FTA ADMINISTERED BY PTD BASED ON FY 21 GRANTS</u>	OPERATIONS	FY 2021 - <u>\$12,266,000</u>	(5311) \$12,266,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

* TC-0005 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFYING PROJECT TC-0005 TO IDENTIFY SOURCE AND AMOUNT OF LOACAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$417,000 (L) \$1,668,000 (5339) \$2,085,000
* TC-0006 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFYING PROJECT TC-0006 TO IDENTIFY SOURCE AND AMOUNT OF LOACAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$84,000 (L) \$335,000 (5339) \$419,000
* TC-0007 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR CONSTRUCTION PROJECT <u>MODIFYING PROJECT TC-0007 TO IDENTIFY SOURCE AND AMOUNT OF LOACAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CAPITAL	FY 2021 - FY 2021 -	\$297,000 (L) \$1,189,000 (5339) \$1,486,000
* TC-0008 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFYING PROJECT TC-0008 TO IDENTIFY SOURCE AND AMOUNT OF LOACAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CAPITAL	FY 2021 - FY 2021 -	\$1,000,000 (L) \$4,000,000 (5339) \$5,000,000
* TC-0010 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFYING PROJECT TC-0010 TO IDENTIFY SOURCE AND AMOUNT OF LOACAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$284,000 (L) \$1,135,000 (5339) \$1,419,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

* TC-0011 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFYING PROJECT TC-0011 TO IDENTIFY SOURCE AND AMOUNT OF LOCAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	CAPITAL	FY 2021 - \$598,000 (L) FY 2021 - \$2,391,000 (5339) \$2,989,000
* TC-0012 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT TO PURCHASE ELECTRIC BUSES AND CHARGING STATIONS. <u>MODIFYING PROJECT TC-0012 TO IDENTIFY SOURCE AND AMOUNT OF LOCAL FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT</u>	ACQUISITION	FY 2021 - \$223,000 (L) FY 2021 - \$894,000 (5339) \$1,117,000
* TC-0013 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, MOBILITY FROM ALL GRANT OPPORTUNITY FROM THE FTA.5310 DISCRETIONARY GRANT AWARDED BY FTA. <u>MODIFYING PROJECT TC-0013 TO STIP FY 2021. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. MOVING MATCH FUNDS FROM LOCAL TO STATE AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2021 - \$70,000 (S) FY 2021 - \$70,000 (L) FY 2021 - \$280,000 (5310) \$420,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

U-6202	- WILMINGTON URBAN AREA	SR 2048 (GORDON ROAD), US 17 (MARKET STREET)	BUILD NC ROW	FY 2022 -	\$858,000	(T)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	TO I-40. WIDEN ROADWAY.		FY 2023 -	\$858,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>			FY 2024 -	\$858,000	(T)
DIVISION				FY 2025 -	\$858,000	(T)
				FY 2026 -	\$858,000	(T)
				FY 2027 -	\$858,000	(T)
				FY 2028 -	\$858,000	(T)
				FY 2029 -	\$858,000	(T)
				POST YR-	\$6,006,000	(T)
			RIGHT-OF-WAY	FY 2022 -	\$2,309,000	(T)
				FY 2023 -	\$2,309,000	(T)
			UTILITIES	FY 2022 -	\$2,321,000	(T)
				FY 2023 -	\$2,322,000	(T)
			BUILD NC CON	FY 2024 -	\$1,287,000	(T)
				FY 2025 -	\$1,287,000	(T)
				FY 2026 -	\$1,287,000	(T)
				FY 2027 -	\$1,287,000	(T)
				FY 2028 -	\$1,287,000	(T)
				FY 2029 -	\$1,287,000	(T)
				POST YR-	\$11,583,000	(T)
			CONSTRUCTION	FY 2024 -	\$5,100,000	(T)
				FY 2025 -	\$5,100,000	(T)
					\$51,636,000	

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

* HS-2003A NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1217 (17TH STREET), INSTALL NEAR SIDE SIGNAL HEADS ON A PEDESTAL ON BOTH SIDES OF SR 1217 (17TH STREET) AT DOCK STREET IN WILMINGTON. <u>ADD PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY.</u>	CONSTRUCTION	FY 2021 -	\$34,000	(HSIP)
					\$34,000	
* R-5783 BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON PROJ.CATEGORY DIVISION	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION - JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION - WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - DOWN EAST RURAL PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION - EASTERN CAROLINA RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. <u>ADD FUNDING IN FY 21 AND FY 22 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2020 - FY 2020 - FY 2021 - FY 2021 - FY 2022 - FY 2022 -	\$100,000 \$400,000 \$200,000 \$800,000 \$200,000 \$800,000	(S) (TA) (S) (TA) (S) (TA)
					\$2,500,000	(TA)
U-6201 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2028 - FY 2028 - POST YR-	\$3,300,000 \$154,000 \$4,400,000	(T) (T) (T)
					\$7,854,000	

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #21-1 (January 2021)

* R-5783	- GRAND STRAND METROPOLITAN	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2020 -	\$100,000	(S)
BRUNSWICK	PLANNING ORGANIZATION	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2020 -	\$400,000	(TA)
DUPLIN	- JACKSONVILLE URBAN AREA	WITH DISABILITIES ACT (ADA) USING		FY 2021 -	\$200,000	(S)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2021 -	\$800,000	(TA)
ON SLOW	- WILMINGTON URBAN AREA	<u>ADD FUNDING IN FY 21 AND FY 22 NOT PREVIOUSLY</u>		FY 2022 -	\$200,000	(S)
PENDER	METROPOLITAN PLANNING ORGANIZATION	<u>PROGRAMMED.</u>		FY 2022 -	\$800,000	(TA)
SAMPSON	- DOWN EAST RURAL PLANNING					
PROJ.CATEGORY	ORGANIZATION				\$2,500,000	
DIVISION	- MID-CAROLINA RURAL PLANNING					
	ORGANIZATION					
	- EASTERN CAROLINA RURAL PLANNING					
	ORGANIZATION					
	- CAPE FEAR RURAL PLANNING					
	ORGANIZATION					

FY21 Budget - Current				
\$123,600 TDM Grant & \$110,000 STBGP Special Studies				
PL(104)	STBGP-DA	5303	TDM	MPO Totals
80 / 20	80 / 20	80 / 10 / 10	50 / 50	
Grant / Match Split	282,577	494,151	74,685	851,413
Fed Share	-	-	9,335	71,135
State Share	-	123,538	9,337	61,800
Local Share	70,644	-	61,800	265,319
Totals	353,221	617,689	93,357	1,187,867

FY22 Option A2				
\$100,000 TDM STBGP Funded & \$200,000 STBGP Special Studies				
PL(104)	STBGP-DA	5303	TDM	MPO Totals
80 / 20	80 / 20	80 / 10 / 10	50 / 50	
Grant / Match Split	371,202	671,692	74,685	1,117,579
Fed Share	-	-	9,335	9,335
State Share	-	167,923	9,337	-
Local Share	92,801	-	-	270,060
Totals	464,003	839,614	93,357	1,396,974

FY22 Option A2 Comparison	
FY21 Current	266,166 (61,800) 4,741
	209,107

FY2021 Local Members' Budget					
MOU % Allocation	PL(104)	STBGP-DA	5303	TDM	Member Total
	70,644	123,538	9,337	61,800	265,319
Wilmington	29,762	52,046	3,934	26,036	111,780
New Hanover	24,040	42,040	3,177	21,031	90,288
Pender	6,697	11,711	885	5,859	25,152
Leland	3,779	6,609	500	3,306	14,194
Brunswick	2,543	4,447	336	2,225	9,551
Carolina Beach	1,597	2,792	211	1,397	5,996
Wrightsville Beach	692	1,211	92	606	2,599
Kure Beach	565	988	75	494	2,123
Belville	544	951	72	476	2,043
Navassa	424	741	56	371	1,592
Totals	100.00%	70,644	123,538	9,338	61,801
					265,318

FY2022 Local Members' Budget - Option A2					
Local Match with % Allocation	PL(104)	STBGP-DA	5303	TDM	Member Total
	92,801	167,923	9,337	-	270,060
Wilmington	39,097	70,746	3,934	-	113,771
New Hanover	31,580	57,144	3,177	-	91,902
Pender	8,797	15,919	885	-	25,602
Leland	4,965	8,984	500	-	14,449
Brunswick	3,341	6,045	336	-	9,723
Carolina Beach	2,097	3,795	211	-	6,104
Wrightsville Beach	909	1,646	92	-	2,647
Kure Beach	742	1,343	75	-	2,161
Belville	715	1,293	72	-	2,080
Navassa	557	1,008	56	-	1,621
Totals	92,801	167,923	9,337	-	270,060

Option A2 Member Comparison	
FY21 Current	1,991 1,614 450 255 172 108 48 38 37 29
	4,741

Difference Between FY22 A2 & FY21			
Match :	DOT	State	Local
PL104	88,626	-	22,156
STBGP	177,541	-	44,385
5303	-	-	-
TDM	-	(61,800)	(61,800)
Total	266,166	(61,800)	4,741

	110,782
	221,926
	-
	(123,600)
	209,107

FY22 A2 Enhancements	
TDM moves into MPO / STBGP	123,600
Decrease TDM Operating	(23,600)
525 Six Month Operating	65,676
6 Month Admin Position	35,424
3% Merit & Operations Increase	41,607
Study +/- from FY21 \$110,000	90,000
Total Enhancement	332,707
80% DOT Portion	266,166
20% Local Portion	66,541

FY22 A2 Savings	
TDM moves into MPO / STBGP	(123,600)
Total Enhancement	(123,600)
80% DOT Portion	(61,800)
20% Local Portion	(61,800)

FY22 A2 Total Difference from FY21	
Enhancements & Savings	209,107
Total Enhancement & Savings	209,107
80% DOT Portion	204,366
20% Local Portion	4,741

December 29, 2020

Mike Kozlosky,
Executive Director
Wilmington Urban Area MPO
Email: mike.kozlosky@wilmingtonnc.gov

Dear Mr. Kozlosky,

This letter outlines the proposed scope for Fountainworks to support the Wilmington MPO in its strategic planning efforts.

The overall objectives of this work will be to work with the Wilmington MPO Board to develop strategic direction of the MPO's work over the next 5 years. This work will be informed by member input and will include conducting a survey of members, facilitating a retreat with the MPO Board.

Fountainworks is a North Carolina based consulting firm well known across the state for our work in transportation organizations and policy issues. We are proud to have worked with Wilmington MPO in the past and would be excited to engage in work with you in the future. Below you can find a brief scope of work and our proposed fees.

Approach

Survey of Members

Fountainworks will conduct a survey of the technical staff members to assess the MPO's overall effectiveness, as well as identify areas of strength and opportunities for improvement.

2 Virtual Strategic Planning Sessions

Fountainworks will conduct two virtual strategic planning sessions:

- **Session 1** – Fountainworks will facilitate a virtual meeting of the Board to discuss the strategic direction of the organization over the next 5 years. This will include focusing:
 - *Strategic Transportation Priorities* — What are our priorities for our transportation system in the next 5-10 years? (This will generate ideas at a higher, strategic level - not looking at specific projects)
 - *Operational Effectiveness* — How can we do our work more effectively to better serve our members? (This will focus on the process side of the MPO's operations)
- **Session 2** –Fountainworks will facilitate a following session meeting with the Board to review outputs from the first meeting and approve the strategic direction of the MPO.

Final Report

Following the conclusion of the retreats, Fountainworks will complete a report to recap all the information gathered during the project and any decisions made.

Fees

Our proposed fee is \$10,000.00. We assume all meetings will be held virtually and will not require travel or materials expenses.

Thank you again for your interest and I look forward to the opportunity to discuss this further with you.

Best regards,

A handwritten signature in blue ink, appearing to read "Warren Miller".

Warren Miller
Fountainworks

Fountainworks Project Team

Fountainworks was founded in 2003 and is a North Carolina corporation with offices in Raleigh, North Carolina.

Fountainworks is a facilitation and management consulting firm focused on helping public sector leaders and organizations amplify their impact. With expertise in organizational strategy, qualitative and quantitative research, and complex, multi-stakeholder initiatives, Fountainworks has worked with leading public and private sector organizations across the U.S. and Europe.

Warren Miller

Founder & President, Fountainworks

Warren has worked extensively with local, state, and federal government agencies, universities, and private sector organizations. Clients include: NC League of Municipalities, NC State University, Duke University, UNC Chapel Hill, University of Florida, City of Durham, City of Raleigh, NC Association of County Commissioners, NC Metro Mayors Coalition, Z. Smith Reynolds Foundation, U.S. Department of Homeland Security, Rockefeller Foundation, Procter and Gamble, Mars and N.C. Department of Transportation.

Warren has been an adjunct professor at the Sanford School of Public Policy at Duke University and a guest lecturer at the University of North Carolina at Chapel Hill's Master of Public Administration program.

He served as Policy Director to former North Carolina Governor Jim Hunt, where he helped manage the development and implementation of the Governor's policy agenda. He also served as the Governor's liaison to North Carolina's nonprofit community.

Graphic Facilitation

While our process of strategic planning and goal setting incorporates best practices and sets industry standards, the graphic facilitation techniques used by Fountainworks differentiates our process and yields benefits beyond the final product.

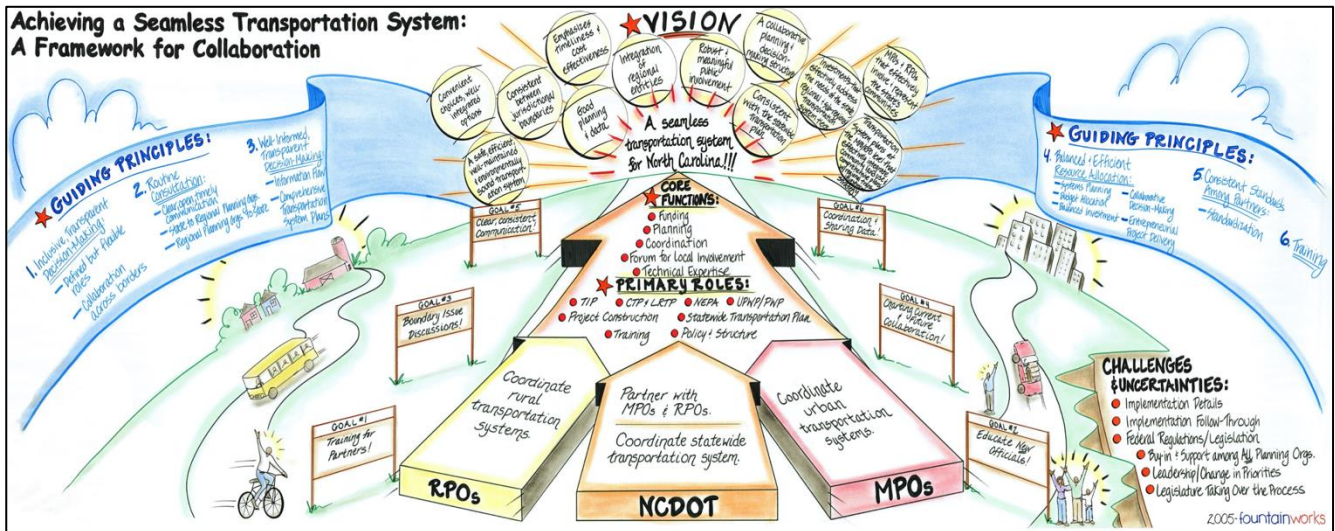
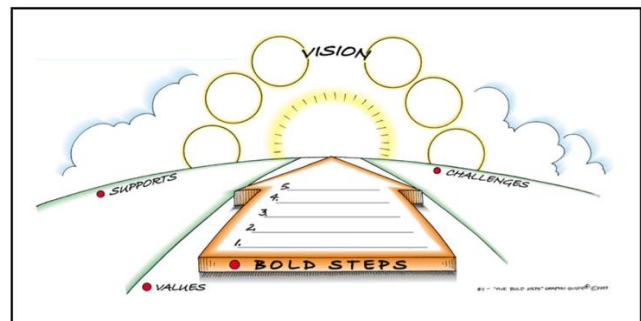
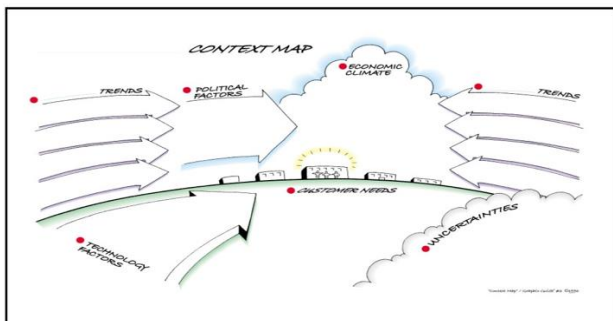
In short, we're visual people! Studies have found that the use of graphic language has the following benefits:

- ✓ Graphics promote lasting images and retention of ideas. People retain around 65% of what they see and only 15% of what they hear. The combination of visual and auditory learning increases retention to around 80%.
- ✓ The visual process helps organizations reach consensus more often than without graphic language. With no visual language, consensus was reached by 58% of group studies. With visual language, 79% of groups reached consensus.
- ✓ Visual maps of information aid in understanding complex system relationships and support the groups' ability to process large amount of information more quickly.
- ✓ Visual language can save valuable staff time and dollars, shortening meetings by as much as 24%.

Graphic methods are highly effective in supporting meetings and processes involving hundreds of participants or small group sessions. We consistently find that group participation increases and respondents are more deeply engaged when contributions are visually acknowledged. Groups are also more creative when they are supported with big-picture thinking, and achieve greater productivity when participants are able to literally *see* the process.

Mapping information on big displays is also a direct way to understand complex system relationships and the collective memory of the group. These visions, action plans, process relationships, histories, and other information can be distilled into large, “infographic” maps and murals that support knowledge sharing after meetings.

Below are some examples of visuals we have used in our strategic planning retreats:



**WILMINGTON URBAN AREA
MPO
January 2021**

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 5 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: 6 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Development Plan Reviews: 0 review
- Town of Navassa Formal Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 11 total (11 on-going): New Hanover County 3, City of Wilmington 1, Carolina Beach 0, Town of Leland 3, Town of Navassa 0, Pender County 3, and Brunswick County 1
- Pender County Development Plan Reviews: 1 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 34 reviews (4 new and 30 ongoing)
- City of Wilmington Informal Reviews: 19 reviews (5 new and 14 ongoing)
- City of Wilmington Concept Reviews: 1 review (1 new)
- COW Project Releases: 12 releases

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

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE

Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

Project Status and Next Steps:

- Complete review of final design package and submit to NCDOT for review– Summer 2021
- NCDOT final design approval and City to request Construction Funds Authorization – Summer 2021
- 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
- Construction in progress

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

Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue. The right of way certification was received November 2, 2016.

Project Status and Next Steps:

- Plans approved August 20, 2019
- Right-of-Way Certification was approved on June 7, 2020
- Bid documents were initially approved on 11/22/19. Bid documents are currently being reviewed again since the project was not advertised for bid within 6 months of the initial bid document approval.
- Utility/RR certification was dated February 26, 2020
- Begin Construction – Early 2021
- Complete Construction – Summer 2021

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

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

Project Status and Next Steps:

- Complete final design package and submit to NCDOT for review–Summer 2021
- Update/renew permits – Summer 2021
- NCDOT final design approval – Summer 2021
- 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:

- Complete final design package and submit to NCDOT for review–Summer 2021
- Update/renew permits –Summer 2021
- NCDOT final design approval –Summer 2021
- 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:

- Project was rebid a third time on December 3, 2020
- Simmons Public Utility Site Work, Inc. was the low bidder
- Contract awarded to Simmons on December 17

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:

- Project was rebid a third time on December 3, 2020
- Simmons Public Utility Site Work, Inc. was the low bidder
- Contract awarded to Simmons on December 17

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:

- Project was rebid a third time on December 3, 2020
- Simmons Public Utility Site Work, Inc. was the low bidder
- Contract awarded to Simmons on December 17

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:

- City waiting on NCDOT to review AECOM's Scope & Manday Estimate (Ron w/ NCDOT follow-up with Raleigh)
- Council Meeting to approve additional funding for project (02/02)
- NCDOT Plans to resurface from 17th Street to Shipyard Blvd (Summer 2021)
- The City needs to have a discussion from the 4SW200 committee/MPO about additional funding needed to design and build project.

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

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

Project Status and Next Steps:

- Project is ready for bidding and construction. Plans and PCE have been approved. The contract documents have been approved.
- Additional funding was approved by the MPO Board in May 2020
- A RFQ was advertised for CEI services and a firm was selected. The cost for services is being reviewed by NCDOT.
- Anticipated bidding in early 2021.

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

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

Project Status and Next Steps:

- The Town has received 65% comments from NCDOT
- Right Angle is working on 90% plans
- Right-of-way authorization is anticipated by June of 2021
- Construction Funding is anticipated in 2021

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

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

Project Status and Next Steps:

- The Town has entered into a contract with Withers & Ravenel
- Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20th

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:

- The consultant is finalizing their designs with anticipated completion in January 2021

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:

- U-6235 agreement between NCDOT and City of Wilmington executed March 2020.
- Cost sharing agreements with New Hanover County started June 2019 and completed March 2020.
- NCDOT Authorization for Preliminary Engineering received March 2020.
- Project goals reviewed with NCDOT Division 3.
- Interagency maintenance agreements and addendums are in development.
- An updated 90-day Design Proposal from Davenport received November 17, 2020.
- WMPO advised of pause in NCDOT funding availability.

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Construction survey underway

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

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

Project Status and Next Steps:

- The Town has entered into a contract with Withers & Ravenel
- A Kick-off meeting was held on November 6th
- A groundbreaking ceremony was held on November 20th

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:

- Approval from NCDOT for hydraulic design received 12/18/20
- Design completion next 60 days (delay from NCDOT approval)

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:

- Pre-Design scoping meeting with Davenport Engineering and NCDOT Division Personnel occurred on 2/20.
- Scope of design defined, but this scope was much larger than initially anticipated. Adjustment to PE Authorization will be needed.
- NCDOT Manday estimate for issuance of task order approved on 6/24/2020
- The project will be placed on indefinite hold until such time as NCDOT addresses the Cash Balance issue. All projects have been asked to get to a stopping place due to NCDOT's inability to pay for work.
- NCDOT recommended Change Request to increase funding, but cannot guarantee approval yet. Contract will not be released for execution until the additional funding is approved.

- Survey and Design for NCDOT review.

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

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

Project Status and Next Steps:

- The Town is evaluating the scope for the project.

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Project Status and Next Steps: Initiatives

1. Watch For Me NC
 - a. The City of Wilmington has partnered with NCDOT for 2020 Watch For Me NC bicycle and pedestrian safety program. Watch for Me NC task force comprised of WPD, WFD, Go Coast, Wilmington Engineering, and NHRMC are convening monthly
 - b. Due the inability of the police to hold in-person events. Watch for Me NC is being heavily marketed on social media and billboards throughout Wilmington. The NCDOT cancelled law enforcement trainings in response to COVID-19.
 - c. Go Coast collaborated with the City of Wilmington’s communications department to place Watch for Me NC images on digital billboards throughout town for a total of four weeks. Go Coast, the WMPO, and the City of Wilmington posted WFMNC messages on social media throughout October and November
2. The 2020 Go Coast Commuter Challenge was held October 16-30
 - a. A strong emphasis was placed on telecommuting this year
 - b. 90 participants reduced 5,661 vehicle miles, saved \$900 worth of fuel, and burned 5,900 calories from biking and walking
 - c. Lidl, Trader Joe’s, Ogden Taproom, Two Wheeler Dealer, and Whole Foods donate gift cards to be given away as prizes to the top participants
 - d. The Go Coast Committee and the WMPO Bike/Ped Committee will explore opportunities to re-brand and increase participation for future Commuter Challenge events
3. Wilmington was designated a Bronze Level Bicycle Friendly Community by the League of American Bicyclists (LAB) in April 2020
 - a. LAB has provided feedback about how to become more bicycle friendly.
 - b. A Bicycle Friendly Community Taskforce of CoW and WMPO staff is being assembled to

evaluate the feedback and make progress to become Silver by the next application in 2024.
This taskforce will begin meeting in early 2021

4. Short Range TDM Plan Change in Motion 2020

- a. a draft plan was approved by the Go Coast Committee in the November 2020 meeting.
- b. Public comment period took place from December 3, 2020 to January 3, 2021 and received over 50 comments
- c. Go Coast staff will review comments and provide recommended changes to the Go Coast Committee
- d. The Go Coast Committee will consider the approval of the final draft of the plan in the February meeting

5. Bike Share and Micromobility

Scooter Share

- a. The NC Legislature did not make any decisions concerning the operation of stand up electric scooters in the 2019-2020 session
- b. Current regulations of electric stand up scooters is left to municipalities

Bike Share

- a. After the termination of the Wilmington bike share agreement in January 2020, another bike share RFP was released which received one response. It the understanding of Go Coast staff that cost-free bike share programs are no longer an option for new programs
- a. Go Coast staff performed an analysis of bike share programs throughout the U.S. to provide general information on how municipalities fund bike share programs.

6. Ordinance Review

- a. By request of the WMPO Bike/Ped Committee, Go Coast is performing a review of member jurisdiction ordinances pertaining to alternative transportation amenities requirements in development

7. Next Go Coast meeting is February 18, 2021 at 3:00 and will take place virtually.



Cape Fear Public Transportation Authority

Project Update

January 2021

1. **Network Redesign** - On January 21, 2020, the City of Wilmington and New Hanover County each adopted a Concurrent Resolution of the Wilmington City Council and the Board of Commissioners of New Hanover County for Enhanced Public Transportation Operations and Efficiency. TransPro Consulting was retained by New Hanover County and the City of Wilmington to serve as consultant to the board during the evaluation process.

A network redesign proposal was developed by TransPro Consulting and presented to the Wave Transit board for consideration on July 23, 2020. The proposal was refined to include comments provided by Authority staff and the Wave Transit board. A revised proposal was presented to the Wave Transit board during the August 27, 2020 meeting. The framework for a revised transportation network outlined in the consultant's proposal was approved by the Wave Transit board on Thursday, October 22, 2020. A summary of the revised system network includes eight (8) fixed bus routes, from the current fourteen (14), increased service frequency for three (3) fixed bus routes, and a micro-transit service offering.

The implementation date of July 1, 2021 for the revised network has since been revised to August 18, 2021. Further information regarding the recommendations included in the proposal, opportunities for comment and a timeline of events will be released to the public in the coming weeks.

2. **Onboarding of New Executive Director** - Ms. Marie Parker, appointed by the Authority's Board of Directors in November 2020, was seated on Monday, December 7, 2020. Ms. Parker has over 14 years of senior level management experience in the public transportation industry and comes from GoRaleigh, the transit system responsible for operating majority of the public transportation services in Raleigh, North Carolina. We welcome Ms. Parker as part of the Wave Transit team.

Projects in Development						
Project Manager	Contract Ty	TIP	PO	Description	County	ROW Move Forward
SAP Let Date						
Central	Raleigh	15BPR.26	WMPO	New Hanover 48 on I-40 E and I-40 W/NE Substructure Repairs	New Hanover	1/18/2021
Central	Raleigh	B-5642	WMPO	Brunswick 65 on NC 87 over Hood Creek	Brunswick	Y
Central	Raleigh	15bpr.19	WMPO	New Hanover 21 on US 76 over Banks Channel	New Hanover	7/20/2021
Derek Pielech	DPOC	BP3.R004	WMPO	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayettevill Rd)	Brunswick	12/16/2021
Trace Howell	DDRL	R-3300B	WMPO/CFRPO	Hampstead Bypass	New Hanover/	1/18/2022
Derek Pielech	DPOC	17BP.3.R.84	WMPO	Brunswick 181	Brunswick	4/14/2022
Derek Pielech	DPOC	B-4590	WMPO	Replace Bridge 29 on Cornelius Harnett Dr/Castle Hayne Rd over Smith Creek	New Hanover	4/21/2022
Eric Murray	DPOC	U-5914	WMPO	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	6/2/2022
Krista Kimmel	DDRL	U-5926	WMPO	New Route from 23rd St to 26th St	New Hanover	6/21/2022
Rail Division	Rail	P-5740	WMPO	Wilmington Rail At-Grade Crossing Improvement	New Hanover	6/30/2022
Mike Bass	DPOC	U-5710A	WMPO	US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	New Hanover	7/1/2022
Eric Murray	DPOC	W-5601DH	WMPO	3rd St and Dock St Intersection	New Hanover	7/7/2022
TBD	DPOC	W-5703E	WMPO	US 117/NC 132 (College Rd) Between Randall Pkwy and	New Hanover	8/4/2022
TBD	DPOC	W-5703R	WMPO	NC 132 (South College Rd) and Braggs Drive turn lanes	New Hanover	9/15/2022
Eric Murray	DPOC	W-5703C	WMPO	Monkey Junction Pedestrian Improvements	New Hanover	11/17/2022
Brian Harding	DDRL	U-6202	WMPO	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	6/18/2024
Lydia	DPOC	I-6036	WMPO	I-140 - US 17 to North of US 74 pavement rehab	Brunswick	10/17/2024
Central	Raleigh	B-5653	WMPO	Pender 14 on NC 133 over Turkey Creek	Pender	1/21/2025
Lydia	DDRL	I-6039	WMPO	I-40 Pavement rehab from Milemarker 420 to NC 210	Pender	4/15/2025
Mike Bass	DDRL	U-5710	WMPO	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover	9/16/2025
Lydia	DDRL	I-6037	WMPO	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover	2/17/2026
Trace Howell	DDRL	U-5792	WMPO	MLK at College	New Hanover	6/16/2026
Trace Howell	DDRL	R-3300A	WMPO	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	Pender	9/15/2026
Brian Harding	DDRL	U-5954	WMPO	NC 133 at 23rd St Roundabout	New Hanover	6/15/2027
Brian Harding	DDRL	U-5731	WMPO	US 74 at US 17/US 421 Flyover	New Hanover	5/16/2028
Krista Kimmel	DDRL	U-4434	WMPO	Independence Boulevard Extension	New Hanover	6/20/2028

Project Manager Contract TyI			TIP	PO	Description	County	ROW Move Forward	SAP Let Date
Brian Harding	DDRL	U-5729	WMPO	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421		New Hanover		7/18/2028
Trace Howell	DDRL	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project		Pender		9/19/2028
Lydia	DPOC	I-6038	WMPO	I-140 from US 421 to US74/US76 pavement rehab		Brunswick, New Hanover		11/16/2028
Krista Kimmel	DDRL	U-3338C	WMPO	Kerr Ave Interchange at MLK		New Hanover		12/19/2028
Krista Kimmel	DDRL	U-4902B	WMPO	US 17 Bus - Market St Median - Railroad to MLK		New Hanover		12/19/2028
Krista Kimmel	DDRL	U-4902C	WMPO	US 17 Bus - Market St Median & Interchange		New Hanover		6/19/2029
Trace Howell	DDRL	U-5790	WMPO	Monkey Junction Interchange		New Hanover		PY
Brian Harding	DDRL	U-5863	WMPO	NC 133 - Castle Hayne Rd from I-140 to Division Dr		New Hanover		PY
Trace Howell	DDRL	U-5702A	WMPO	College Rd from New Centre to Shipyard		New Hanover		PY
Trace Howell	DDRL	U-5704	WMPO	US 17 (Oleander) at College		New Hanover		PY
None	DDRL	U-6199	WMPO	Wilmington Citywide Signal System Upgrade		New Hanover		PY
Krista Kimmel	DPOC	U-6201	WMPO	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr		New Hanover		PY
Brian Harding	DDRL	U-5734	WMPO	US 421 Front St Widening		New Hanover		PY
Trace Howell	DDRL	U-5881	WMPO	College Rd from Gordon Rd to New Centre		New Hanover		PY
Trace Howell	DDRL	U-5702B	WMPO	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd		New Hanover		PY
Brian Harding	DPOC	U-6128	WMPO	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts		New Hanover		PY
Jessi Leonard	CSF	W-5703P	WMPO	US 17 and Ploof Rd/Olde Waterford Way		Brunswick		TBD

PE Work Continuing

Date Completed:

1/5/2021

PO:

WMPO

Contact:

Caitlin Marks
910-341-2000

cmmarks@ncdot.gov

Projects Under Construction					
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion Percent Complete
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jul-20 100.00%
C204203	Alex Stewart	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21 94.26%
DC00268	TBD	I-5760A	New Hanover	I-140 from I-40 to US 421 Open Grated Friction Course	Jan-21 85.42%
DC00265	TBD	N/A	, Duplin, New Hanover, Pender Long Line Pavement Marking		Nov-21 78.78%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Apr-22 41.10%
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22 34.16%
DC00290	Dan Cumbo		New Hanover	I-40 at Exit 420 - GRP 2	Jul-21 46.37%

Resurfacing										
Contract Number	Contract Year	County	Resident	TIP	MPO/RPO	Map	Routes		Estimated Completion	Percent Complete
C204135	2018	/ Hanover/Brunsi	Lydia McKeel	N/A	WMPO	0	US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)		Jan-21	92.29%



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

January 2021

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

JANUARY TPD UPDATES WILMINGTON MPO

JANUARY 2021

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

Brunswick County Comprehensive Transportation Plan (CTP): We have officially started the Brunswick County CTP. The first meeting was on 10/27/2020 with our Core Steering Committee. The second meeting was held on 12/10/2020 and this was the first Steering Committee Meeting. The next meeting will be on 1/14/2021 where we will start working on our vision, goals and objectives.

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

NC Moves 2050: The last round of surveys closed on 11/9/2020. The team has made changes to the NC Moves 2050 plan based on comments received. The plan has been submitted to the governor's policy staff and they are awaiting that approval prior to going to the NCDOT Board of Transportation.

Strategic Transportation Corridors (STC): All MPOs and RPOs along US 74 have signed resolution letters in support of US 74 and US 321. The US 74 STC has been completed.

NCDOT Risk and Resiliency Strategy Report: This report is a requirement for all state agencies as a result of the 2020 NC Risk Assessment and Resilience Plan.

Contract Awarded to Improve Brunswick County Roads: A recently awarded contract will improve more than 30 miles of Brunswick County roads and ramps.

S.T. Wooten Corporation of Wilson was awarded a \$5.6 million contract in October to mill and resurface lanes and reconstruct shoulders on 33.6 miles of roadway within the county.

The areas of work include one section each of U.S. 17, U.S. 74/76 and N.C. 130 and 11 sections of secondary roads.

The contractor can begin construction as early as mid-March 2021, and it is expected to be complete by October 2022.

2021 Watch for ME NC Program: NC communities interested in participating in the 2021 Watch for Me NC Program safety program may not submit applications to the Governors Highway Safety Program. The nationally recognized program focuses on reducing bicycle and pedestrian injuries and fatalities through public education, community engagement partnerships with local law enforcement. The 2021 campaign is supported by the Governor's Highway Safety Program and the N.C. Department of Transportation's Integrated Mobility Division. Interested communities are encouraged to register for a webinar at 11am on January 8, 2021. Applications are due on February 1, 2021 and can be submitted online.