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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: November 9, 2022
SUBJECT: November 16th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee (TCC) will be held on Wednesday, November 16, 2022, at 10:00 am. This meeting will be held in the 4th Floor Technology Conference Room located at 305 Chestnut Street in downtown Wilmington. Members of the public, TCC Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. The meeting will be streamed live online so that simultaneous live audio, and video, if any, of the meeting is available at the following URL:

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

Simultaneous live audio of the meeting is also available via audio conference 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 in person or from your computer, tablet or smartphone.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Consent Agenda
 - a. Approval of TCC Meeting Minutes- October 12, 2022
 - b. Opening of the 30-day public comment period for 2020-2029 STIP/MPO Amendment #22-7
 - c. Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10
 - d. Resolution adopting the 2023 Meeting Schedule
 - e. Resolution supporting the endorsement of Safety Target Performance Measures for 2023
 - f. Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program
 - g. Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program

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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- 4) Regular Agenda
 - a. Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization's Transportation Improvement Program and requesting the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs
 - 5) Discussion
 - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11
 - b. Military Cutoff Road/Eastwood Road Interchange
 - c. 2022-2026 MPO Strategic Plan 2022 Accomplishments
 - 6) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
 - 7) Announcements
 - a. Direct Attributable (DA) Training- December 6th
 - b. Wilmington MPO Bike/Pedestrian Committee- December 13th
 - 8) Next meeting- January 11, 2023 (tentative)

Attachments:

- TCC Meeting Minutes- October 12, 2022
- Proposed 2020-2029 STIP/MPO Amendment #22-7
- Proposed 2020-2029 STIP/MPO Administrative Modification #22-10
- Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-10
- Proposed 2023 Meeting Schedule
- Resolution adopting the 2023 Meeting Schedule
- NCDOT Safety Performance Measures Memorandum
- Resolution supporting the endorsement of Safety Target Performance Measures for 2023
- Revised Draft 2024-2033 STIP Potential Project Swaps Memorandum
- Resolution supporting Roadway Project Swaps for the 2024-2033 State Transportation Improvement Program
- Resolution supporting an Aviation Project Swap for the 2024-2033 State Transportation Improvement Program
- Resolution from the Town of Carolina Beach
- Resolution supporting an amendment to the Wilmington Urban Area Metropolitan Planning Organization's Transportation Improvement Program and requesting the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-11
- Military Cutoff Road/Eastwood Road Interchange Memorandum
- 2022-2026 MPO Strategic Plan 2022 Accomplishments Matrix
- Wilmington Urban Area MPO Update (November)
- Cape Fear Public Transportation Authority Update (November)
- NCDOT Division Project Update (November)
- NCDOT Transportation Planning Division Project Update (November)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, October 12, 2022
Remote Meeting Minutes**

Members Present

Stephanie Ayers, NC State Ports Authority
Helen Bunch, Brunswick County
Adrienne Cox, NCDOT
Jeremy Hardison, Town of Carolina Beach
Adrienne Harrington, Town of Belville
Vanessa Lacer, Town of Leland
Rachel LaCoe, New Hanover County
Abby Lorenzo, WMPO
Marie Parker, Wave Transit
Nazia Sarder, NCDOT Transportation Planning
Denys Vielkanowitz, City of Wilmington
Carolyn Caggia, WMPO

Members Absent

Michelyn Alston, Town of Navassa
Granseur Dick, Wilmington International Airport
Patrick Flanagan, Cape Fear Council of Governments
Mike Kozlosky, WMPO
Travis Henley, Pender County
Robert O'Quinn, Town of Wrightsville Beach
Mandy Sanders, Town of Kure Beach

Others Present

Carolyn Caggia, WMPO
Karlene Ellis Vitalis, New Hanover County
Cheryl Hannah, HDR Engineering
Regina Hopkins, WMPO
David Hursey
Scott James, WMPO
Jamar Johnson, WMPO
Sean Kane
Bill Kincannon, HDR Engineering
Rachel McIntyre, WMPO
Amy Passaretti, Port City Daily
Seth Poole, Stantec
Greer Shivers, WMPO
Emma Stogner, WMPO

1) Call to Order

Vice Chair Nazia Sarder turned over the remote meeting to MPO Deputy Director Abby Lorenzo, who called the meeting to order at 10:00 a.m. She called the roll, and a quorum was present, as follows:

Present: Stephanie Ayers, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Absent:** Michelyn Alston, Helen Bunch, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

Ms. Lacer noted that she now represents the Town of Leland.

2) Approval of the Agenda

Ms. Harrington made a motion to approve the agenda as presented. Ms. Ayers seconded the motion and it carried unanimously by roll call, as follows:

Ayes: Stephanie Ayers, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

Absent: Michelyn Alston, Helen Bunch, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O’Quinn and Mandy Sanders.

3) **Presentations**

a. **Infrastructure Investment and Jobs Act Grant Opportunities, Emma Stogner- WMPO**

WMPO Associate Transportation Planner Emma Stogner gave an overview of the Infrastructure Investment and Jobs Act (IIJA) Grant Opportunities available to MPO:

Planning Grants

- Prioritization Process Pilot Program
- PROTECT Grants
- Reconnecting Communities
- Neighborhood Access and Equity Grant Program (Inflation Reduction Act)
- Railroad Crossing Elimination Program
- RAISE
- Safe Streets and Roads for All
- SMART

Project Grants (Implementation)

- Consent Agenda INFRA
- Bridge Investment Program
- Wildlife Crossing Pilot Program
- Charging and Fueling Infrastructure Grants
- Strategic Innovation for Revenue Collection
- ATTAIN
- Low-Carbon Transportation Materials Grants
- MEGA

Ms. Stogner said that other grants available to local governments, but not to the MPO, are also included in the presentation. Ms. Ayers asked for a copy of the presentation. Ms. Stogner responded that the presentation will be distributed to all members of the TCC.

4) **Consent Agenda**

- a. **Approval of TCC Meeting Minutes- September 14, 2022**
- b. **Resolution approving 2020-2029 STIP/MPO Amendments # 22-6**
- c. **Resolution approving 2020-2029 STIP/MPO Administrative Modification #22-9**
- d. **Resolution accepting donations for the 2022 Commuter Challenge**

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

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:**

Michelyn Alston, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

5) **Regular Agenda**

a. **Resolution approving Amendment #2 to the FY 23 Unified Planning Work Program**

Ms. Lorenzo said that Amendment #2 to the MPO's FY23 Unified Planning Work Program (UPWP) would add a special study for a MPO organizational analysis using existing funds in the budget. She noted that the organizational study will evaluate the MPO's current staffing structure and provide recommendations to handle any changes to the MPO area resulting from the 2020 Census.

Ms. Lorenzo estimated that the special study would cost approximately \$50,000. She noted that staff recommends reallocating \$8,000 in surplus balance from the Pender County Bicycle and Pedestrian Study, \$15,000 for the MTP Development Study to be postponed until FY24, and \$26,000 in savings from the management and operations line.

Ms. Cox made a motion to approve Amendment #2 to the FY23 UPWP. Ms. Parker seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

Absent: Michelyn Alston, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

b. **Resolution requesting the North Carolina Department of Transportation complete a Safety Feasibility Study on NC 210 in Pender County**

Ms. Lorenzo said that Pender County has requested a feasibility study for the NC 210 corridor between Hampstead and Rocky Point to study safety and capacity challenges impacted by population growth and the current construction of the Hampstead Bypass. She noted that the study will help determine the need for widening the NC 210 corridor and is supported by the MPO's current long-range transportation plan, Cape Fear Moving Forward 2045.

Ms. Lacer made a motion to request the feasibility study. Mr. Parker seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Adrienne Harrington, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None.

Absent: Michelyn Alston, Granseur Dick, Patrick Flanagan, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

c. **Resolution approving the award of FY 23 Direct Attributable Funds**

Transportation Planning Engineer Scott A. James expressed appreciation to those who responded to the call for projects by the deadline with complete applications. He said that six projects were reviewed and scored according to the new State Transportation Block Grant Program (STBGP) guidelines. He noted that for FY23, a new category, Carbon Reduction (CR), has been added with a \$492,634 allocation. He added that one project was recommended from CR funds and the rest were awarded from Direct Attributable (DA) funds. He announced the six recommended project awards as follows in descending order, from high score to lower score:

New Hanover County

Monkey Junction Pedestrian Improvements Project – Multi-use path (W – 5703C)	\$461,949
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Town of Leland

US 17 Pedestrian Crossing Safety Improvements	\$666,623
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City of Wilmington

South 3 rd Street and Ann Street Traffic Signal Installation	\$971,840
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Cape Fear Public Transportation Authority (WAVE)

Passenger Amenity Upgrades (installation of transit shelters and benches)	(CR) \$339,000
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Town of Wrightsville Beach

Causeway Drive Bicycles and Pedestrian Improvements	\$269,245
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NC Department of Transportation – Division 3 Traffic Services

South 3 rd Street and Orange Street Traffic Signal Installation	\$542,400
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Mr. James reminded committee members that the annual FY23 allocation is slightly more than \$5 million. He said that since the total amount awarded did not exceed the amount available, the balance of funds will remain in reserve.

Ms. Ayers made a motion to approve the award of FY23 DA funds. Mr. Lacer seconded the motion, and it carried unanimously by roll call as follows:

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Michelyn

Alston, Granseur Dick, Patrick Flanagan, Adrienne Harrington, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

In response to an inquiry by Ms. Lacer, Mr. James said that no additional call would be held and that the target dates for calls is typically in July of each year. He noted that the reserved funds will be available for previously approved projects based on past practices.

Ms. Cox expressed appreciation on behalf of NCDOT.

6) **Discussion**

a. **2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #22-10**

Ms. Lorenzo said that this item is for information purposes only.

b. **Revised Draft 2024-2033 State Transportation Improvement Program**

Ms. Lorenzo said that a memo has been included in the agenda packet outlining potential project swap scenarios identified by the MPO and NCDOT Division 3. Based on conversations with Division 3 and the State Transportation Improvement Program (STIP) unit, a revised memorandum with two potential swap scenarios was distributed to members last night, as follows:

Scenario A	Scenario B
Swap in: U-5734, US-421/South Front Street Widening Project between Burnett Boulevard and the Cape Fear Memorial Bridge U-6128, Greenville Loop Road and Greenville Avenue at Oleander Drive intersection Improvements Swap to PE only: U-5732, Conversion of US-17 in Hampstead to a Superstreet from Washington Acres Road to Vista Lane Swap out/remove:	Swap in: U-5734, US-421/South Front Street Widening between Burnett Boulevard and the Cape Fear Memorial Bridge U-6128, Intersection Improvements at Greenville Loop Road and Greenville Avenue Accelerate by one year: U-3300 Hampstead Bypass Section A, construction to FY26 Swap to PE only: U-5732, Conversion of US-17 in Hampstead to a Superstreet Delay by two years: U-3338C, Interchange at Kerr Avenue and Martin Luther King Jr. Parkway, let date to FY 28

U-4902B, Access Management Improvements on US-17 Business/ Market Street	Swap out: U-4902B, Access Management Improvements on US-17 Business/Market Street
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Ms. Lorenzo said that Wilmington International Airport has also proposed to swap in Runway Rehabilitation Project (AV-5885) and swap out Runway Extension 6-24 Phase 1 (AV-5730). She added that staff requests feedback from TCC members on the proposed swap scenarios, which will be forwarded to the MPO Board at the end of the month for discussion.

Ms. Cox expressed appreciation and added that Mr. Kimes would like to review the timing of MLK and College Road Interchange Project to avoid conflicts in project management. She noted that dates would be added to the swap table. In response to an inquiry by Ms. Ayers, Ms. Cox responded that no conflict is anticipated, and advised that discussion regarding the swap scenarios continue.

Ms. Lacer expressed appreciation for the compromise on U-5732 in Pender County and for keeping it in the STIP. She noted that Pender County plans to invest in sidewalks for this portion of US 17.

c. 2050 Metropolitan Transportation Plan

Ms. Lorenzo said that staff is recommending some process improvements for the 2050 Metropolitan Transportation Plan (MTP). She noted that after the development of the 2045 Plan, staff discussed the development structure and researched the development processes of the other MPOs in the state of North Carolina.

Ms. Lorenzo said that staff intends to kick-off development efforts for the 2050 MTP in the spring of 2023. Prior to the launch, staff will create a branding package, and formulate public outreach and committee schedules. She reminded committee members that the MTP must be adopted within five years of the current plan, which was adopted on November 18, 2020. Therefore, November 18, 2025, is the absolute deadline for adoption of the 2050 Plan.

Ms. Lorenzo said that staff proposes to change the role of the Citizens Advisory Committee (CAC) to advise and assist with public outreach activities throughout the development of the plan. Staff also proposes to establish a MTP Committee to guide and direct the development of the plan and work closely with MPO staff. The proposed MTP Committee would consist of a modal subject matter expert, local planning partners, members of the Environmental Justice (EJ) community as well as representatives from the CAC and the Bicycle and Pedestrian Advisory Committee (BPAC). It would

also incorporate new voices into the development process, possibly from the public health sector. Additionally, instead of having individual modal subcommittees, staff proposes to use the MTP Committee to develop a modal criteria matrix from the plan's overarching vision and goals, rather than from separate modal goals and objectives.

Ms. Lorenzo explained that these changes will simplify the process and utilize the MPO's existing BPAC to identify priority areas in the region for the MTP Committee. For the next cycle, she noted that staff envisions holding numerous regional stakeholder meetings, which were not part of the 2045 MTP process. She commented that subject specific stakeholder meetings will help ensure that the MPO is hearing from every sector in the community and will feed into the overall public outreach results presented to the MTP Committee working through the modal elements. Additionally, staff intends to meet with each of the member jurisdictions' TCC member, BPAC member, CAC member and MPO Board member to discuss the results from public outreach to get a better understanding of project priorities and align the plan with them for better support in the region.

Ms. Lorenzo said that modal deliverables will be similar to the 2045 Plan's with project recommendations and policy recommendations. However, staff proposes to endorse the airport's layout plan to avoid duplication of efforts, since it is the only airport in the region. Staff also recommends referring to the bicycle and pedestrian element as active transportation. And as mentioned earlier, staff would work with BPAC to narrow down priority areas in the region and have meetings with each member jurisdiction to better understand the type of projects needed in those areas. Additionally, instead of having a freight/rail component and passenger rail component under public transportation, staff proposes to include passenger rail in the rail element, and truck freight in the roadway element.

Ms. Lorenzo said that the final recommendation is to include the Comprehensive Transportation Plan (CTP) update as an appendix to the document. She noted that during the 2045 MTP process, hundreds upon hundreds of needs were identified, and more than a thousand projects were identified in the bicycle and pedestrian element. To avoid plan fatigue in the region, and to recognize the hard work that goes into the MTP in identifying all projects, whether fiscally constrained or not, as being regionally significant, staff proposes that the CTP be an appendix of the MTP. She added that the proposed changes will be presented to the MPO Board at the end of the month.

Ms. Lacer expressed support for the proposed changes, particularly unified goals and visions, which would create a stronger plan.

7) Updates

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

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

8) Announcements

- a. Wilmington MPO Bike/Pedestrian Committee- December 13th
- b. Commuter Challenge- October 14th-30th

Ms. Lorenzo announced that the 2022 Commuter Challenge will kick off on Friday at Wave's Fall Festival. She encouraged members to participate.

- c. Next TCC meeting- November 16th

Ms. Lorenzo acknowledged that the MPO is now fully staffed. She introduced Associate Transportation Planner Carolyn Caggia, who will be assisting with the Transportation Demand Management (TDM) Program. Ms. Caggia, who relocated from Raleigh, expressed appreciation, and gave a brief overview of her prior experience at UNC-Chapel Hill and NC State University.

9) Adjournment

There being no further business, Ms. Cox made a motion to adjourn the meeting, seconded by Ms. Bunch, and meeting was adjourned at 11:03 a.m. by roll call as follows:

Ayes: Stephanie Ayers, Helen Bunch, Adrienne Cox, Jeremy Hardison, Vanessa Lacer, Rachel LaCoe, Abby Lorenzo, Marie Parker, Nazia Sarder and Denys Vielkanowitz. **Nays:** None. **Absent:** Michelyn Alston, Granseur Dick, Patrick Flanagan, Adrienne Harrington, Mike Kozlosky, Travis Henley, Robert O'Quinn and Mandy Sanders.

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

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-7 (October 2022)

STATEWIDE PROJECT

STIP ADDITIONS			
HO-0010B STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE TRAFFIC OPERATIONS, IMPLEMENT STATEWIDE TRAFFIC OPERATIONS ACTIVITIES SUCH AS TRAFFIC MANAGEMENT CENTERS, TRAVELER INFORMATION, INTELLIGENT TRANSPORTATION SYSTEMS (ITS), AND TRAFFIC INCIDENT AND EVENT MANAGEMENT ACROSS THE ENTIRE STATE. <u>ADD PROJECT AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	IMPLEMENTATION FY 2024 - \$4,000,000 (CRPANY) FY 2024 - \$1,000,000 (S(M)) FY 2025 - \$4,000,000 (CRPANY) FY 2025 - \$1,000,000 (S(M)) \$10,000,000
* HV-0001 STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, CONSTRUCTION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT ALONG NORTH CAROLINA'S ALTERNATIVE CORRIDORS <u>ADD NEW NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI) PROGRAM PROJECT.</u>	ENGINEERING FY 2023 - \$500,000 (NEVI) \$500,000
* M-0555DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES FY 2023 - \$105,000 (T) FY 2024 - \$105,000 (T) FY 2025 - \$105,000 (T) FY 2026 - \$105,000 (T) FY 2027 - \$105,000 (T) FY 2028 - \$105,000 (T) FY 2029 - \$105,000 (T) AFTER FY 2029 - \$630,000 (T) \$1,365,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-7 (October 2022)

STATEWIDE PROJECT

STIP ADDITIONS			
* M-0555REG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES
		FY 2023 -	\$105,000 (T)
		FY 2024 -	\$105,000 (T)
		FY 2025 -	\$105,000 (T)
		FY 2026 -	\$105,000 (T)
		FY 2027 -	\$105,000 (T)
		FY 2028 -	\$105,000 (T)
		FY 2029 -	\$105,000 (T)
		AFTER FY 2029 -	\$630,000 (T)
			\$1,365,000
* M-0555SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS, UTILITY ENCROACHMENT AND ADMINISTRATIVE ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE TECHNICAL SERVICES DIVISION.</u>	UTILITIES
		FY 2023 -	\$140,000 (T)
		FY 2024 -	\$140,000 (T)
		FY 2025 -	\$140,000 (T)
		FY 2026 -	\$140,000 (T)
		FY 2027 -	\$140,000 (T)
		FY 2028 -	\$140,000 (T)
		FY 2029 -	\$140,000 (T)
		AFTER FY 2029 -	\$840,000 (T)
			\$1,820,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #22-7
(October 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP DELETIONS			
TC-0020 NEW HANOVER PROJECT CATEGORY PUBLIC TRANS	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NCDOT, 5339 SMALL URBAN DELETE PROJECT AT THE REQUEST OF THE MPO.	PLANNING CAPITAL
		FY 2022 -	\$273,000 (STBG)
		FY 2022 -	\$219,000 (S)
		FY 2022 -	\$219,000 (L)
		FY 2022 -	\$1,747,000 (5339)
		FY 2023 -	\$60,000 (S)
		FY 2023 -	\$60,000 (L)
		FY 2023 -	\$479,000 (5339)
			\$3,057,000

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-10 (September 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	RICE HOPE MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - FY 2023 -	\$134,000 \$33,000	(BGDA) (L)
					\$167,000	
EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BELVILLE ELEMENTARY MULTI-USE PATH, MULTI-USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - FY 2023 -	\$94,000 \$24,000	(TADA) (L)
					\$118,000	
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 MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY. DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - FY 2023 -	\$100,000 \$25,000	(TADA) (L)
					\$125,000	
P-5740A BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CSX SE LINE, TIE AND RAIL REHABILITATION, CURVE REALIGNMENT, AND UPGRADE RAIL BRIDGES. <u>TO ALLOW ADDITIONAL TIME FOR RAILROAD COORDINATION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - FY 2023 - FY 2024 -	\$15,522,000 \$5,514,000 \$5,514,000	(DP) (T) (T)
					\$26,550,000	

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-10 (September 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* R-5783 BRUNSWICK DUPLIN NEW HANOVER ON SLOW PENDER SAMPSON PROJ.CATEGORY DIVISION	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION - WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION - EASTERN CAROLINA RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING METROPOLITAN TRANSPORTATION ALTERNATIVES (TA) FUNDS. <u>ADD FUNDING IN FY 23 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$200,000 (S) \$800,000 (TA) \$200,000 (S) \$800,000 (TA)
U-6233 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.		RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$8,000 (S) \$32,000 (BGDA) \$51,000 (S) \$205,000 (BGDA)
		<u>TO MATCH THE SCHEDULE PROVIDED BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>			\$296,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #22-10 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 #22-10.

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 #22-10.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary



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

MEMORANDUM

TO: TCC/Board members

FROM: Mike Kozlosky, Executive Director

DATE: November 9, 2022

SUBJECT: Wilmington Urban Area MPO Proposed 2023 Meeting Schedule

Technical Coordinating Committee	Board
January 11	January 25
February 8	February 22
March 15	March 29
April 12	April 26
May 17	May 31
June 14	June 28
July 12	July 26
August 16	August 30
September 13	September 27
October 11	October 25
November 15	November 29
December –no meeting scheduled	December –no meeting scheduled

The TCC meetings will begin at 10 am on the date of the meetings.

The Board meetings will begin at 3 pm on the date of the meetings.

Wilmington Urban Area Metropolitan Planning Organization

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ADOPTING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION'S 2023 MEETING CALENDAR**

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board adopts the meeting calendar on an annual basis.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2023 meeting calendar.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

DATE: September 28, 2022

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

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

SUBJECT: Safety Performance Measures – FHWA Assessment and 2023 Targets

DocuSigned by:
Brian K Mayhew
EA0525CE2812491...

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 \(SHSP\)](#) 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

Earlier this year, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2020 safety targets, based on the 5-year averages for 2016-2020 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.

Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2020

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2016 - 2020	2016 - 2020	2014 - 2018			
Fatalities (5 Year Average)	1,227.8	1,458.6	1,392.2	No	No	No
Fatality Rate (5 Year Average)	1.084	1.250	1.206	No	No	
Serious Injuries (5 Year Average)	2,812.8	4,410.2	3,362.4	No	No	
Serious Injury Rate (5 Year Average)	2.462	3.776	2.884	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	426.6	583.0	491.0	No	No	

Table 2 below shows what this determination would look like if the state's methodology for establishing the CY 2020 goal 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 2020

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2016 - 2020	2016 - 2020	2014 - 2018			
Fatalities (5 Year Average)	24.9	30.8	28.6	No	No	No
Fatality Rate (5 Year Average)	0.993	1.163	1.115	No	No	
Serious Injuries (5 Year Average)	56.0	79.6	67.2	No	No	
Serious Injury Rate (5 Year Average)	2.209	3.020	2.589	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	16.6	19.6	20.0	No	Yes	

2023 State Safety Performance Targets

2023 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 this [link](#).

Table 3: North Carolina Calendar Year 2023 Safety Performance Targets

Performance Measure	CY 2023
Number of Fatalities	1,202.2
Rate of Fatalities	1.011
Number of Serious Injuries	3,423.0
Rate of Serious Injuries	2.863
Number of Non-Motorized Fatalities & Serious Injuries	468.2

2023 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 this [link](#).

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	61.2	2.544	18.6
2013 - 2017	28.4	1.144	64.4	2.582	20.0
2014 - 2018	28.6	1.115	67.2	2.589	20.0
2015 - 2019	30.8	1.152	75.8	2.837	21.6
2016 - 2020	30.8	1.163	79.6	3.020	19.6
2017 - 2021	32.8	1.237	85.4	3.235	20.8
2023 Target*	24.3	0.905	63.4	2.356	17.1

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 Division just as you have in previous years. An adoption resolution template can be found at this [link](#).

Finally, a new NCDOT Traffic Safety website has been established to communicate safety information to the public. A few direct links that may be of specific interest to MPOs can be found below:

- Main NCDOT Traffic Safety Unit website: [link](#)
- Mapped safety data: [link](#)
 - Here you can find a variety of spatial datasets related to traffic safety, including: fatal and serious injury crashes, pedestrian and bicycle crashes, safety projects (completed, funded, and those competing for funding), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Safe Streets for All Grant (SS4A) Program: [link](#)
 - Here you will find North Carolina specific information related to the SS4A grant program. It is expected that the content of this site will expand over time.

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

BKM\bgm

cc: Jamal Alavi, PE, CPM
Daryl Vreeland, AICP
George Hoops, PE
Shawn Troy, PE
Brian Murphy, 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 2023**

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 31st; 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 31st, 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 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 19.57 percent from 1,494.8 (2017-2021 average) to 1,202.2 (2019-2023 average) by December 31, 2023.
2. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 20.95 percent from 1.279 (2017-2021 average) to 1.011 (2019-2023 average) by December 31, 2023.
3. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 30.19 percent from 4,903.4 (2017-2021 average) to 3,423.0 (2019-2023 average) by December 31, 2023.

4. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 31.75 percent from 4.195 (2017-2021 average) to 2.863 (2019-2023 average) by December 31, 2023.
5. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 26.52 percent from 637.2 (2017-2021 average) to 468.2 (2019-2023 average) by December 31, 2023.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary



305 Chestnut Street
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MEMORANDUM

TO: TCC Members

FROM: Mike Kozlosky, Executive Director

DATE: November 7, 2022

SUBJECT: Revised Draft 2024-2033 STIP Potential Project Swap Scenarios

The North Carolina Department of Transportation (NCDOT) released the initial draft 2024-2033 State Transportation Improvement Program (STIP) on April 25, 2022. The North Carolina General Assembly included a transfer of sales tax revenue in the budget signed on July 11, 2022. As a result, the Department re-examined their revenue projections and based on an updated revenue forecast released a revised draft 2024-2033 STIP on August 4, 2022.

The 2024-2033 STIP development process allows for project swaps as long as these swaps meet certain criteria. The swaps must be agreed upon by both NCDOT and MPO/RPO(s) and the cost of project(s) swapped in must be within 10% of cost of project(s) being swapped out. All project swaps must be completed no later than March 17, 2023. The Department will then release a revised Draft 2024-2033 STIP with formal adoption in Spring/Summer 2023.

Roadway Project Swap Scenarios

MPO staff has reviewed the highway projects included in the revised draft STIP and identified the following potential project swap scenarios described below and detailed in the attached tables:

Scenario A

Swap in: South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

Swap to PE ONLY: US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

Swap out: Market Street Access Management (U-4902B).

Scenario B

Swap in: South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

Accelerate: Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

Swap to PE ONLY: US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

Delay: Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

Swap out: Market Street Access Management (U-4902B).

Aviation Project Swap Request

The North Carolina Department of Transportation's Aviation Division along with support from Wilmington International Airport have requested that the runway rehabilitation (AV-5885) be swapped in for runway extension 6-24 Phase 1 (AV-5730). Please see the details outlined in the below table:

STIP #	Project Name	Description	Project Cost	Funding Tier	Prioritization Round	Score*
<u>AV-5885</u>	<u>ILM</u>	<u>Rehabilitate Runway</u>	<u>\$7.5 mil</u>	<u>Statewide Mobility</u>	<u>P5.0 (Not Committed)</u>	<u>87.48</u>
<i>AV-5730</i>	<i>ILM</i>	<i>Extend Runway 6-24 Ph. 1</i>	<i>\$5.0 mil</i>	<i>Statewide Mobility</i>	<i>P3.0</i>	<i>46.15</i>

Key: Green = Swap IN; *Red* = Swap OUT

Both MPO and NCDOT Division staff support the request to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730).

Conclusion

MPO staff presented the potential project swaps to the MPO Board at their October meeting. The consensus of the Board was to support the roadway project swaps outlined in Scenario B. Resolutions supporting the Roadway and Aviation projects are included in the TCC packet for consideration.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE ROADWAY PROJECT SWAPS FOR THE 2024-2033 STATE
TRANSPORTATION IMPROVEMENT 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 North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

WHEREAS, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

WHEREAS, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

WHEREAS, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

WHEREAS, all project swaps must be agreed upon no later than March 17, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has reviewed the revised draft 2024-2033 STIP and desires to complete roadway project swaps.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the following roadway project swaps for the 2024-2033 State Transportation Improvement Program:

Swap in: South Front Street Widening (U-5734), Greenville Loop/Greenville Avenue/Oleander Drive (U-6128).

Accelerate: Hampstead Bypass Section A (3300-A) CON from FY 2027 to FY 2026.

Swap to PE ONLY: US 17 convert to superstreet (U-5732) to allow for the completion of the Hampstead Bypass prior to construction beginning on the access management improvements.

Delay: Interchange at MLK and Kerr Ave (U-3338C) CON from FY 2026 to FY 2028.

Swap out: Market Street Access Management (U-4902B).

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING AN AVIATION PROJECT SWAP FOR THE 2024-2033 STATE
TRANSPORTATION IMPROVEMENT 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 North Carolina Department of Transportation (NCDOT) released the Draft 2024-2033 State Transportation Improvement Program in April 2022; and

WHEREAS, the North Carolina General Assembly provided a transfer of sales tax revenue in the budget signed in July 2022; and

WHEREAS, based on this new revenue, NCDOT completed updated revenue projections and released a revised draft 2024-2033 STIP in August 2022; and

WHEREAS, the process that the Department is using for the development of the 2024-2033 STIP allows for project swaps so long as projects meet certain criteria and are approved by both the MPO and NCDOT Division; and

WHEREAS, all project swaps must be agreed upon no later than March 17, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and NCDOT Division 3 received a request from NCDOT's Aviation Division to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730); and

WHEREAS, Wilmington International Airport and NCDOT Division 3 support the NCDOT Aviation Division's request.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports to swap in the runway rehabilitation (AV-5885) and swap out the runway extension 6-24 Phase 1 (AV-5730) in the 2024-2033 State Transportation Improvement Program.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Resolution



Town of Carolina Beach
Town Council

RESOLUTION NO. 22-2272

A Resolution to cancel the Agreement ID # 8644 with NC Department of Transportation (NC DOT) for a multi-use path on Clarendon Avenue

WHEREAS, on June 24, 2019 an agreement was signed between the NC DOT and the Town of Carolina Beach to fund a multi-use path on Clarendon Avenue.

WHEREAS, the agreement was based on recommendations from the Town's long range plan bicycle and pedestrian plans along with grants applied for by the Town Staff; and

WHEREAS, None of the \$545,000 grant funds have been requested from NC DOT due to continued local concerns with the project;

WHEREAS, on September 19, 2022 the Town's Bike and Pedestrian Committee recommended against moving forward with a bike/pedestrian project on Clarendon Avenue.

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Carolina Beach, North Carolina:

The Town no longer wishes to move forward with this project and requests that it be removed from the State Transportation Improvement Program (STIP).

Adopted this 25th day of October 2022.

Albert L. Barbee, Mayor

Kimberlee Ward, Town Clerk



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING AN AMENDMENT TO THE WILMINGTON URBAN
AREA METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION
IMPROVEMENT PROGRAM AND REQUESTING THE NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION REMOVE CLARENDON AVENUE MULTI-
USE PATH (EB-6029) FROM THE 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, on February 27, 2019, the Town of Carolina Beach was awarded Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) funding from the Wilmington Urban Area Metropolitan Planning Organization for the Clarendon Avenue Multi-use Path project; and

WHEREAS, the State/MPO Transportation Improvement Program was amended to include the Clarendon Avenue Multi-use Path (EB-6029); and

WHEREAS, on October 25, 2022, the Town of Carolina Beach requested that the State/MPO Transportation Improvement Programs be amended to remove this project.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports an amendment to the Wilmington Urban Area MPO's Transportation Improvement Program and requests the North Carolina Department of Transportation remove the Clarendon Avenue Multi-use Path (EB-6029) from the State/MPO Transportation Improvement Programs.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification #22-11
(October 2022)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
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STIP MODIFICATIONS				
TC-0021	-	WILMINGTON URBAN AREA	NC DOT, 5339 STATEWIDE RURAL	CAPITAL
NEW HANOVER		METROPOLITAN PLANNING ORGANIZATION	<i>MODIFY FUNDING IN FY 22 AT THE REQUEST OF THE MPO.</i>	
PROJ CATEGORY				
PUBLIC TRANS				
			FY 2023 -	\$210,000 (S)
			FY 2023 -	\$210,000 (L)
			FY 2023 -	\$1,684,000 (5339)
				<u>\$2,104,000</u>



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www.wmpo.org

MEMORANDUM

TO: TCC Members

FROM: Mike Kozlosky, Executive Director

DATE: November 7, 2022

SUBJECT: Military Cutoff Road/Eastwood Road Interchange

At the October MPO Board meeting, it was requested by the Board that MPO staff evaluate and bring back options for delaying the interchange at Military Cutoff Road/Eastwood Road as a potential project swap. The Drysdale Drive Extension (U-5710A) is currently under construction with completion anticipated by the end of 2023. The Military Cutoff Road/Eastwood Road interchange (U-5710) is programmed in the revised draft 2024-2033 State Transportation Improvement Program for Right of Way in FY 2023 and Construction in FY 2025.

MPO and NCDOT staffs have reviewed this request and identified the following potential project swap:

U-5710 (Military Cutoff Road/Eastwood Road interchange): Move from Right of Way in 2023 and Construction in 2025 to Funded for Preliminary Engineering (PE) only. This would require the project to recompete in Prioritization 7.0.

U-5704 (College Road and Oleander Drive): Move from Funded for PE only to Right of Way in 2024 and Construction in 2026.

The Military Cutoff Road/Eastwood Road interchange is funded in the amount of \$66.4 million and College Road/Oleander Drive intersection improvements are funded in the amount of \$37.7 million. Both projects are funded in the statewide tier. If the project swap is approved, the remaining \$28.7 million would be used to rebalance the STIP.

Focus Area	Action Steps	Participants	Timeline	Accomplishments
Focus Area: Improve Safety				
	Adopt Safety Performance Measures and track the measure to determine performance	MPO, NCDOT	Annually/December 22	Will adopt FY 23 targets in November and dashboard was completed in October
	Implement Traffic Separation Study	NCDOT	Begin April 22	NCDOT continues to develop the design for these improvements. MPO has provided design comments. NCDOT to start construction Spring 2023
	Support members desires to apply for Vision Zero and Safe Streets for All People	MPO, MPO members	On-going/December 22	Town of Leland applied for FY 22 grant and if awarded the MPO will assist the Town in this effort. MPO to apply for FY 23 SS4A grant
Focus Area: Multi-modal Focus				
	Support the completion of the Wilmington Multi-modal Transportation Center Phase 1B	MPO, City, NCDOT	August-23	Construction was delayed and began in August and anticipated to be complete in July 2023. The Board has been updated on the status and updates are included in MPO monthly update.
	Encourage and provide funding for walking, biking, public transportation and ferry system through the MPO's Direct Attributable Program (Update the DA Program scoring criteria)	MPO	October-22	MPO updated DA scoring criteria. DA funds were awarded based on the updated scoring criteria in October
Focus Area: Regionally Focused				
	Educate WMPO members on the services and programs provided by the MPO (complete the MPO's Direct Attributable Funding Training)	MPO, MPO members	November-22	Training on DA program will be held in December.
	Work collaboratively with our members (complete the Navassa Bike/Ped Plan, Navassa Collector Street Plan, and Kure Beach Bike/Ped Plan and develop Pender Bike/Ped Plan and start 2050 Plan)	MPO, Kure Beach, Navassa, and Pender	On-going/December 22	Completed the Navassa Collector Street Plan and Kure Beach Bicycle and Pedestrian Plan. Developing Walk Wilmington Pedestrian Plan Update along with Pender Bike/Pedestrian Plan. Updates are contained within the MPO's monthly updates.2050 MTP plan in development with proposed changes presented to the Board in October.
Focus Area: Economic Development				
	Support the NC State Ports Authority in their efforts to expand and enhance operations (Support Ports grant opportunities and work to further the new North Gate, South Front Street, Rail re-alignment, US 74 upgrades to Wilmington and Cape Fear Memorial Bridge upgrade)	WMPO, NCSPA	Ongoing/December 22	MPO Board supported the NC Ports RAISE, INFRA, and PID grants for new intermodal facility. Discussions/Efforts to advance South Front Street Widening and replacement of the Cape Fear Memorial Bridge.
Focus Area: More Organized, Vocal and Cohesive Voice				
	Develop and adopt a Legislative Agenda	WMPO	March-22	2022 Legislative Agenda Approved
Focus Area: Organizational and Operational Effectiveness				
	Enhance the use of Technology to improve operations	WMPO	On-going/December 22	Implemented work from home/flexible work schedule for MPO staff
	Complete the Compensation Study	WMPO	March-22	Compensation Study Completed
	Continue Regular Updates from transportation leaders	WMPO, ILM, NCSPA, WAVE, NCDOT, etc.	On-going/December 22	Regular Updates provided to the Board from August to November by MPO partners

**WILMINGTON URBAN AREA
MPO
November 2022**

WALK WILMINGTON COMPREHENSIVE PEDESTRIAN PLAN UPDATE

Project Description/Scope: The City of Wilmington, in recognizing the desire of its citizens for a more walkable, livable community, applied for and received an NCDOT Planning Grant in 2021 to update the 2009 Walk Wilmington Comprehensive Pedestrian Plan. A Steering Committee, comprised of local stakeholders, citizens, and city staff, has been assembled to work with the consultant, Alta, to guide the development of the plan's update. The Steering Committee held its first meeting on Monday, March 28th. During the meeting, Steering Committee members discussed their visions for the future of walking in the City; reviewed the successes of the current plan and opportunities to build upon; and began identification of where improvements will be most critical in the future. Alta completed a draft existing conditions analysis and an infrastructure safety analysis. The infrastructure safety analysis was presented to and discussed by the Steering Committee during its May 26th meeting, as well as a strategy for public engagement. A comprehensive public engagement period that includes both a survey and input map application began June 15 and continued through mid-August. Ongoing during the outreach process were several in-person survey opportunities targeted to gather input from traditionally underserved communities. Just over 1,000 survey responses were received and used by Alta as a framework to guide the development of project and policy recommendations. The Walk Wilmington Steering Committee reviewed the draft priority areas identified through this framework during its September 27th meeting. Alta is actively incorporating the Committee's comments and finalizing the draft plan.

Project Status and Next Steps:

- Draft plan anticipated for release to City staff and Steering Committee in early November 2022.
- Draft plan public comment period to be held December 2022 – January 2023
- Final plan presentation to City Council in February or March 2023

PENDER COUNTY BICYCLE AND PEDESTRIAN PLAN

Project Description/Scope: Pender County, in collaboration with the WMPO and consultant WSP, seeks to develop a comprehensive Bicycle and Pedestrian Plan to direct multimodal development within the southern portion of the County. The final plan will be used to prioritize bicycle and pedestrian infrastructure implementation that will improve mobility, increase safety, and strengthen the connectivity for multimodal transportation options in southern Pender County. The notice to proceed was issued in late September 2022.

Project Status and Next Steps:

- Consultant has begun work on existing conditions and assessment of the bicycle and pedestrian network
- Public engagement Phase 1 is anticipated to begin in November 2022
- Plan completion by June 2023

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: 13 reviews
- New Hanover County Informal Plan Reviews: 3 reviews

- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 2 reviews
- Town of Leland Formal Reviews: 8 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Plan Reviews: 0 review
- Town of Navassa Informal Reviews: 0 review
- 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: 3 reviews
- Town of Carolina Beach Concept Reviews: 0 review
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 3 reviews
- Pender County Informal Reviews: 1 review
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 64 reviews (10 new, 54 on-going)
- City of Wilmington Informal Reviews: 18 reviews (4 new, 14 on-going) –
- City of Wilmington Concept Reviews: 1 review(s) (1 new, 0 on-going)
- City of Wilmington Full Releases: 2
- TIA Reviews: 35 total active (25 under review; 3 approved; 7 new)
 - New Hanover County 8 (1 new, 7 under review, 0 approved),
 - City of Wilmington 11, (2 new, 9 under review, 0 approved),
 - Carolina Beach 0,
 - Town of Belville 0,
 - Town of Leland 6, (3 new, 2 under review, 1 approved),
 - Town of Navassa 1, (1 approved),
 - Pender County 7 (1 new, 5 under review, 1 approved) and
 - Brunswick County 2, (0 new, 2 under review)

STBGP-DA/TASA-DA/CRRSAA
FY2013 to Present

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:

- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid – June 2023
- Begin Construction – October 2023
- Construction Complete- July 2024

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 was substantially completed in January 2022.
- Official ribbon cutting occurred on January 25, 2022.
- Project closeout is underway.
- Complete Project Closeout – Fall 2022

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

Project Descriptions/Scope: The project consists 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:

- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid –June 2023
- Begin Construction –October 2023
- Construction Complete- July 2024

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

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

Project Status and Next Steps:

- NCDOT approval of final design elements and right-of-way authorization obtained June 10, 2022
- Advertise for Bid –June 2023
- Begin Construction –October 2023
- Construction Complete- July 2024

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

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

Project Status and Next Steps:

- Construction commenced February 8, 2021
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

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

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

Project Status and Next Steps:

- Construction commenced February 8, 2021

- Project on hold pending resolution of contracting issues with the consultant
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

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
- On hold pending negotiation of pay items and scheduling with the Contractor
- Town of Leland is working with the Contractor's Surety
- Final completion date to be determined
- Project completion extended to June 30, 2023
- Town signed the Agreements and NCDOT to fully execute

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:

- Final Approval on PS&E from NCDOT February 28, 2022
- Bid advertised on March 3, 2022, with May 3, 2022, opening date, pre-bid meeting held on March 5, 2022
- One bid submitted on May 3, 2022.
- Re-Bid opening on May 10, 2022, only received one bid. Staff did not recommend award due to budget constraints.
- Submitted a Resolution to Council to Reject Bids approved by City Council on June 21st
- Submitted Change Request for CON Auth on October 13th
- Submitted required Environmental Consultation & NCDOT submitted the Construction Auth/funding request on October 25th
- Construction Funding/Auth Pending FHWA approval
- Readvertise with EB-6028 in Winter 2022

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

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

Project Status and Next Steps:

- Right Angle provided the 90% plans
- 90% plans and contract documents have been submitted to NCDOT
- CE Document has been approved

- Right-of-way authorization approved
- The consultant is proceeding with the right-of-way acquisition.
- Proposed property valuations have been submitted and have been approved by NCDOT.
- Letters to property owners have been mailed to initiate the acquisition process.
- Construction fund authorization request will occur next federal fiscal year

U-6233 CAROLINA BEACH HAMLET AVENUE/ US 421 TRAFFIC SIGNAL

Project Description/Scope: installation of traffic signal with pedestrian infrastructure at the intersection of Hamlet Avenue and US 421 in the Town of Carolina Beach

- The signal plans have been finalized.
- The construction WBS was amended in October by the Board of Transportation
- Tentative construction starts in mid-year 2023

U-6234 MULTI-MODAL PHASE 1 B

Project Description/Scope: Rehabilitation of the historic structure located at 525 N 4th Street for MPO offices.

Project Status and Next Steps:

- Paragon Building Corp awarded bid and signed the contract
- Project design team working thru submittals and proposed construction schedule
- Contractor submitted a revised construction schedule and has mobilized on site
- September 12, 2022, building permit issued
- Right of Way permit requests are in review
- Ongoing demolition of site, cleaning of the exterior walls, and investigation of stabilization of the brick

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 and execution is complete.
- Design kick-off meeting held July 23, 2021, with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
- Design started in October 2021 is expected to last through February 2023.

U-6039 – CAROLINA BEACH – ST. JOESPH 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
- Agreement executed with NCDOT on August 18, 2021
- Design discussions held with Kimley-Horn & Associates (KHA) on August 31, 2021
- Public meeting held on March 24, 2022, to present three (3) design alternatives for bike path on St. Joseph
- KHA presented to Town's Bike & Pedestrian Committee summary of comments on April 18, 2022

- KHA scheduled to present at Town Council regularly scheduled meeting on May 10, 2022
- Town Council approved Option 3 on May 10, 2022, as presented by KHA
- On May 25, 2022, project managers submit RFLOI to NCDOT requalified engineering firms with a response deadline of June 8, 2022
- Responses to RFLOI under review by WMPO/Town of Carolina Beach
- On July 12, 2022, the Town of Carolina Beach selected KHA as the design firm
- On September 22, 2022, The Town received a Letter of Agreement from Kimley Horne for Scope of Services and Project Engineer Design Estimate.
- Phone conference held on September 28, 2022, to go over the proposed submittal.
- The Town has uploaded documentation via EBS portal for review and approval.

TASA-DA/CRRSAA/STIP

BL-0045 – DOWNTOWN GREENWAY PH. 1 DESIGN

Project Description/Scope: design and engineering for an approximately 2.2 mile long, 10' to 12' in width portion of the trail beginning at 3rd street in the Downtown within the NCDOT owned rail corridor to McRae St (defined in the Wilmington Rail Trail Master Plan); abutting the Dorothy B. Johnson Elementary School western parcel line; traversing east along CSX right-of-way to Archie Blue Park; and continuing north through Archie Blue Park, parallel to the creek and terminating at the Love Grove Bridge multi-use path facility.

Project Status and Next Steps:

- Agreement executed by NCDOT on April 20, 2022
- City has selected an on-call engineering consultant (WSP) to perform design and engineering. A scope and fee have been agreed upon and approved by NCDOT.
- Award of contract by City Council on September 6, 2022, City Council Meeting.
- Notice to proceed issued on October 2, 2022.
- WSP is completing aerial survey processing (from previously collected data) and beginning initial design.
- WSP is coordinating meetings with critical stakeholders.
- 25% plans due by November 24, 2022
- Public involvement planned for January 2023.

BL – 0059 TOWN OF KURE BEACH - FORT FISHER BOULEVARD/K AVENUE AND NORTH 3RD STREET PEDESTRIAN SAFETY IMPROVEMENTS

Project Description/Scope: This project entails intersection improvements at Ft. Fisher Boulevard and K Avenue to include high visibility crosswalks, ADA ramps, and pedestrian signals; and filling gaps in the sidewalk network on Ft. Fisher Boulevard and N. 3rd Street that will create a pedestrian network connected to the Ft. Fisher Boulevard and K Avenue intersection.

Project Status and Next Steps:

- Agreement finalized and adopted August 2022
- Request for PE Authorization in September 2022
- Request for Letters of Interest to be sent in September 2022
- PE firm selection anticipated December 2022

EB-5600 – S. 17TH STREET MULTI-USE PATH

Project Description/Scope: This project consists of the construction of a 10' multiuse path along South 17th Street from Harbour Drive to Shipyard Boulevard and the installation of crosswalks and pedestrian signal heads at the intersection of South 17th Street and Shipyard Boulevard.

Project Status and Next Steps:

- Agreement executed with NCDOT on May 24, 2022
- Scope and Fee submitted to NCDOT on September 16, 2022
- Change Request for PE Authorization submitted to NCDOT on September 21, 2022, awaiting authorization
- Request to use RS&H (COW On-Call) approved by NCDOT on October 10, 2022
- NCDOT approved the scope and fee on November 2, 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:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

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:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI RFLOI responses currently under review
- Additional funding approved by WMPO on September 28, 2022
- CEI contract award in October 2022
- Construction authorization November 2022
- Construction let date December 2022

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

- Comments received from CFPWA indicate conflicts with utilities that will require design adjustments
- Right of way acquisition continuing (2 remaining, dependent on water/sewer changes needed)
- NCDOT issued notice of Construction Authorization on April 12, 2022.
- Level A SUE completed, and results have been reviewed.
- SEPI to begin supplemental utility design based on SUE results. Anticipate 90 days for design completion.

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:

- NCDOT has approved the 100% project plans
- Preparation of bid documents is underway
- Project approved by NCDOT on September 30, 2022
- Project to be bid with U-5534Q (College Rd @ Holly Tree Pedestrian Crossing).

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:

- Town Council has requested to cancel this project.
- NCDOT to process request with WMPO concurrence.

HL – 0040 NC PORTS WILMINGTON – NEW NORTH GATE FEASIBILITY STUDY

Project Description/Scope: This project is a feasibility study, early design and NEPA work to determine the high-level alternatives and costs associated with a new North Gate on NC Port of Wilmington property to allow for efficient freight access to and from the General Terminal.

Project Status and Next Steps:

- Advertisement for on-call consultants, August 14, 2020
- Selection and signed contract with HDR on October 29, 2020
- Kickoff meeting on site with NCSPA on March 10, 2022
- NCSPA/WTRY call on April 5, 2022
- Draft scoping letter to Port on April 5, 2022
- Traffic counts completed April 12, 2022
- Scoping Letter to Agencies on April 18, 2022
- Draft design assumptions & Typical Sections submitted on June 3, 2022
- Draft Limited Environmental Records Review (LERR) submitted on July 5, 2022
- Revised typical sections submitted on July 7, 2022
- Natural Resources Technical Report (NRTR) on August 8, 2022
- Revised Limited Environmental Records Review (LERR) submitted August 15, 2022
- Begun 15% roadway, traffic, and hydraulics design

TC – 0021 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description/Scope: Cape Fear Public Transportation Authority (WAVE transit) currently has a total of 440 bus stops, 24 benches and 27 shelters. Shelters only represent 6% of our passenger amenities, while other NC agencies average 14%. To meet the peer average for statewide systems, CFPTA needs to install an additional twenty-six (26) benches and twenty (20) shelters. This project will support the installation of a total of nine (9) bus stop benches and ten (10) bus stop shelters along eight (8) transit routes located within the City of Wilmington. The project includes engineering and design, construction of concrete pads, ADA ramps, ADA access, and purchase and installation of durable bench and/or shelter, waste receptacle, and solar lighting, where applicable.

Project Status and Next Steps:

- The project was awarded funds in November 2021
- This project pending flex funding approval and notification.

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. 2022 Commuter Challenge

This year's Commuter Challenge took place from October 14th to October 30th. The Commuter Challenge encourages residents of the WMPO region to utilize alternative modes of transportation. Prizes are awarded to the highest-performing participants. This year we had 20 participants who collectively reduced Vehicle Miles Traveled by 5,000 miles, saved \$753 on gas, and walked/biked for 938 miles.

2. New Hanover County's ¼ Cent Sales Tax for Transit

Go Coast is utilizing its social media presence to educate the public about New Hanover County's ¼ cent sales tax for transit referendum that will be on the ballot for all county residents to decide on in November 2022.

3. Go Coast Meeting

The next Go Coast meeting will occur on November 17, 2022, at 3 PM.



Cape Fear Public Transportation Authority

November 2022 Project Updates

FIXED ROUTE SERVICE

Wave Transit fixed route service ridership is up 6.2% in the fiscal first quarter compared to prior year. Ridership on regular service is up 6.6% and the UNCW shuttle service is up 4.7%. October is the ninth consecutive month of positive year over year increased ridership.

RIDEMICRO MICROTRANSIT SERVICE

Wilmington's Regional microtransit service, RideMICRO, continues to perform well. Zone 4 – New Hanover County North accounts for approximately 44% of RideMICRO ridership for current FY23, followed by Zone 3 – South New Hanover County at 29%.

FY22 Ridership:

1,999

FY23 Ridership:

Q1 – 3,898

PARATRANSIT SERVICE

Total paratransit ridership has increased in first quarter. Total trips are up 13.5%.

CAPITAL PROJECTS

A Passenger Amenities Improvement Plan is currently under development to prioritize passenger amenity improvements and additions at our highest use stops, stops that are at points of interest, and stops with the highest wait times. There are currently three projects underway to improve passenger amenities, including a newly STBGP awarded grant approved by the WMPO board on October 26th. Total installations for all projects will include 26 shelters and 19 benches over the next 12-24 months.

NOVEMBER WMPO PROJECTS IN DEVELOPMENT					
Project Manager	Contract Type	TIP	Description	County	SAP LET Date
Derek Pielech	DPOC	BP3-R004	Brunswick 181 over Sturgeon Creek on SR 1437 (Old Fayetteville Road) (Previously 17BP.3.R.84)	Brunswick	1/26/2023
Derek Pielech	DPOC	BP3-R012 & 17BP.3.R.93	Replace Bridge 208 over Sturgeon Creek on SR 1472 (Village Road) in Brunswick County	Brunswick	7/3/2025
Derek Pielech	Raleigh	BR-0008	Replace Bridge 7 on US 17 over US 76	Brunswick	9/21/2027
Lydia	DPOC	I-6036	I-140 - US 17 to North of US 74 pavement rehab	Brunswick	9/19/2023
Lydia	DPOC	I-6038	I-140 from US 421 to US74/76. Pavement Rehabilitation	Brunswick	11/16/2028
Eric Murray	DPOC	U-5914	Widen NC 133 from US 17/74/76 to Old River Road	Brunswick	11/3/2022
Lydia	DPOC	I-6037	I-140 From US 421 to I-40. Pavment & Bridge Rehabilitation	New Hanover	2/15/2028
Rail Division	Rail	P-5740A	Wilmington Rail Rehabilitation, Curve Realignment and Upgrade Rail Bridges	New Hanover	12/1/2022
Rail Division	Rail	P-5740B	CSX SE Line Improvements to Hwy Grade Xings, Close & Impove Various Exisit. At-Grade Crossings	New Hanover	6/27/2023
Rail Division	Rail	P-5740C	CSX SE Line Installation of Railroad Grade Crossing Signals and Gates at Various At-Grade Crossings	New Hanover	6/30/2023
Krista Kimmel	DDRL	U-3338C	Kerr Ave Interchange at MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	U-4434	Independence Boulevard Extension	New Hanover	6/20/2028
Krista Kimmel	DDRL	U-4902B	US 17 Business - Market St Median Railroad to MLK	New Hanover	12/19/2028
Krista Kimmel	DDRL	U-4902C	US 17 Business - Market St Median & Interchange	New Hanover	6/19/2029
Trace Howell	DDRL	U-5702B	College Road Access Management Improvement from Carolina Beach Road to Shipyard Blvd	New Hanover	1/15/2030
Mike Bass	DDRL	U-5710	US 74 (Eastwood Road) at US 17 (Military Cutoff Rd)	New Hanover	9/16/2025
Brian Harding	DDRL	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	7/18/2028
Brian Harding	DDRL	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	5/16/2028
Trace Howell	DDRL	U-5792	MLK at College	New Hanover	6/16/2026
Krista Kimmel	DDRL	U-5926	New Route from 23rd St to 26th St	New Hanover	3/31/2024
Brian Harding	DDRL	U-5954	NC 133 at 23rd Street Roundabout	New Hanover	6/15/2027
Brian Harding	DDRL	U-6202	Widen Gordon Road to 4 lanes from US 17 Market St to I-40	New Hanover	6/18/2024
Eric Murray	DPOC	W-5703C	Monkey Junction Pedestrian Improvements	New Hanover	3/21/2024
David Leonard	DPOC	W-5703E	US 117/NC 132 (College Road) sidewalk between Randall Pkwy and N of University Drive	New Hanover	8/4/2022
Trace Howell	DPOC	W-5703R	NC 132 (South College Road) and Braggs Drive offset lefts	New Hanover	9/15/2022
David Leonard	DPOC	W-5803A	Upgrade Pedestrian & Traffic Signals and Revise Median Islands at US 74 (Eastwood Road) at US 17 (Military Cutoff Road) and US 74	New Hanover	1/31/2023
Lydia	DDRL	I-6039	1-40 Pavement rehab from Milemarker 420 to NC 210	New Hanover & Pender	6/20/2023
Trace Howell	DDRL	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Road to NC 210)	New Hanover & Pender	9/15/2026
Derek Pielech	DPOC	B-5653	Pender 14 on NC 133 over Turkey Creek	Pender	1/28/2026
Trace Howell	DDRL	U-5731	Hampstead Median: US 17 from SR 1582 (Washington Acres Road) to Vista Lane	Pender	5/16/2028
David Leonard	DPOC	W-5803B	Install Rumble Strips on US 17 Between New Hanover/Pender County Line and Mile Post 19.30 in Onslow County	Pender & Onslow	10/20/2022

Update provided: 11/02/22

PO: WMPO

Contact: Adrienne Cox, amcox1@ncdot.gov, 910.341.2001

NOVEMBER WMPO PROJECTS UNDER CONSTRUCTION						
Contract Number	Resident	TIP/WBS/Work Order	County	Description	Estimated Completion	Percent Complete
C204331	Joshua Pratt	15BPR.19	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	14.26%
DC00249	Joshua Pratt	B-4590	New Hanover	Bridge #29 over Smith Creek	10/11/2023	46.86%
C204629	Joshua Pratt	B-5624	Brunswick	Replace Bridge 57 on NC 211 Over Juniper Creek	12/12/2023	17.92%
C204623	Joshua Pratt	B-5642	Brunswick	Replace Bridge 65 on NC 87 Over Hood Creek	5/29/2023	76.13%
C204301	Joshua Pratt	N/A	New Hanover	New Hanover #48 and #49 on I-40E & I-40 W/NE Substructure Repairs	11/15/2022	31.77%
DC00300	Brian Groves	R-2633BA(L)	Brunswick	Navassa Landscape Enhancement	12/15/2022	92.25%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (Hampstead Bypass) from South of NC 210 to North of SR 1563 (Sloop Point Road)	3/14/2027	12.25%
DC00331	David Sawyer	R-5783E, R-5783F	Brunswick, Duplin, New Hanover, Onslow, Pender and Sampson	Division Wide ADA Curb Ramp Updates	12/31/2022	30.74%
C203980	Joshua Pratt	U-4751	New Hanover	Military Cutoff Road Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	7/6/2023	80.58%
C204319	Joshua Pratt	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	9/17/2023	54.38%
C204747	Joshua Pratt	U-5710A	New Hanover	Drysdale Drive Extension from Military Cutoff Road at Drydale to US 74	1/28/2025	7.33%
DC00309	Daniel Waugh	N/A	New Hanover	ILM Landscape Improvement	TBD	84.44%

NOVEMBER WMPO RESURFACING PROJECTS					
Contract Number	Contract Year	County	Routes	Estimated Completion Date	Percent Complete
C204409	2021	Brunswick	1 Section of US-17, US-74/76, And NC-130; and 11 Sections of Secondary Roads	10/1/2022	93.75%
DC00294	2021	New Hanover	New Hanover County Resurfacing	9/30/2022	76.27%
DC00304	2021	Brunswick	US 17, NC 904 & Various Secondary Roads	8/15/2022	83.40%
DC00311	2022	New Hanover	Market Street, 3rd Street, Independence Blvd, and patching on 16th & 17th Streets	9/29/2023	8.91%
DC00325	2022	Brunswick	Brunswick Resurfacing B (3/16/2022 Availability Date)	5/18/2023	86.54%
DC00327	2022	New Hanover	New Hanover County Resurfacing (1/06/2022 Availability Date)	4/28/2023	88.87%
DC00344	2023	Brunswick and New Hanover	Brunswick and New Hanover county resurfacing, various secondary routes	6/16/2023	0.00%

Go!NC Portal for public information: HMIP (Highway Maintenance Improvement Program) GIS maps

<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=cceae1d0cf870473fb7d35294acb6b71c>



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

November 2022

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

NOVEMBER TPD UPDATES WILMINGTON MPO

NOVEMBER 2022

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

Brunswick County Comprehensive Transportation Plan (CTP): The Brunswick County CTP was paused from January through August of this year. The CTP has resumed, data has been updated, and the CTP is going through another round of internal management reviews. After the internal reviews are completed, the CTP engineer will meet with the CTP Steering Committee members to update their councils and boards as well as to start public involvement sessions.

Wilmington Model: The 2050 Travel Demand Model (TDM) work started on 3/1/2022. The TDM is being developed for the next Wilmington MTP. Currently the engineer and modeler are working on updating the network, TAZs, and adding new area. The MPO has verified a lot of the data and provided materials and input for employment, population, CO data, network, etc. Currently the MPO is working on College/University data and will provide that in the following weeks.

Additional information: According to the US Census Bureau, the final urban areas based on 2020 Census will be announced in December of 2022. Refer to their [website](#) for additional information on the release schedule.

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.driveNC.gov) | [North Carolina Traffic & Travel Information](#)
- Report a pothole—[NCDOT Contact Us Form](#)

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Customer Service: 1-877-368-4968

Website: [ncdot.gov](https://www.ncdot.gov)

Location:
1554 MAIL SERVICE CENTER
RALEIGH, NC 27699

- NCDOT: State Transportation Improvement Program— ncdot.gov/sti
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>
- Links to all traffic count data information—[Traffic Survey Group \(ncdot.gov\)](#)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](#)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)

NCDOT Statewide Plans:

To learn more, click on the following links:

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