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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: January 8, 2025
SUBJECT: January 15th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee (TCC) will be held on Wednesday, January 15, 2025, at 10:00 am. This meeting will be held in the WMPO Board Room located at 525 North 4th 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/4624072592>

Simultaneous live audio of the meeting is also available via audio conference at the following dial in numbers: 301 715 8592 or 305 224 1968.

Meeting ID: 462 407 2592

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) Election of Officers
- 4) Presentations
 - a. Go Coast Update, Carolyn Caggia, WMPO
- 5) Consent Agenda
 - a. Approval of TCC Meeting Minutes- November 13, 2024
 - b. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-11
 - c. Opening of the 30-day public comment period for 2024-2033 STIP/MPO Amendment #25-1
 - d. Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's application for the North Carolina Department of Transportation's Bicycle Helmet Initiative
- 6) Regular Agenda
 - a. Resolution endorsing Targets of Safety Performance Measures Established by the North Carolina Department of Transportation

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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- b. Resolution adopting the Transportation Demand Management (TDM) Objectives for Cape Fear Navigating Change 2050
 - c. Resolution requesting the North Carolina Department of Transportation pursue contingency funding for the traffic signal and associated intersection improvements at Lanvale Road and Fletcher Road NE/Village Road in Brunswick County
 - d. Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's application for the Promoting, Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) grant program
 - e. Resolution adopting the 2025 WMPO Legislative Agenda
 - f. Opening of the 30-day Public Comment Period for the FY 26 Unified Planning Work Program
 - g. Resolution amending the 2025 TCC/Board Meeting Schedule
- 7) Discussion
- a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #25-1
 - b. Cape Fear Navigating Change 2050 Alternative Funding Mechanisms
- 8) Updates
- a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division 3
 - d. NCDOT Integrated Mobility Division
 - e. NCDOT Transportation Planning Division
- 9) Announcements
- a. WMPO Bicycle and Pedestrian Committee- February 11, 2025
- 10) Next meeting-February 12, 2025

Attachments:

- TCC Meeting Minutes- November 13, 2024
- Proposed 2024-2033 STIP/MPO Administrative Modifications #24-11
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-11
- Proposed 2024-2033 STIP/MPO Amendment #25-1
- Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's application for the North Carolina Department of Transportation's Bicycle Helmet Initiative
- NCDOT Safety Performance Measures Memorandum
- Resolution endorsing Targets of Safety Performance Measures Established by the North Carolina Department of Transportation
- Cape Fear Navigating Change 2050 Transportation Demand Management (TDM) Objectives Memorandum
- Resolution adopting the Transportation Demand Management Objectives for Cape Fear Navigating Change 2050
- Resolution requesting the North Carolina Department of Transportation pursue contingency funding for the traffic signal and associated intersection improvements at Lanvale Road and Fletcher Road NE/Village Road in Brunswick County
- Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's application for the Promoting, Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) grant program
- Draft 2025 WMPO Legislative Agenda
- Resolution adopting the 2025 WMPO Legislative Agenda
- Draft FY 26 Unified Planning Work Program
- Resolution amending the 2025 TCC/Board Meeting Schedule
- Proposed 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #25-1
- Wilmington Urban Area MPO Update (January)
- Cape Fear Public Transportation Authority Update (January)
- NCDOT Division Project Update (January)
- NCDOT Integrated Mobility Division (January)
- NCDOT Transportation Planning Division Project Update (January)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, November 13, 2024
Meeting Minutes**

Members Present in Person

Mike Kozlosky, TCC Chairman, WMPO,
Greer Templer, WMPO
Sam Boswell, Cape Fear Council of
Governments
Michelle Howes, NCDOT
Adrienne Cox, NCDOT
Denys Vielkanowitz, City of Wilmington

Members Absent

Michelyn Alston, Town of Navassa
Robert O'Quinn, Town of Wrightsville Beach
Granseur Dick, Wilmington International Airport

Others Present In-Person

Tera Cline, WMPO
Tessa Jones, WMPO
Greer Shivers, WMPO
Beth King, WMPO
Regina Hopkins, WMPO
Chad Staradumsky, Town of Belville

Members Present Remote

Helen Bunch, Brunswick County
Mark Hairr, Cape Fear Public
Transportation Authority
Adrienne Harrington, Town of Belville
Gloria Abbotts, Town of Carolina Beach
Karlene Ellis Vitalis, New Hanover County
Stephanie Ayers, NC State Ports Authority
Nazia Sader, NCDOT
Ashli Barefoot, Town of Leland
Justin Brantley, Pender County
Mandy Sander, Town of Kure Beach

Others Present Remote

Kristina Whitfield, Kimley Horn

1) Call to Order

Chairman Mike Kozlosky called the meeting of the Technical Coordinating Committee to order at 10:00 a.m., confirmed a quorum was present, and called the roll as follows:

Present In Person: Mike Kozlosky, Sam Boswell, Michelle Howes, Adrienne Cox, Greer Templer, and Denys Vielkanowitz. **Present Remotely:** Helen Bunch, Mark Hairr, Adrienne Harrington, Gloria Abbotts, Stephanie Ayers, Nazia Sader, Ashli Barefoot, Justin Brantley, and Mandy Sander. **Absent:** Michelyn Alston, Robert O'Quinn, and Granseur Dick.

2) Approval of Agenda

Ashli Barefoot made a motion to approve the agenda, seconded by Justin Brantley, and the motion carried unanimously

3) Consent Agenda

- a. Approval of TCC Meeting Minutes- October 11, 2024
- b. Resolution approving the Gullah Geechee Heritage Corridor Feasibility Study

Adrienne Harrington made a motion to approve the consent agenda, seconded by Denys Vielkanowitz, and the motion carried unanimously

5) Regular Agenda

a. Resolution adopting the 2025 Meeting Schedule

Mark Hiarr motioned to adopt the 2025 meeting schedule, which Nazia Sader seconded. The motion carried unanimously.

b. Resolution approving the Wilmington Urban Area MPO's Prioritization 7.0 Division Needs Local Input Point Assignment

Mike Kozlosky, WMPO, reminded the committee that they were presented with a draft point assignment at the last meeting. He then stated that the MPO Board was also presented with the draft point assignment at their last meeting. The MPO Board opened its 14-day public comment period; no comments were received on the point assignment. However, several comments were received related specifically to replacing the Heidi Trask drawbridge.

He then stated that, with no public comments on how we assigned our points, staff would request approval of the Division Needs Local Point Assignment from the MPO. He stated that the assignment must be submitted by November 29th and will also be presented to the MPO Board at their November 20th meeting.

Sam Boswell made a motion to approve a resolution approving the Wilmington Urban Area MPO's Prioritization 7.0 Division Needs Local Input Point Assignment, which Michelle Howes then seconded. The motion was carried unanimously.

c. Resolution endorsing the Fiscally Constrained Roadway Project list for inclusion in the Cape Fear Navigating Change 2050

Greer Templer, WMPO, stated that last month, three project scenarios for the fiscally constrained roadway projects for the Cape Fear Navigating Change 2050 plan were presented to the committee and the MPO Board. She then introduced Kristina Whitfield with Kimley Horn to overview the rationale behind recommending approval of Scenario 3.

Kristina Whitfield with Kimley-Horn stated that she wanted to do a quick overview of the alternative revenue forecast for each revenue stream and each county. She said that with a quarter-cent local option sales tax, New Hanover County would be at \$1,181 million, Brunswick County \$535 million, and Pender County \$215 million.

Ms. Whitfield then explained that an additional \$7.00 on a registration fee for each county would generate \$67.78 million in revenue for New Hanover County, \$26.41 million for Brunswick County, and \$14.52 million for Pender County.

She then stated that municipalities levy the motor vehicle license tax. Currently, there are no incorporated municipalities within the portion of Pender County located within the WMPO. Wilmington and Leland already

levy the motor vehicle license tax, which is not included in the estimates. New Hanover County estimates \$7.8 million in revenue, and Brunswick County estimates \$4.48 million.

Ms. Whitfield continued, stating that a short-term vehicle rental tax can only be estimated for New Hanover County because it is the only county with rental companies. That estimate is \$59.43 million in revenue.

She stated that looking at the three counties, New Hanover County has the biggest opportunity for alternative revenue. She then tailored down from them based on the size of the jurisdiction, Brunswick County, and then Pender County. Portions are weighted based on the percentage of the population expected to be within the WMPO's boundaries between now and 2050.

Ms. Whitfield noted that bonds are particularly specific to each jurisdiction. She stated that detailed estimates are not attainable without knowing each jurisdiction's individual bond rating and debt capacity. Kimley-Horn did look back over the last 5 to 8 years at some jurisdictions across North Carolina that have levied bonds for transportation projects. She noted that when the population is normalized with their successful referenda, the average per capita ask for the bond is typically about \$505 dollars and the average tax rate increase is about 3 cents per \$100 evaluation. Based on the information found, the most common type of bond initiative is to partner with Parks and Recreation.

In conclusion, she stated that the staff recommends approval of scenario 3 for the fiscally constrained projects list to be included in the 2050 MTP. The projects were looked at in several different ways. The project variation wasn't great enough to show vast differences in the Travel Demand Modal. The scenarios were compared to see how well they met the merit criteria in the prioritization. Safety was the greatest need for prioritizing projects, and the scenario grouping in number 3 had the highest safety scores. It is also the one that the grouping of projects is as close to zero as possible, with a fiscal balance of just \$873,000 remaining. She noted that the member jurisdictions submitted eight plus projects, and most of their top-ranked projects are in the fiscally constrained project list.

Dennys Vielkanowitz, City of Wilmington, had a question about the banding. He said it looks like there are specific year treatments for each project. He asked how they were weighted and if there was any wiggle room for moving a project forward and delaying the prioritization of another project.

Ms. Whitfield stated that they typically start with the ranking and go down until the list has run out. It could be that the project in the nearer-term band scored higher than the further-away band. She also noted that cost can affect the banding. She stated that from the standpoint of the SPOT process, if the project is in the fiscally constrained plan itself, the banding usually does not have a significant effect.

Nazia Sarder motioned to approve the resolution endorsing the fiscally constrained roadway project list for inclusion in the Cape Fear Navigating Change 2050. Sam Boswell seconded, and the motion was carried unanimously.

5) Discussion

a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-11

Mike Kozlosky noted this was a discussion item and will be considered at the next meeting.

7) Updates

a. Wilmington Urban Area MPO

Mike Kozlosky stated that the written updates are included in the packet. He recognized that the WMPO is currently developing the Unified Planning Work Program and will discuss it with the WMPO Board in December. He requested that any member jurisdiction with requests for special plans or studies related to transportation be received by December 9th so there is time to review them with the Board.

b. Cape Fear Public Transit Authority

Mark Hiarr, WAVE, stated that updates are included in the packet.

c. NCDOT Division 3

Adrienne Cox, Division 3, stated that all the updates in the packet are correct except bridge project BP3-R004 Brunswick Bridge 181, which has an asterisk; on the list are some other factors influencing the project's final completion date.

Mike Kozlosky asked for clarification on the completion date for the median on Market Street listed under projects under construction. He stated that it shows it's 73% complete but has a completion date of September 28, 2024. Michelle Howes noted that this was discussed with Josh Pratt, and the completion date will be modified once claims from the contractor to change the actual completion date are received.

Adrienne Cox noted the last list of resurfacing projects. Several are closing out, and some are coming on board.

d. NCDOT Integrated Mobility Division

No Update.

e. NCDOT Transportation Planning Division

Nazia Sarder, NCDOT, stated that they will continue to work with the WMPO on the Wilmington Travel Demand Model. The Pender County CTP will resume meetings beginning next year and review the survey results.

Announcements

- a. WMPO BPAC meeting on December 10, 2024, and a virtual Go Coast meeting on Tuesday, December 17th.**

10) Next meeting- January 15, 2025

There being no further business, Denys Vielkanowitz made a motion to adjourn the meeting, seconded by Michelle Howes, and the motion carried unanimously

The meeting was adjourned at 10:26 a.m.

THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.

THE ENTIRE PROCEEDINGS ARE RECORDED DIGITALLY AS PART OF THIS RECORD.

Proposed Additions to 2024-2033
STIP/MPO TIP Programs STIP/MPO
TIP Modifications #24-11

STATEWIDE PROJECT

STIP MODIFICATIONS

TO-0004	- STATEWIDE PROJECT	STATEWIDE, SYSTEM SAFETY OVERSIGHT GRANT FOR CONSTRUCTION	FY 2025 -	\$500,000	(S)
STATEWIDE		NCDOT RAIL DIVISION.	FY 2025 -	\$1,810,000	(SSO)
PROJ.CATEGORY		<u>MODIFY FUNDS AT THE REQUEST OF THE</u>	FY 2026 -	\$500,000	(S)
PUBLIC TRANS		<u>INTEGRATED MOBILITY DIVISION.</u>	FY 2026 -	\$1,000,000	(SSO)
				\$3,810,000	

**Proposed Additions to 2024-2033
STIP/MPO TIP Programs STIP/MPO
TIP Modifications #24-11**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HS-2003AP NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1302 (23RD STREET), AT SR 1301 (PRINCESS PLACE DRIVE) IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND INSTALL PEDESTRIAN SIGNALS.	CONSTRUCTION	FY 2025 - <u>\$195,000</u> (HSIP) \$195,000
		<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>		
* HS-2403D NEW HANOVER PENDER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1336 (SIDBURY ROAD), SR 1318 (BLUE CLAY ROAD) TO US 17 NORTH OF WILMINGTON. INSTALL CENTERLINE AND SHOULDER SINUSOIDAL RUMBLE STRIPS WITH BICYCLE PATTERN.	CONSTRUCTION	FY 2025 - <u>\$421,000</u> (HSIP) \$421,000
		<u>ADD PROJECT AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>		
* HS-2403E BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON PROJ.CATEGORY REGIONAL	- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION - WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION - JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION - MID-CAROLINA RURAL PLANNING ORGANIZATION - CAPE FEAR RURAL PLANNING ORGANIZATION - EASTERN CAROLINA RURAL PLANNING ORGANIZATION	US 17 ; US 258 ; US 421 ; NC 24 ; NC 87, VARIOUS LOCATIONS IN DIVISION 3. UPGRADE GUARDRAIL END UNITS.	CONSTRUCTION	FY 2025 - <u>\$306,000</u> (HSIP) \$306,000
		<u>ADD PROJECT AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>		

**Proposed Additions to 2024-2033
STIP/MPO TIP Programs STIP/MPO
TIP Modifications #24-11**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

U-6235	- WILMINGTON URBAN AREA	WILMINGTON, TRAFFIC SIGNAL PRE-EMPTION FOR	CONSTRUCTION	FY 2025 -	\$824,000	(BGDA)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	EMERGENCY VEHICLES PROJECT.		FY 2025 -	<u>\$206,000</u>	(L(M))
PROJ.CATEGORY		<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
DIVISION		<u>DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>			\$1,030,000	
W-5703C	- WILMINGTON URBAN AREA	US 421 (CAROLINA BEACH ROAD), US 421 (CAROLINA	CONSTRUCTION	FY 2025 -	\$35,000	(HSIP)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	BEACH ROAD) FROM US 117 / NC 132 (COLLEGE ROAD)		FY 2025 -	\$272,000	(BGDA)
PROJ.CATEGORY		TO NORTH OF WILLOUGHBY PARK. INSTALL CURB AND		FY 2025 -	\$4,000	(T)
REGIONAL		GUTTER, MULTI-USE PATH, SIDEWALK, PEDESTRIAN		FY 2025 -	\$68,000	(L(M))
		SIGNALS, HIGH VISIBILITY CROSSWALKS, AND		FY 2026 -	\$2,796,000	(HSIP)
		LIGHTING.		FY 2026 -	\$352,000	(T)
		<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2027 -	\$667,000	(HSIP)
		<u>DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>		FY 2027 -	<u>\$84,000</u>	(T)
					\$4,278,000	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #24-11 TO
THE 2024-2033 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 2024-2033 State Transportation Improvement Program on June 6 2023, and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the 2024-2033 State/MPO Transportation Improvement Programs on August 30, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-11.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2024-2033 State/MPO Transportation Improvement Programs for Administrative Modifications #24-11.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #25-1**

STATEWIDE PROJECT

STIP ADDITIONS

* BO-2424 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	VARIOUS, INTEGRATED MOBILITY DIVISION BICYCLE AND PEDESTRIAN COORDINATION ACTIVITIES. <u>ADD PROJECT AT THE REQUEST OF THE OFFICE OF STRATEGIC INITIATIVES.</u>	ENGINEERING	FY 2025 - \$367,000 (CMAQ) FY 2026 - \$367,000 (CMAQ) FY 2027 - \$366,000 (CMAQ) \$1,100,000
* HN-0037 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	STATEWIDE, DEVELOP CARBON REDUCTION STRATEGY AND EMISSIONS TOOL. <u>ADD PROJECT AT THE REQUEST OF THE OFFICE OF STRATEGIC INITIATIVES.</u>	IMPLEMENTATION	2025 \$250,000 (CRPANY) \$250,000
* HO-0024 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	STATEWIDE, IMPROVE 1000 ISOLATED CLOSED-LOOP SYSTEM SIGNALS. <u>ADD PROJECT DUE TO AWARD OF FEDERAL GRANT. DP FUNDS REPRESENT FEDERAL ATTAIN GRANT.</u>	CONSTRUCTION	FY 2025 - \$2,965,000 (DP) FY 2025 - \$991,000 (HF(M)) FY 2026 - \$3,021,000 (DP) FY 2026 - \$1,005,000 (HF(M)) FY 2027 - \$3,060,000 (DP) FY 2027 - \$1,015,000 (HF(M)) FY 2028 - \$2,990,000 (DP) FY 2028 - \$975,000 (HF(M)) \$16,022,000
* M-0531DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP, INTERNSHIP PROGRAMS, TRAINING, AND EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY SERVING INSTITUTIONS (MSI). <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u>	IMPLEMENTATION	FY 2025 - \$420,000 (BGANY) FY 2026 - \$420,000 (BGANY) \$840,000

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #25-1**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
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STIP ADDITIONS

* BL-0153 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GULLAH GEECHEE HERITAGE TRAIL GAP, CONSTRUCT MULTI-USE PATH ADJACENT TO NC 133. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING	FY 2025 -	\$130,000	(BGDA)
				FY 2025 -	\$32,000	(L(M))
			CONSTRUCTION	FY 2027 -	\$590,000	(BGDA)
				FY 2027 -	<u>\$148,000</u>	(L(M))
					\$900,000	
* BL-0154 PENDER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	COUNTRY CLUB MULTI-USE PATH, ADJACENT TO COUNTRY CLUB DRIVE AND JENKINS ROAD FROM SLOOP POINT LOOP ROAD TO NORTH ST. JOHNS CHURCH ROAD. CONSTRUCT MULTI-USE PATH. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING	FY 2025 -	\$886,000	(BGDA)
				FY 2025 -	<u>\$222,000</u>	(L(M))
					\$1,108,000	

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**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #25-1**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* RN-0001	- WILMINGTON URBAN AREA	WILMINGTON, OPERATION OF NEW INTERMODAL	OPERATIONS	FY 2025 -	\$660,000	(CMAQ)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	CONTAINER SHIPPING FACILITY AT NC PORT.		FY 2025 -	\$165,000	(L(M))
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE OFFICE OF</u>		FY 2026 -	\$660,000	(CMAQ)
EXEMPT		<u>STRATEGIC INITIATIVES.</u>		FY 2026 -	\$165,000	(L(M))
				FY 2027 -	\$660,000	(CMAQ)
				FY 2027 -	<u>\$165,000</u>	(L(M))
					\$2,475,000	

**Proposed Additions to
2024-2033 STIP/MPO TIP Programs
Amendment #25-1**

STATEWIDE PROJECT

STIP ADDITIONS

* M-0531REG	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP,	IMPLEMENTATION	FY 2025 -	\$420,000	(BGANY)
STATEWIDE		INTERNSHIP PROGRAMS, TRAINING, AND		FY 2026 -	\$420,000	(BGANY)
PROJ.CATEGORY		EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK			\$840,000	
REGIONAL		COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY				
		SERVING INSTITUTIONS (MSI).				
		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u>				
* M-0531SW	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP,	IMPLEMENTATION	FY 2025 -	\$560,000	(BGANY)
STATEWIDE		INTERNSHIP PROGRAMS, TRAINING, AND		FY 2026 -	\$560,000	(BGANY)
PROJ.CATEGORY		EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK			\$1,120,000	
STATEWIDE		COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY				
		SERVING INSTITUTIONS (MSI)				
		<u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u>				

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE WILMINGTON URBAN AREA METROPOLITAN PLANNING
ORGANIZATION’S APPLICATION TO THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION’S BICYCLE HELMET INITIATIVE FOR 100 BICYCLE HELMETS TO BE
DISTRIBUTED IN 2025 TO LOW INCOME CHILDREN**

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’s Integrated Mobility Division seeks to bridge the gap between conceptual planning and programming of projects, build upon higher-level planning efforts, and take a comprehensive approach to identify possible route alternatives of multimodal corridors; and

WHEREAS, the North Carolina Department of Transportation’s Bicycle Helmet Initiative aims to reduce child/youth bicycle fatalities and serious injuries, including head trauma, in North Carolina with requirements including that awarded helmets be distributed to low-income children coinciding with a bicycle safety education program within 12 months after receiving helmets; and

WHEREAS, the Go Coast “Be A Looker” campaign launched in 2019 to educate area bicyclists, drivers, and pedestrians on rules of the road and best safety practices while on the roadway and will continue in 2025; and

WHEREAS, the WMPO has annually applied for helmets from the Bicycle Helmet Initiative consistently since 2021 and has distributed helmets to children in communities with high transportation disadvantage throughout its annual outreach efforts; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is committed to diversifying mode use by fostering a bicycle and pedestrian-friendly culture as outlined in the Cape Fear Change In Motion 2020 Short-Range TDM Plan.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the Wilmington Urban Area Metropolitan Planning Organization’s application to the North Carolina Department of Transportation for the Bicycle Helmet Initiative.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR


J. ERIC BOYETTE
SECRETARY

DATE: December 18, 2024

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 2025 Targets

DocuSigned by:

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Background

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

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

These targets are established annually, are based on 5 year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our [Strategic Highway Safety Plan \(SHSP\)](#) 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 (2024) 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) 2022 safety targets, based on the 5-year averages for 2018-2022 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

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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 2022

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2018 - 2022	2018 - 2022	2016 - 2020			
Fatalities (5 Year Average)	1,254.9	1,550.8	1,458.6	No	No	No
Fatality Rate (5 Year Average)	1.057	1.328	1.250	No	No	
Serious Injuries (5 Year Average)	3,537.6	5,030.0	4,410.2	No	No	
Serious Injury Rate (5 Year Average)	2.962	4.296	3.776	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	486.0	661.6	583.4	No	No	

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2022 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 2022

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2018 - 2022	2018 - 2022	2016 - 2020			
Fatalities (5 Year Average)	25.8	33.8	30.8	No	No	No
Fatality Rate (5 Year Average)	0.961	1.256	1.163	No	No	
Serious Injuries (5 Year Average)	66.1	88.8	80.2	No	No	
Serious Injury Rate (5 Year Average)	2.463	3.314	3.044	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	18.1	20.4	19.8	No	No	

2025 State Safety Performance Targets

2025 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 2024 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 2025 Safety Performance Targets

Performance Measure	CY 2025
Number of Fatalities	1,103.3
Rate of Fatalities	0.925
Number of Serious Injuries	3,204.8
Rate of Serious Injuries	2.675
Number of Non-Motorized Fatalities & Serious Injuries	434.6

2025 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	67.4	2.596	20.0
2015 - 2019	30.8	1.152	76.0	2.844	21.6
2016 - 2020	30.8	1.163	80.2	3.044	19.8
2017 - 2021	33.2	1.252	86.8	3.288	21.4
2018 - 2022	33.8	1.256	88.8	3.314	20.4
2019 - 2023	35.2	1.294	89.6	3.310	20.6
2025 Target*	21.6	0.801	58.3	2.161	15.2

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 fatal and serious injury crash reduction 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. If you have not already done so, 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 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 and funded), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Pedestrian Safety Improvements: [link](#)
 - Here you will find information related to NCDOT's pedestrian safety programs, as well as several new guidance documents related to pedestrian safety.
- 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) 814-5100 or bmayhew@ncdot.gov for further questions or discussion.

BKM\bgm

cc: Alpesh Patel
Daryl Vreeland, AICP
George Hoops, PE
Matt Albee, PE
Shawn Troy, PE
Brian Murphy, PE

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ENDORSING TARGETS FOR SAFETY PERFORMANCE MEASURES
ESTABLISHED BY THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION**

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

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

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

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

WHEREAS, the NCDOT coordinated the establishment of safety targets with the 20 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group; and

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

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

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

1. For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 30.40 percent from 1,585.2 (2019-2023 average) to 1,103.3 (2021-2025 average) by December 31, 2025.
2. For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 31.63 percent from 1.353 (2019-2023 average) to 0.925 (2021-2025 average) by December 31, 2025.
3. For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 38.80 percent from 5,236.8 (2019-2023 average) to 3,204.8 (2021-2025 average) by December 31, 2025.
4. For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 40.12 percent from 4.467 (2019-2023 average) to 2.675 (2021-2025 average) by December 31, 2025.

5. For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 39.01 percent from 712.6 (2019-2023 average) to 434.6 (2021-2025 average) by December 31, 2025.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary



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Cape Fear Navigating Change 2050 TDM Objectives

TO: TCC Members
FROM: Carolyn Caggia, Associate Transportation Planner / TDM Coordinator
DATE: January 3, 2025
SUBJECT: Cape Fear Navigating Change 2050 TDM Objectives

The WMPO is in the planning process for our region's 2050 Metropolitan Transportation Plan (MTP), Cape Fear Navigating Change 2050, which is federally required and must be developed, updated, and adopted by the WMPO every five years. The Go Coast committee has approved the following Transportation Demand Management (TDM) objectives which support the MTP's five goals via the WMPO's Go Coast TDM program, and which were developed through analysis of public engagement conducted during 2023 and 2024 coinciding with MTP development.

The **goals** for the plan, adopted by the WMPO Board at its May 2024 meeting, are as follows: Safe, Equitable, Connected, Resilient, and Proactive.

The **TDM objectives** are as follows:

Safe

- Bolster education and outreach for safe bicycling and walking to all road users.
- Develop tools for education and awareness surrounding safety for motorized forms of alternative transportation, i.e. carpooling, vanpooling, and public transportation.

Equitable

- Prioritize employer outreach in areas which are transportation disadvantaged, and employers which qualify as a Disadvantaged Business Enterprise.

Connected

- Pursue opportunities to increase carpooling and facilitate carpool ride-matching.
- Coordinate with Wave Transit on outreach to increase familiarity with public transportation.
- Investigate opportunities for Park and Ride lots within the WMPO boundary.

Resilient

- Foster a regional culture where alternative transportation usage is legitimized and embraced.

Proactive

- Increase marketing and outreach to improve awareness and understanding of alternative transportation options to audiences including area employers, neighborhoods, schools, and others.
- Identify opportunities to facilitate commuter incentives at the employer level.

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 CAPE FEAR NAVIGATING CHANGE 2050
TRANSPORTATION DEMAND MANAGEMENT (TDM) OBJECTIVES**

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

WHEREAS, the WMPO is in the planning process for our region's 2050 Metropolitan Transportation Plan (MTP), Cape Fear Navigating Change 2050 which is federally required and must be developed, updated, and adopted by the WMPO every five years; and

WHEREAS, the final plan will be used by federal, state, and local governments to guide decision-making for transportation projects in our region over the next 25 years, including which projects receive state or federal funding, the design and location of local projects, coordinating land use and development, and identifying projects for further plans and studies; and

WHEREAS, the WMPO has conducted public engagement and coordinated with the Go Coast committee to develop TDM objectives which support and encourage alternative transportation efforts and strategies.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the TDM objectives for Cape Fear Navigating Change 2050.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
(NCDOT) PURSUE CONTINGENCY FUNDING FOR THE TRAFFIC SIGNAL AND ASSOCIATED
INTERSECTION IMPROVEMENTS AT LANVALE ROAD AND FLETCHER ROAD NE/VILLAGE
ROAD IN BRNSWICK COUNTY**

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 intersection of SR 1438 (Lanvale Road) and SR 1472 (Fletcher Road NE/Village Road) currently has capacity issues as well as there is safety concerns based on crash data that supports improvements to this intersection; and

WHEREAS, a rail line that travels east/west and is used by the Department of Defense for the transport of munitions to/from Military Ocean Terminal Sunny Point is located about 40 feet to the south side of the intersection which complicates the safety issues at the intersection; and

WHEREAS, currently there are no typical railroad safety features at the intersection; and

WHEREAS, the installation of a traffic signal and associated intersection improvements at this location will provide added safety; and

WHEREAS, the installation of the traffic signal and associated intersection improvements are also critical for the replacement of the Sturgeon Creek bridges; and

WHEREAS, the Sturgeon Creek bridge replacement projects will utilize the intersection of Lanvale Road and Fletcher Road NE/Village Road as part of their off-site detour; and

WHEREAS, NCDOT has been unable to identify the necessary funding to complete the installation of the traffic signal and associated intersection improvements at this location.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests that the NCDOT pursue contingency funding for the installation of the traffic signal and associated intersection improvements at Lanvale Road and Fletcher Road NE/Village Road in Brunswick County.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION'S RESILIENCE IMPROVEMENT PLANNING GRANT
APPLICATION THROUGH THE UNITED STATES DEPARTMENT OF TRANSPORTATION'S
PROMOTING RESILIENT OPERATIONS FOR TRANSFORMATIVE, EFFICIENT, AND
COST-SAVING TRANSPORTATION 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 United States Department of Transportation has developed a discretionary grant program to address surface transportation resilience to natural hazards through the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program; and

WHEREAS, the Bipartisan Infrastructure Law has appropriated up to \$576 million for the PROTECT Program for FY 2024 and 2025; and

WHEREAS, the program supports the development of a Resilience Improvement Plan that addresses immediate and long range transportation network needs related to comprehensive natural hazard preparedness to limit transportation disruptions, and to identify and assess areas of vulnerability within the transportation network to be considered and prioritized for future resiliency projects; and

WHEREAS, the PROTECT Program encourages that entities, including metropolitan planning organizations and local governments, that are interested in obtaining implementation funds through the PROTECT Program have an adopted Resilience Improvement Plan; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's planning area has observed transportation network disruptions due to natural hazard events such as flooding and has a high likelihood of future flooding and severe weather events such as hurricanes; and

WHEREAS, a Resilience Improvement Plan for the Wilmington Urban Area Metropolitan Planning Organization's planning area would identify priority resilience improvement projects and inform the organization's short- and long-term planning processes.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the Wilmington Urban Area Metropolitan Planning Organization's application to develop a regional Resilience Improvement Plan through the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary

Wilmington Urban Area Metropolitan Planning Organization
Draft 2025 Legislative Agenda

Transportation Funding

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

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

Transportation Funding for Drainage Improvements

The Wilmington Urban Area MPO encourages increased funding for maintaining drainage ditches for which NCDOT is responsible in Counties subject to the N.C. Coastal Area Management Act (CAMA).

Transportation Project Priority- Cape Fear Memorial Bridge

The Wilmington Urban Area MPO Board has identified the replacement of the Cape Fear Memorial Bridge as their highest unfunded priority.

Opposition to Transfer of State Road Maintenance

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

Limitation on City Requirements for Street Improvements Related to Schools

SL 2017-57 included language related to street improvements for schools. The Wilmington Urban Area MPO continues to be concerned that on non-state-maintained facilities where improvements related to schools are needed, the funding burden has fallen on the municipalities or the level of service on the roadways will be compromised. The Wilmington Urban Area MPO encourages the General Assembly to review this language and seek solutions to address this funding concern.

Moped Legislation

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

Electric Scooter Legislation

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

Electric Assisted Bicycle Legislation

The Wilmington Urban Area MPO supports the use of electric assisted bicycles to provide an alternative mode of transportation when utilized in a safe and responsible manner. The MPO encourages the North Carolina General Assembly to implement legislation defining e-bicycle subclasses. Locations of permissible use of electric assisted bicycles should be subject to local government control through their adopted codes and ordinances.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE 2025 LEGISLATIVE AGENDA

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2025 Legislative Agenda.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary



Unified Planning Work Program

Fiscal year 2026

**Draft UPWP
January 15, 2024**

**FY 2026 UNIFIED PLANNING WORK PROGRAM
for the
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

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Introduction

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area MPO (WMPO) conducts a “cooperative, comprehensive, and continuing” transportation planning process. This Unified Planning Work Program (UPWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO’s transportation planning process during Fiscal Year 2026 (FY 26). Depending on the specific funding source, tasks funded through the UPWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) through the North Carolina Department of Transportation (NCDOT).

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

- Federal Highway Administration - Section 104(f) Funds (PL104)
Funds dedicated to the urban area to perform transportation planning. PL104 funds require a 20% local match.
- Federal Highway Administration - Safe & Accessible Transportation Options Set Aside (SATO/Y410)
These funds are dedicated to the urban area to perform transportation planning to increase safe and accessible options for multiple travel modes for people of all ages and abilities. SATO/Y410 funds are 100% reimbursable.
- Federal Highway Administration - Surface Transportation Block Grant-Direct Attributable Funds (STBG-DA)
Funds dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. STBG-DA funds require a 20% local match.
- Federal Highway Administration - Safe Streets for All (SS4A)
These are discretionary grant funds to be used for the development of a Comprehensive Safety Action Plan for the WMPO’s planning area. SS4A funds require a 20% local match. The WMPO’s FY 24 UPWP included a 20% local match (50% from the state, 50% member contributions) for a \$400,000 SS4A planning grant for the development of a regional Comprehensive Safety Action Plan. The WMPO applied during the FY 24 funding cycle and received notification of the award in December 2023. Plan development will begin in 2025.
- Federal Transit Administration - Section 5303 Funds
These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Local Member Non-Grant Contributions - Member Only Additional Funds

Local only supplied funds for WMPO operating expenses not eligible for grant funding.

The local match requirements will be shared by all members of the Wilmington Urban Area MPO as defined in the Wilmington Urban Area MPO's adopted Memorandum of Understanding.

Narrative of UPWP Section 104(f) Work Tasks to be Performed in FY 26

(Primary work to be performed by WMPO staff except where noted.)

II-A Data and Planning Support Line-Item Codes: \$103,300

II-A-1 Networks and Support Systems: \$100,800

Bike & Ped. Facilities Inventory – Staff will facilitate inventory of significant municipal, state, and federal bicycle and pedestrian transportation facilities. These systems shall be incorporated in the Metropolitan Transportation Plan (MTP) update and analyzed in conjunction with other transportation performance measures.

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

II-A-2 Travelers and Behavior: \$1,300

Dwelling Unit, Population, Employment Changes – Changes in population and development across the service area will be identified and evaluated to determine necessary restructuring of transportation services to meet current and forecasted demand. Census data, local parcel, zoning, and tax data records; Employment Security Commission; and private vendors are acceptable sources of information for this purpose. This item may include the development and maintenance of a GIS database.

II-A-3 Transportation Modeling: \$1,200

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

II-B Planning Process Line-Item Codes: \$63,500

II-B-1 Target Planning: \$7,000

Congestion Management Strategies – Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions, and transportation system management strategies. Evaluate strategies developed for the Congestion Management Process. Document process and solutions in the update of the MTP and CMP reports. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

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

Hazard Mitigation & Disaster Planning – Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters. After identifying these risks, develop long-term strategies for protecting people and property from similar events. Mitigation plans are key to breaking the cycle of damage and reconstruction.

II-B-2 Regional Planning: \$46,500

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

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

Collector Street Element of the Metropolitan Transportation Plan – Collector Street planning will be conducted as required to develop standards and preliminary locations for collector streets in advance of development. The objective of this planning activity is to ensure optimum traffic operations for the developing street system and transit accessibility to developing areas.

Community Goals & Objectives – Monitor public input as it pertains to goals and objectives set forth in the adopted Metropolitan Transportation Plan. Implementation of the Performance Measures from the Infrastructure Investment and Jobs Act.

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

Rail, Water, or other mode of the Metropolitan Transportation Plan – Identify rail and waterway deficiencies, priorities, and proposed rail and waterway improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP.

II-B-3 Special Studies: \$10,000

Special Studies: Staff Time - Time Spent with Special Study Consultants – \$10,000

Planning Staff time allocated to managing and coordinating with the NCDOT and contracted consultant(s) to develop both the WMPO's 2027-2031 Strategic Plan and the Metropolitan Transportation Plan (MTP): Cape Fear Navigating Change 2050.

III-A Planning Work Program Line-Item Codes: \$2,000

III-A-1 Planning Work Program: \$1,000

Staff will develop a Unified Planning Work Program (UPWP) with the guidance of the Technical Coordinating Committee (TCC) and WMPO Board, staff will present the UPWP for approval to the WMPO Board and submit it to the NCDOT Transportation Planning Division (TPD).

III-A-2 Metrics and Performance Measures: \$1,000

Facilitate updates to the UPWP, MTP, etc., to address performance tracking and reporting. This includes preparing quarterly reports, the annual report, requests for reimbursement, and establishing/developing/refinement/updating of performance measures/targets. This task also includes updated plans (CTP/MTP/TIP), as required to track performance measure requirements.

III-B Transportation Improvement Plan Line-Item Codes: \$12,500

III-B-1 Prioritization: \$5,000

Maintain the SPOT list of STIP projects across all modes. Develop purpose and needs statements, as appropriate/needed. Work to update and improve local prioritization process for SPOT projects. Coordinate data, maps, and resolutions for STIP Project Recommendations as needed. Gather and enter data required for SPOT ranking of projects.

III-B-2 Metropolitan Transportation Improvement Program (TIP): \$2,500

Work cooperatively with the NCDOT and other partner agencies to review and provide comments on the draft STIP, the final STIP, and then adopt the corresponding MPO TIP. This includes reviewing and refining TIP project schedules and descriptions in the Draft TIP and coordinating meaningful public involvement in the TIP process.

III-B-3 Merger/Project Development: \$5,000

General work associated with development of projects in the adopted STIP/MPO TIP.

Review designs for TIP Projects and provide comments to appropriate agencies. Participate in the environmental study process for STIP/MPO TIP projects and provide an MPO representative on NEPA/404 Merger Teams. Monitor the public involvement process for STIP/MPO TIP projects and ensure adequate community input; assist PDEA as requested. Participation in project-specific workgroup meetings, as needed. Facilitate dialog between NCDOT and MPO-member communities. Participate in scoping meetings, public input, and merger meetings.

III-C Civil Rights Compliance & Other Regulatory Requirements Line-Item Codes: \$24,000

III-C-1 Title VI Compliance: \$10,000

Work to ensure compliance with the requirements of Title VI in the WMPO's policies and practices.

III-C-2 Environmental Justice: \$3,000

Analysis and outreach to ensure that transportation plans and projects comply with Environmental Justice policies.

III-C-6 Public Involvement: \$10,000

Extensive public participation effort will be carried out to solicit input and gauge public input for planning studies and projects within the Wilmington Urban Area MPO's planning area boundary. Outreach will be used in the development and adoption of the Cape Fear Navigating Change 2050 Plan.

III-C-7 Private Sector Participation: \$1,000

Activities to encourage private sector participation in planning and project activities.

III-D Statewide & Extra-Regional Planning Line-Item Codes: \$7,000

III-D Statewide & Extra-Regional Planning: \$7,000

Environmental Analysis & Pre-TIP Planning – Conduct environmental analysis and planning for the development of transportation projects in the Wilmington Urban Area.

Regional or Statewide Planning – Coordination of urban area activities with statewide and regional initiatives.

III-E Management, Operations, & Program Support Admin Line-Item Codes:
\$249,700

III-E Management & Operations: \$233,530

Management & Operations – Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

III-E Indirect Costs: \$16,170

Indirect Costs – Indirect Costs- Indirect Costs are costs to the Lead Planning Agency that are not direct costs and are not related to a specific activity but are shared costs across multiple activities. These are costs incurred for a common or joint purpose benefiting more than the one cost objective, and not readily assignable to the cost objective specifically benefitted, without effort disproportionate to the results achieved. The de minimis indirect cost rate as of October 1, 2024, is 15%, however a lower de minimis cost rate may be applied. The negotiated indirect cost rate negotiated between the City of Wilmington (Lead Planning Agency) and WMPO for FY 26 is 3.5% of the Modified Total Direct Cost.

Narrative of Safe & Accessible Transportation Options Set Aside (SATO/Y410) Work Tasks to be Performed in FY 26

(Primary work to be performed by WMPO staff except where noted.)

In 2022, the Infrastructure Investment and Jobs Act (IIJA) added a new Metropolitan Planning set-aside for Increasing Safe & Accessible Transportation Options. The Act requires each MPO to use at least 2.5% of its PL funds on specified planning activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities. [§ 11206(b)]. The 2.5% set aside is provided by a separate allocation of PL funds (federal program code Y410). The MPO's share of this amount is distributed using the same allocation formula.

This funding requires no local match and the full funding amount of \$8,200 is 100% reimbursable.

This task may include the following activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities:

1. Adoption of Complete Streets standards or policies.
2. Development of a Complete Streets prioritization plan that identifies a specific list of Complete Streets projects to improve the safety, mobility, or accessibility of a street.
3. Development of transportation plans to:
 - a. Create a network of active transportation facilities, including sidewalks, bikeways, or pedestrian and bicycle trails, to connect neighborhoods with destinations such as workplaces, schools, residences, businesses, recreation areas, healthcare and childcare services, or other community activity centers.
 - b. Integrate active transportation facilities with public transportation service or improve access to public transportation.
 - c. Create multiuse active transportation infrastructure facilities (including bikeways or pedestrian and bicycle trails) that make connections within or between communities.
 - d. Increase public transportation ridership; and
 - e. Improve the safety of bicyclists and pedestrians.
4. Regional and megaregional planning (i.e., multi-jurisdictional transportation planning that extends beyond MPO and/or State boundaries) that address travel demand and capacity constraints through alternatives to new highway capacity, including through intercity passenger rail; and
5. Development of transportation plans and policies that support transit-oriented development.

II-B Planning Process Line-Item Codes: \$7,913

Safe & Accessible Transportation Options - Provide safe and accessible transportation options.

III-E Management, Operations, & Program Support Admin Line-Item Codes:
\$287

III-E Indirect Costs: \$287

Indirect Costs – Indirect Costs are costs to the Lead Planning Agency that are not direct costs and are not related to a specific activity but are shared costs across multiple activities. These are costs incurred for a common or joint purpose benefiting more than the one cost objective, and not readily assignable to the cost objective specifically benefitted, without effort disproportionate to the results achieved. The de minimis indirect cost rate as of October 1, 2024, is 15%, however a lower de minimis cost rate may be applied. The negotiated indirect cost rate negotiated between the City of Wilmington (Lead Planning Agency) and WMPO for FY 26 is 3.5% of the Modified Total Direct Cost.

Narrative of Surface Transportation Block Grant – Direct Attributable Work Tasks and Special Studies to be Performed in FY 26

(Primary work to be performed by WMPO staff except where noted.)

II-A Data and Planning Support Line-Item Codes: \$93,800

II-A-1 Networks and Support Systems: \$93,800

Mapping – Creation or maintenance of base maps, zone maps, land use, etc. for the study area. The MPO will create, maintain, and store mapping for the study area for each update of the study. The WMPO has a full-time GIS Analyst dedicated to this task.

II-B Planning Process Line-Item Codes: \$26,300

II-B-3 Special Studies: \$26,300

Special Studies: Staff Time - Safe Streets and Roads for All – \$5,000

Time utilized by Staff to manage the Safe Streets and Roads for All funded Special Study. An outside consultant will be utilized and contracted to perform the study. Kittleson & Associates have been selected to perform this task. For a comprehensive description of this study, please see the UPWP section titled: Narrative of Safe Streets and Roads for All (SS4A) Continued Funding for a Special Study.

Special Studies: Consultant – 2027-2031 Strategic Plan Update – \$15,000

Anticipated funds to hire an outside consultant to assist in developing the WMPO's 2027-2031 Strategic Plan.

Special Studies: Consultant – Compensation Analysis – \$6,300

Anticipated contracted amount to hire a consultant to perform a Compensation Analysis update.

An HR Consultant will compile a competitive market-based compensation analysis for the WMPO's current positions. This study will review the WMPO's existing job descriptions to understand each position's key responsibilities, requirements, levels within respective career progressions, and place within the organizational reporting and decision-making hierarchy.

The result will be a market analysis of current staff positions and compensation against similar organizations to ensure the WMPO is in line with our peers. In addition, the consultant will provide strategies that bolster internal equitable compensation and support the WMPO's ability to recruit and retain skilled employees necessary to meet the federal requirements and overall functions of the MPO.

III-E Management, Operations, & Program Support Admin Line-Item Codes:
\$1,353,761

II-B-3 Management & Operations: \$1,302,139

Management & Operations – Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

III-E Indirect Costs: \$51,622

Indirect Costs – Indirect Costs are costs to the Lead Planning Agency that are not direct costs and are not related to a specific activity but are shared costs across multiple activities. These are costs incurred for a common or joint purpose benefiting more than the one cost objective, and not readily assignable to the cost objective specifically benefitted, without effort disproportionate to the results achieved. The de minimis indirect cost rate as of October 1, 2024, is 15%, however a lower de minimis cost rate may be applied. The negotiated indirect cost rate negotiated between the City of Wilmington (Lead Planning Agency) and WMPO for FY 26 is 3.5% of the Modified Total Direct Cost.

Narrative of Safe Streets and Roads for All (SS4A)

Continued Funding for a Special Study

(Primary work to be performed by a contracted consultant.)

The federal Infrastructure Investment and Jobs Act (IIJA) established the new Safe Streets and Roads for All (SS4A) discretionary program with \$5 billion to be dispersed over the life of the program. The grant program funds are to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation, personal conveyance, and micro-mobility users; motorists; and commercial vehicle operators.

The SS4A program provides funding for the completion of Comprehensive Safety Action Plans and Implementation. To access the implementation funding, a Comprehensive Safety Action Plan meeting the USDOT standards must first be completed. Applications are accepted annually. The estimated cost to complete A Comprehensive Safety Action Plan for the Wilmington MPO's planning area is \$500,000. The grant provides federal funding in the amount of 80% and requires a 20% local match. The North Carolina Department of Transportation is not an eligible applicant but committed to provide \$50,000 in funding as a contribution towards the MPO's local match. The WMPO's members will provide the remaining \$50,000 local match. The match requirements from NCDOT and MPO members were committed in the FY 24 UPWP and the WMPO applied during the SS4A FY 24 funding cycle call for \$400,000 to develop a regional Comprehensive Safety Action Plan. The grant was awarded in December 2023 and development of the plan will begin in 2025.

Following adoption of the Comprehensive Safety Action Plan, this plan will provide an opportunity for our members with the ability to seek SS4A Implementation funding to improve and enhance safety in the communities served by the MPO.

II-B Planning Process Line-Item Codes:

II-B-3 Special Studies: \$500,000

Special Studies: Consultant - Safe Streets for All – Kittleson & Associates will be contracted to complete a Comprehensive Safety Action Plan.

Tables of FTA Section 5303

(Primary work to be performed by WMPO staff and WAVE staff.)

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-A-1
Title	Networks and Support Systems
5303 Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Transit System Data - Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,610
Section 5303 NCDOT 10%	2,610
Section 5303 FTA 80%	20,880
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-A-3
Title	Transportation Modeling
5303 Task Objective	Financial Planning - Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Financial Planning – Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	750
Section 5303 NCDOT 10%	750
Section 5303 FTA 80%	6,000
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-B-2
Title	Regional Planning
5303 Task Objective	Community Goals & Objectives – Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Community Goals & Objectives – Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	380
Section 5303 NCDOT 10%	380
Section 5303 FTA 80%	3,040
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	II-B-2
Title	Regional Planning
5303 Task Objective	Transit Element of the LRTP – Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Transit Element of the LRTP – Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	90
Section 5303 NCDOT 10%	90
Section 5303 FTA 80%	720
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-1
Title	Title VI Compliance
5303 Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	140
Section 5303 NCDOT 10%	140
Section 5303 FTA 80%	1,120
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-3
Title	Minority Business Enterprise
5303 Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	60
Section 5303 NCDOT 10%	60
Section 5303 FTA 80%	480
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-C-6
Title	Public Involvement
5303 Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE)
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	390
Section 5303 NCDOT 10%	390
Section 5303 FTA 80%	3,120
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-E
Title	Management & Operations
5303 Task Objective	Management & Operations - MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (CFPTA) aka Wave Transit
Responsible Agency	CFPTA (WAVE) & WMPO
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	6,750
Section 5303 NCDOT 10%	6,749
Section 5303 FTA 80%	53,995
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	44.21.00 - Program Support Administration
Task Code	III-E
Title	Management & Operations
5303 Task Objective	Indirect Costs – Indirect Costs are costs to the Lead Planning Agency that are not direct costs and are not related to a specific activity but are shared costs across multiple activities. These are costs incurred for a common or joint purpose benefiting more than the one cost objective, and not readily assignable to the cost objective specifically benefitted, without effort disproportionate to the results achieved. The de minimis indirect cost rate as of October 1, 2024, is 15%, however a lower de minimis cost rate may be applied. The negotiated indirect cost rate negotiated between the City of Wilmington (Lead Planning Agency) and WMPO for FY 26 is 3.5% of the Modified Total Direct Cost.
Tangible Product Expected	Indirect Costs –Cost is to cover the LPA's indirect costs associated with administering the 5303 Grant.
Expected Completion Date of Products	June 2026 1 Year Contract
Previous Work	
Relationship	Per MTDC rules, the indirect cost is can only be applied to \$50,000 of WAVE's \$80,253 passthrough funds. $(50,000 \text{ Wave Funds} + 34,395 \text{ WMPO funds}) \times 3.5\% = \$2,954$
Responsible Agency	City of Wilmington
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	296
Section 5303 NCDOT 10%	295
Section 5303 FTA 80%	2,363
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Narrative of Additional Local Only Participation

(Primary work to be performed by WMPO staff except where noted.)

As part of the FY 26 UPWP, staff recommends our members contribute non-grant related funds for non-grant related expenses.

II-B-3 Special Studies: \$100,000

Special Studies: Local Only – Pilot Program for Grant Assistance – \$100,000.

The Bipartisan Infrastructure Law (BIL) authorized \$1.2 trillion for transportation and infrastructure with \$550 billion for new investments. In addition, the Inflation Reduction Act (IRA) directed \$500 billion towards clean energy initiatives, healthcare reduction, and increased tax revenues. A portion of funding from each of these laws has been directed to discretionary grants that are administered through the US Department of Transportation (USDOT). MPOs are eligible grant recipients for some of these grant opportunities, while our members (municipalities and counties) are eligible for some of the same as well as other grant opportunities.

The WMPO hired HDR to complete an analysis and determine potential opportunities that would be applicable for the WMPO. HDR presented these potential opportunities to the WMPO Board on June 26, 2024. There is a cost associated with the WMPO and/or our members applying for these potential grant opportunities. The Grant Assistance Pilot Program (\$100,000) is being established to provide the MPO and our members with funding assistance to cover the expenses related to transportation grant application submittal.

III-E Management, Operations, & Program Support Admin Line-Item Codes: \$79,000 (TBD)

Management & Operations – Administrative tasks and operational costs to support WMPO non-grant funded activities and initiatives.

These funds will allow us to maximize our public outreach efforts through the use of promotional items, prizes awarded for public participation in WMPO sponsored events, and the ability to provide light refreshments during public engagement events. In addition, the WMPO proposes to continue to contract with a lobbying firm to advance the WMPO Board's legislative priorities at the state and federal levels.

Neither promotional items, refreshments, nor lobbying are allowable grant funded expenses and require the use of funding from the WMPO's local members that are not associated with any grant or grant match funds.

WMPO 2025 - 2026 UPWP Administrative Table

WMPO FY26 Task and Cost Allocations			FHWA/TPD Planning - PL104(f)			FHWA/TPD Planning - PL-Y410	FHWA/TPD Planning - STBG-DA			FHWA - Safe Streets & Roads 4 All				FTA/IMD - 5303 - Planning				Additional	FY26 PROGRAM TOTALS			
			WBS #: TBD			WBS #: TBD	WBS #: TBD			State WBS # 51360 / Federal Award # 693JJ32540101				WBS #: TBD				Funds				
FTA CODE	TASK CODE	TASK DESCRIPTION	Local	Federal	Total	Federal Total	Local	Federal	Total	Local	State	Federal	Total	Local	State	Federal	Total	Local (100%)	Local Totals	State Totals	Federal Totals	Grand
			20%	80%	100%	100%	20%	80%	100%	10%	10%	80%	100%	10%	10%	80%	100%					
	II-A	Data and Planning Support	20,660	82,640	103,300	-	18,760	75,040	93,800	-	-	-	-	3,360	3,360	26,880	33,600	-	42,780	3,360	184,560	230,700
44.24.00	II-A-1	Networks and Support Systems	20,160	80,640	100,800	-	18,760	75,040	93,800	-	-	-	-	2,610	2,610	20,880	26,100	-	41,530	2,610	176,560	220,700
44.23.01	II-A-2	Travelers and Behavior	260	1,040	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	260	-	1,040	1,300
44.23.02	II-A-3	Transportation Modeling	240	960	1,200	-	-	-	-	-	-	-	-	750	750	6,000	7,500	-	990	750	6,960	8,700
44.23.02	II-B	Planning Process	12,700	50,800	63,500	7,913	5,260	21,040	26,300	-	-	-	-	470	470	3,760	4,700	100,000	118,430	470	83,513	202,413
44.23.02	II-B-1	Target Planning	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.23.01	II-B-2	Regional Planning	9,300	37,200	46,500	-	-	-	-	-	-	-	-	470	470	3,760	4,700	-	9,770	470	40,960	51,200
	Y-410 SATO	Safe and Accessable Transportation Options - Y-410 Set Aside	-	-	-	7,913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,913	7,913
44.27.00	II-B-3	Special Studies: Total	2,000	8,000	10,000	-	5,260	21,040	26,300	-	-	-	-	-	-	-	-	100,000	107,260	-	29,040	136,300
44.27.00	II-B-3	Special Studies: Staff Time - 2027-2031 Strategic Plan & 2050 MTP	2,000	8,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	-	8,000	10,000
44.27.00	II-B-3	Special Studies: Staff Time - Safe Streets & Roads for All	-	-	-	-	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
44.27.00	II-B-3	Special Studies: Consultant - 2027-2031 Strategic Plan Update	-	-	-	-	3,000	12,000	15,000	-	-	-	-	-	-	-	-	-	3,000	-	12,000	15,000
44.27.00	II-B-3	Special Studies: Consultant - Compensation Analysis	-	-	-	-	1,260	5,040	6,300	-	-	-	-	-	-	-	-	-	1,260	-	5,040	6,300
44.27.00	II-B-3	Special Studies: Local Only - Grant Assistance Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000	100,000	-	-	100,000
	III-A	Planning Work Program	400	1,600	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	400	-	1,600	2,000
44.21.00	III-A-1	Planning Work Program	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000
44.24.00	III-A-2	Metrics and Performance Measures	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000
44.25.00	III-B	Transp. Improvement Plan	2,500	10,000	12,500	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500	-	10,000	12,500
44.25.00	III-B-1	Prioritization	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
44.25.00	III-B-2	Metropolitan TIP	500	2,000	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	500	-	2,000	2,500
44.25.00	III-B-3	Merger/Project Development	1,000	4,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	4,000	5,000
44.27.00	III-C	Cvt Rgts. Cmp./Otr. Reg. Reqs.	4,800	19,200	24,000	-	-	-	-	-	-	-	-	590	590	4,720	5,900	-	5,390	590	23,920	29,900
44.27.00	III-C-1	Title VI Compliance	2,000	8,000	10,000	-	-	-	-	-	-	-	-	140	140	1,120	1,400	-	2,140	140	9,120	11,400
44.27.00	III-C-2	Environmental Justice	600	2,400	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	600	-	2,400	3,000
44.27.00	III-C-3	Minority Business Enterprise Planning	-	-	-	-	-	-	-	-	-	-	-	60	60	480	600	-	60	60	480	600
44.27.00	III-C-4	Planning for the Elderly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.27.00	III-C-5	Safety/Drug Control Planning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.27.00	III-C-6	Public Involvement	2,000	8,000	10,000	-	-	-	-	-	-	-	-	390	390	3,120	3,900	-	2,390	390	11,120	13,900
44.27.00	III-C-7	Private Sector Participation	200	800	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	800	1,000
44.27.00	III-D	Statewide & Extra-Regional Planning	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.27.00	III-D	Statewide & Extra-Regional Planning	1,400	5,600	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400	-	5,600	7,000
44.27.00	III-E	Management Ops. Program Suppt Admin	46,706	186,824	249,700	287	260,428	1,041,711	1,353,761	-	-	-	-	6,750	6,749	53,995	70,448	79,000	406,738	6,749	1,282,530	1,682,163
44.27.00	III-E	Management Operations	46,706	186,824	233,530	-	260,428	1,041,711	1,302,139	-	-	-	-	6,750	6,749	53,995	67,494	79,000	392,884	6,749	1,282,530	1,682,163
44.27.00	III-E	Indirect Costs 3.5% of MTDC	3,234	12,936	16,170	287	10,324	41,298	51,622	-	-	-	-	296	295	2,363	2,954	-	13,854	295	56,884	71,033
FY26 TOTALS:			92,400	369,600	462,000	8,200	294,772	1,179,089	1,473,861	-	-	-	-	11,466	11,464	91,718	114,648	179,000	577,638	11,464	1,648,607	2,237,709
			Local	Federal	Total	Total / Federal	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total
			PL 104(f)			PL Y410 SATO	STBG-DA			Safe Streets for All				5303 - Normal Planning				Additional	Totals			

WMPO FY24 Task and Cost Allocations - Carry Forward			FHWA/TPD Planning - PL104(f)			FHWA/TPD Planning - PL-Y410	FHWA/TPD Planning - STBG-DA			FHWA - Safe Streets 4 All				FTA/IMD - 5303 - Normal Planning				Additional	FY24 CARRY FORWARD TOTALS			
			N/A - Does Not Carry Forward			N/A - Does Not Carry Forward	WBS #: 44094.1.5			State WBS # 51360 / Federal Award # 693JJ32540101				N/A - Does Not Carry Forward				Funds				
FTA CODE	TASK CODE	TASK DESCRIPTION	Local 20%	Federal 80%	Total 100%	Total 100%	Local 20%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local 10%	State 10%	Federal 80%	Total 100%	Local (100%)	Local Totals	State Totals	Federal Totals	Grand Totals
	II-B	Planning Process	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	50,000	50,000	400,000	500,000
44.27.00	II-B-3	Special Studies: Consultant - Safe Streets & Roads for All (SS4A)	-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	50,000	50,000	400,000	500,000
FY 24 CONTINUANCE TOTALS:			-	-	-	-	-	-	-	50,000	50,000	400,000	500,000	-	-	-	-	-	50,000	50,000	400,000	500,000
			Local	Federal	Total	Total	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total
			PL 104(f)			PL Y410 SATO	STBG-DA			Safe Streets for All				5303 - Normal Planning				Additional	Totals			

Combined Total of FY26 and FY24 Continuance			PL 104(f)			PL Y410 SATO	STBG-DA			Safe Streets for All				5303 - Normal Planning				Additional	FY26 & FY24 Combined Total			
			Local	Federal	Total	Total / 100% Federal	Local	Federal	Total	Local	Federal	Federal	Total	Local	State	Federal	Total	Local	Local	State	Federal	Grand Total
TOTALS:			92,400	369,600	462,000	8,200	294,772	1,179,089	1,473,861	50,000	50,000	400,000	500,000	11,466	11,464	91,718	114,648	179,000	627,638	61,464	2,048,607	2,737,709

Anticipated DBE Contracting Opportunities for FY 2026

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky

Telephone Number: 910-342-2781

Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-B-3	FY 26: New Special Studies: Consultant 2027 – 2031 Strategic Plan Update	City of Wilmington	Consultant	\$12,000	\$15,000
II-B-3	FY 26: New Special Studies: Consultant Compensation Analysis	City of Wilmington	Consultant	\$5,040	\$6,300
II-B-3	FY 24: Continuance Special Studies: Consultant Safe Streets & Roads for All	City of Wilmington	Consultant	\$400,000	\$500,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING THE FY 2026 UNIFIED PLANNING WORK
PROGRAM FOR THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION**

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

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

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

WHEREAS, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2025-2026.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2025-2026 Planning Work Program for the Wilmington Urban Area.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 26, 2025.

I, _____, Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 26th day of March 2025.

, Chair

*****Subscribed and sworn to me this _day of_____, 2025.

Notary Public_____ My commission expires_____

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

2025 Wilmington Urban Area Metropolitan Planning Organization (WMPO) Self-Certification Process

Introduction

CFR 450.336 requires the North Carolina Department of Transportation (NCDOT) and the Wilmington Urban Area Metropolitan Planning Organization (MPO) to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their planning processes are addressing the major issues facing the urban area and is being conducted in accordance with all applicable requirements of:

- Section 134 of Title 23 U.S.C., section 8 of the Federal Transit Act (49 U.S.C. app. 1607); and
- Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); and
- Title VI of the Civil Rights Act of 1964 and Title VI assurance executed by each state under 23 U.S.C. 324 and 29 U.S.C. 794; and
- Section 103 (b) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) (Public Law 102-240) regarding the involvement of disadvantaged business enterprises (DBE) in the FHWA and FTA funded planning projects; and
- The provisions of the Americans with Disabilities Act of 1990 (ADA) (Public Law 101-136) 104 Stat. 327, as amended and U.S. DOT regulations “Transportation for Individuals with Disabilities” (49 CFR parts 27, 37, and 38).

In addition, the following checklist was provided by NCDOT to help guide the Wilmington Urban Area MPO as they review their processes and programs for self-certification. There are several transportation acronyms that have been defined above and several more that will be used frequently below including: CFR – Code of Federal Regulations; U.S.C. – United States Code; MTP – Metropolitan Transportation Plan; CMP – Congestion Management Process/Plan; TIP – Transportation Improvement Program; TMA – Transportation Management Area; and, EO – Executive Order.

The MPO’s responses are in **bold**.

Self-Certification Checklist

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance with procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]

Response: Yes.

2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U. S. C. 5303 (c) 23 CFR 450.306 (i)]

Response: Yes.

The Wilmington Urban Area Metropolitan Planning Organization Board (MPO Board) is comprised of 12 elected officials and one appointed member from the NC Board of Transportation. The Cape Fear Public Transportation Authority (Wave Transit) is represented on the WMPO Board by a New Hanover County Commissioner that serves on the Wave Board.

3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the next 20-year forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)]

Response: Yes.

In 2023 the WMPO reviewed its planning area boundary to ensure the recently defined urbanized area (UA) boundary, as designated by the 2020 Decennial Census, and anticipated urbanized area within the next 20 years, were included within its extents. The WMPO Board determined that no changes to the WMPO planning area boundary were necessary.

4. Is there a currently adopted (Unified) Planning Work Program (U/PWP)? 23 CFR 450.314?

Response: Yes.

- a. Is there an adopted prospectus?

Response: Yes.

- b. Are tasks and products clearly outlined?

Response: Yes.

- c. Is the U/PWP consistent with the MTP?

Response: Yes.

Work tasks in the UPWP align with work necessary for the development and implementation of the adopted MTP.

- d. Is the work identified in the U/PWP completed in a timely fashion?

Response: Yes.

5. Does the urban area have a valid transportation planning process?

23 U.S.C. 134; 23 CFR 450

Response: Yes.

As indicated in the WMPO's 2023 federal certification review.

a. Is the transportation planning process continuous, cooperative, and comprehensive?

Response: Yes.

b. Is there a valid MTP?

Response: Yes.

c. Did the MTP have at least a 20-year horizon at the time of its adoption?

Response: Yes.

d. Does it address the 10 planning factors?

Response: Yes.

e. Does it cover all modes of transportation applicable to the area?

Response: Yes.

f. Is it financially constrained?

Response: Yes.

g. Does it include funding for the maintenance and operation of the system?

Response: Yes.

h. Does it conform to the State Implementation Plan (SIP) if applicable?

Response: Yes.

i. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)?

Response: Yes.

The currently adopted MTP, Cape Fear Moving Forward 2045 was adopted by the WMPO Board on November 18, 2020. Work is underway on the development of the WMPO's next MTP, Cape Fear Navigating Change 2050, to be adopted by November 18, 2025.

6. Is there a valid TIP? 23 CFR 450.324, 326, 328, 332

Response: Yes.

a. Is it consistent with the MTP?

Response: Yes.

b. Is it fiscally constrained?

Response: Yes.

Please see 5f above.

- c. Is it developed cooperatively with the state and local transit operators?
Response: Yes.
 - d. Is it updated at least every 4 years and adopted by the MPO and Governor?
Response: Yes.
7. Does the urban area have a Congestion Management Process (CMP)? (TMA only)
23 CFR 450.320
Response: Yes.
- a. Is it consistent with the MTP?
Response: Yes.
 - b. Was it used for the development of the TIP?
Response: Yes.
 - c. Is it monitored and reevaluated to meet the needs of the area?
Response: Yes.
The process and system performance are reviewed and reported every five years.
8. Does the urban area have a process for including environmental mitigation discussions in the planning process?
Response: Yes.
- a. How?
Response: In consultation with NCDOT.
 - b. Why not?
Response: N/A.
9. Does the planning process meet the following requirements:
- a. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart?
Response: Yes
 - b. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93
Response: N/A
 - c. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21
Response: Yes
 - d. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity
Response: Yes

- e. The appropriate sections of the current federal transportation funding bill regarding the involvement of disadvantaged business enterprises in USDOT funded projects
Response: Yes
 - f. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
Response: Yes
 - g. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38
Response: Yes
 - h. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
Response: Yes
 - i. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender
Response: Yes
 - j. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities
Response: Yes
 - k. All other applicable provisions of Federal law. (e.g. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations)
Response: Yes
10. Does the urban area have an adopted Public Involvement Plan (PIP)/Public Participation Plan? 23 CRR 450.316 (b)(1)
Response: Yes.
- a. Did the public participate in the development of the PIP?
Response: Yes.
 - b. Was the PIP made available for public review for at least 45-days prior to adoption?
Response: Yes.
 - c. Is adequate notice provided for public meetings?
Response: Yes.
 - d. Are meetings held at convenient times and at accessible locations?
Response: Yes.
 - e. Is the public given an opportunity to provide oral and/or written comments on the planning process?
Response: Yes.

f. Is the PIP periodically reviewed and updated to ensure its effectiveness?

Response: Yes.

It was amended in January 2023.

g. Are plans/program documents available in an electronic format, i.e. MPO website?

Response: Yes.

They are available at WMPO.org and GoCoastNC.org

11. Does the area have a process for including environmental, state, other transportation, historic, local land use, and economic development agencies in the planning process? (23 CFR 450.324(h))

Response: Yes.

a. How?

Response: The Technical Coordinating Committee (TCC) includes representation from several of these agencies. The TCC reviews and provides recommendations to the WMPO Board on all planning processes and activities. Additionally, the WMPO's MTP is guided by a technical steering committee with representatives from additional relevant agencies.

b. Why not?

Response: N/A.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 26th day of March 2025.

, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AMENDING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION’S 2025 TECHNICAL COORDINATING
COMMITTEE(TCC)/WMPO BOARD 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; and

WHEREAS, the 2025 meeting calendar was adopted on November 20, 2024; and

WHEREAS, the WMPO desires to amend the meeting calendar to change the April 16. 2025 TCC meeting to April 9, 2025 due to a conflict; and

WHEREAS, the WMPO desires to add a joint Regular meeting of TCC and WMPO Board at 1:30 pm on June 25, 2025; and

WHEREAS, the WMPO desires to add a Regular meeting of the WMPO Board at 10 am on December 3, 2025.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby amends the Wilmington Urban Area Metropolitan Planning Organization’s 2025 Technical Coordinating Committee (TCC)/WMPO Board meeting calendar.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on January 29, 2025.

, Chair

Mike Kozlosky, Secretary

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

STATEWIDE PROJECT

STIP MODIFICATIONS

* R-5753 STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP) CONSTRUCTION AND EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS (ERFO). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.	FY 2025 - \$677,000 (ERFO) FY 2025 - \$11,500,000 (FLTP) FY 2026 - \$12,791,000 (FLTP) FY 2027 - \$5,992,000 (ERFO) FY 2027 - \$21,059,000 (FLTP) FY 2028 - \$6,500,000 (FLTP) \$58,519,000
		<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	
TA-6665 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5311 CAPITAL PROJECTS FOR RURAL CAPITAL AREAS	FY 2025 - \$10,000,000 (S) FY 2025 - \$10,000,000 (L) FY 2025 - \$42,000,000 (5311) \$62,000,000
		<u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	
TC-0008 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR CONSTRUCTION FACILITY CONSTRUCTION	FY 2025 - \$100,000 (L) FY 2025 - \$400,000 (5339) \$500,000
		<u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

STATEWIDE PROJECT

STIP MODIFICATIONS

TC-0010 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <u>MODIFY FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CONSTRUCTION	FY 2025 - \$1,400,000 (L) FY 2025 - <u>\$4,200,000</u> (5339) \$5,600,000
TC-0018 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5310 CAPITAL PROJECTS FOR RURAL AND URBAN AREAS. <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2025 - \$5,000,000 (S) FY 2025 - \$5,000,000 (L) FY 2025 - <u>\$10,000,000</u> (5310) \$20,000,000
TC-0021 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5339 STATEWIDE RURAL <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2025 - \$7,000,000 (S) FY 2025 - \$7,000,000 (L) FY 2025 - <u>\$13,000,000</u> (5339) \$27,000,000
TM-0023 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, INTEGRATED MOBILITY DIVISION STATE ADMINISTRATION FUNDS TO SUPPORT THE IMD WITH PROVIDING SUBRECIPIENT MONITORING AND OVERSIGHT AND PROVIDE TECHNICAL ASSISTANCE IN THE DEVELOPMENT OF PROJECTS AND PLANS FOR SMALL URBAN AND RURAL AREAS(5310 ADMIN/OPERATING/CAPITAL PURCHASE SERVICE) <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - <u>\$6,000,000</u> (5310) \$6,000,000

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

STATEWIDE PROJECT

STIP MODIFICATIONS

TM-0027 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - \$7,000,000 (S) FY 2025 - \$7,000,000 (L) FY 2025 - <u>\$28,000,000</u> (5311) \$42,000,000
TM-0028 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 OPERATING FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2025 - \$5,000,000 (L) FY 2025 - <u>\$10,000,000</u> (5311) \$15,000,000
TM-0029 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 STATE ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - <u>\$7,000,000</u> (5311) \$7,000,000
TM-0031 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, RTAP STATEWIDE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - \$700,000 (S) FY 2025 - <u>\$1,400,000</u> (RTAP) \$2,100,000
TM-0032 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2025 - \$10,000,000 (S) FY 2025 - \$30,000,000 (L) FY 2025 - <u>\$30,000,000</u> (5311) \$70,000,000

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* HS-2403B DUPLIN NEW HANOVER ONslow PENDER SAMPSON PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 53; US 117; NC 111, VARIOUS LOCATIONS ALONG ROUTES. INSTALL CENTER AND EDGELINE SINUSOIDAL RUMBLE STRIPS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2026 -	<u>\$6,230,000</u> \$6,230,000	(HSIP)
* HS-2403G NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17/76 (OLEANDER DRIVE), AT COUNTRY CLUB ROAD IN WILMINGTON. INSTALL NEAR SIDE SIGNAL HEAD AND UPGRADE TRAFFIC SIGNAL. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2025 -	<u>\$36,000</u> \$36,000	(HSIP)
* HS-2403K PENDER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17, AT SR 1561 (SLOOP POINT ROAD) NORTHEAST OF HAMPSTEAD. INSTALL TRAFFIC SIGNAL. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2026 - FY 2026 - FY 2026 -	\$10,000 \$2,000 <u>\$223,000</u> \$235,000	(HSIP) (HSIP) (HSIP)

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

STATEWIDE PROJECT

STIP MODIFICATIONS

TO-0004 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, SYSTEM SAFETY OVERSIGHT GRANT FOR CAPITAL NCDOT RAIL DIVISION. <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	FY 2025 - \$800,000 (S) FY 2025 - \$2,200,000 (SSO) FY 2026 - \$500,000 (S) FY 2026 - <u>\$1,000,000</u> (SSO) \$4,500,000
TQ-6954 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5310 OPERATING PROJECTS FOR RURAL OPERATIONS AREAS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	FY 2025 - \$7,000,000 (L) FY 2025 - <u>\$10,000,000</u> (5310) \$17,000,000
TU-0011 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, NCDOT-IMD SECTION 5304 PROGRAM FUNDS PLANNING TO SUPPORT THE INTEGRATED MOBILITY DIVISION URBAN TRANSIT TECHNICAL ASSISTANCE ACTIVITIES. <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	FY 2025 - \$3,000,000 (S) FY 2025 - \$3,000,000 (L) FY 2025 - <u>\$8,000,000</u> (5303) \$14,000,000

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* U-5734 NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 421 (SOUTH FRONT STREET), US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2025 -	\$636,000	(BGANY)
				FY 2026 -	\$7,637,000	(BGANY)
				FY 2027 -	\$7,637,000	(BGANY)
				FY 2028 -	\$7,637,000	(BGANY)
				FY 2029 -	\$12,252,000	(BGANY)
			UTILITIES	FY 2025 -	\$1,600,000	(BGANY)
				FY 2026 -	\$1,600,000	(BGANY)
			CONSTRUCTION	FY 2027 -	\$4,500,000	(BGANY)
				FY 2028 -	\$17,250,000	(BGANY)
				FY 2029 -	\$12,000,000	(BGANY)
				FY 2030 -	<u>\$3,750,000</u>	(BGANY)
					\$76,499,000	
* EB-5600 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1219 (SOUTH 17TH STREET), HARBOUR DRIVE TO SHIPYARD BOULEVARD. CONSTRUCT MULTI-USE PATH. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2025 -	\$590,000	(BGANY)
				FY 2025 -	\$148,000	(L(M))
				FY 2026 -	\$2,400,000	(BGDA)
				FY 2026 -	<u>\$600,000</u>	(L(M))
					\$3,738,000	

**Proposed Modifications to
2024-2033 STIP/MPO TIP Programs
Modification #25-1**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* U-5710 NEW HANOVER PROJ.CATEGORY STATEWIDE	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74 (EASTWOOD ROAD), SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE. <u>DELAY UTILITIES FROM FY 23 TO FY 25 AT THE REQUEST OF THE DIVISION. THIS ACTION ADDS UTILITIES TO THE FEDERALLY APPROVED STIP.</u>	RIGHT-OF-WAY	FY 2025 -	\$6,760,000	(NHP)
				FY 2026 -	\$1,690,000	(NHP)
				FY 2027 -	\$1,690,000	(NHP)
			UTILITIES	FY 2025 -	\$2,000,000	(NHP)
				FY 2026 -	\$2,000,000	(NHP)
			CONSTRUCTION	FY 2026 -	\$605,000	(NHP)
				FY 2027 -	\$20,807,000	(NHP)
				FY 2028 -	\$19,029,000	(NHP)
				FY 2029 -	\$13,461,000	(NHP)
				FY 2030 -	<u>\$6,598,000</u>	(NHP)
					\$74,640,000	
U-5792 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117 / NC 132 (COLLEGE ROAD), US 17 BUSINESS (MARKET STREET) TO SR 2048 (GORDON ROAD). UPGRADE ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY AND UTILITIES FROM FY 25 TO FY 26 AND CONSTRUCTION FROM FY 28 TO FY 29.</u>	RIGHT-OF-WAY	FY 2026 -	\$1,330,000	(T)
				FY 2027 -	\$7,982,000	(T)
				FY 2028 -	\$7,982,000	(T)
				FY 2029 -	\$5,986,000	(T)
				FY 2030 -	\$5,820,000	(T)
			UTILITIES	FY 2026 -	\$1,600,000	(T)
				FY 2027 -	\$1,600,000	(T)
			CONSTRUCTION	FY 2029 -	\$9,407,000	(T)
				FY 2030 -	\$31,429,000	(T)
				FY 2031 -	\$28,389,000	(T)
				FY 2032 -	\$23,149,000	(T)
				FY 2033 -	<u>\$17,226,000</u>	(T)
					\$141,900,000	

WILMINGTON URBAN AREA MPO
January 2025

CAPE FEAR NAVIGATING CHANGE

Project Description/Scope: The WMPO has begun the planning process for our region's 2050 Metropolitan Transportation Plan (MTP), Cape Fear Navigating Change 2050. A long-range Metropolitan Transportation Plan for the region is federally required and must be developed, updated, and adopted by the WMPO every five years. The final plan will be used by federal, state, and local governments to guide decision-making for transportation projects in our region over the next 25 years, including which projects receive state or federal funding, the design and location of local roadways, coordinating land use and development, and identifying projects for further plans and studies. Planning activities began in April of 2023 with plan adoption expected in November of 2025.

2050 MTP Financial Element

WMPO staff is continuing to work with consultant Kimley-Horn on identifying cost estimates for draft projects, exploring alternative funding sources, and fiscally constraining roadway projects. The financial element entails a review process to assess alignment between submitted modal projects to available funding and overall fiscal feasibility.

Project Status and Next Steps:

- Initial cost estimation and fiscal constraints for submitted roadway projects have been received and reviewed by staff.
- Initial revenue forecasting for all modes has been received and reviewed by staff.
- WMPO staff worked with consultants Kimley-Horn and NCDOT Transportation Planning Division to run three fiscally constrained roadway project scenarios through the 2050 Travel Demand Model.
- Kimley-Horn presented the three fiscally constrained roadway project scenarios to the WMPO Board at its October meeting. The preferred fiscally constrained roadway project scenario was adopted at the November Board meeting.
- Ongoing efforts regarding alternative funding analysis, including proposed funding opportunities, were summarized at the November Board meeting, and will be presented in detail to the Board at their January meeting for endorsement.

2050 MTP Modal Appendices

WMPO staff have begun drafting the modal appendices for the 2050 MTP. These appendices are written for each transportation element and build from what is included in the main text of the document. So far, WMPO staff have completed a draft of the Aviation, Bicycle and Pedestrian, Ferry, and Rail Elements and are continuing work on the Roadway Element.

Project Status and Next Steps:

- WMPO staff are conducting research on current trends within each element, including legislation, technological advancements, recommendations for implementation, and more.
- The appendices also include fiscally constrained project lists, as well as full project lists that are prioritized according to the adopted goals and objectives.
- Modal policy will also be included in the appendices for each mode.
- Next steps include concluding research and putting together text and photos/illustrations.
- A draft of the 2050 MTP which includes these appendices will be provided to the TCC and MTPC in Summer 2025.

NCDOT IMD FEASIBILITY STUDY GRANTS

In July 2022, the North Carolina Department of Transportation (NCDOT) was allocated \$2 million in one-time funding from the North Carolina General Assembly to establish a Paved Trails Feasibility Study Program. The Integrated Mobility Division (IMD) was also awarded \$500,000 in State Planning and Research (SP&R) funds to support sidewalk and shared-use path feasibility studies. The purpose of the Paved Trails and Sidewalk Feasibility Studies Grant Program is to improve the pipeline of bicycle and pedestrian projects accessing state and federal funding, resulting in successful implementation of projects led by communities prioritizing multimodal infrastructure.

Wilmington Downtown Trail Phases 2 & 3:

The Downtown Trail will eventually connect the River to Sea Bikeway to the future Multimodal Transportation Center, Cape Fear Community College, and the Riverwalk. In between these locations, the trail will provide a recreational facility for several communities in proximity to the downtown. The project currently consists of three phases. The first phase, from 3rd Street to Archie Blue Park, is in the preliminary engineering phase. The purpose of this study would be to assess the feasibility of constructing Phases 2 and 3. A scoping meeting with NCDOT IMD and the selected consultant, Kittelson, was held on May 2, 2023.

Project Status and Next Steps:

- The first steering committee took place on October 17, 2023.
- The first public outreach sessions took place October-December 2023. Public engagement consisted of in-person events and an online survey that included an online comment map. In all, 486 survey responses were collected, 352 map comments were received, and 59 in-person conversations were conducted.
- The second steering committee meeting was held May 8, 2024.
- The second public outreach session was conducted during summer 2024. Public engagement consisted of two in-person events (listed below) and an online survey open June through July 15, 2024. 500 survey responses were received with 58 in-person conversations.
- Frankie's Outdoor Market, 6/15/24
- Nir Family YMCA, 6/18/24
- The final steering committee meeting took place Wednesday, October 9, 2024.
- Draft study report anticipated in winter 2025.

Gullah Geechee Heritage Trail:

The purpose of this study would be to assess the feasibility of constructing a 10'-12' multi-use path facility in the Gullah Geechee Heritage Corridor from Phoenix Park in Navassa to Brunswick Nature Park in unincorporated Brunswick County. The Gullah Geechee Heritage Corridor is designated as a Cultural Heritage Area by U.S. Congress, presenting an opportunity to educate the public about the history of the Gullah Geechee people and highlight historical sites within Brunswick County. A scoping meeting with NCDOT IMD and the selected consultant, Kittelson, was held on May 2, 2023.

Project Status and Next Steps:

- The first steering committee took place in September 2023.
- The first public outreach sessions took place during September/October 2023. There was an online survey open through the entire month of October as well. 370 surveys were completed with 120+ in-person conversations during this round of public outreach.
- The second steering committee took place on January 4, 2024.
- The second public outreach session took place in March 2024. An online survey, which received 137 responses, was available throughout March and three public meetings were held to collect input.

- The third and final steering committee meeting was held on June 12, 2024. The steering committee was provided a presentation on the draft recommended preferred alignment.
- The final study report was received on August 6, 2024.
- Presentations to the WMPO Board and four Brunswick County jurisdictions in Fall 2024/Winter 2025 prior to requesting consideration by governing boards for adoption.

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:

Site Plan Reviews:

- New Hanover County Formal Plan Reviews: 6 reviews
- New Hanover County Informal Plan Reviews: 1 review
- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 10 reviews
- Town of Leland Informal Reviews: 1 reviews
- Town of Navassa Formal Plan Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Belville Formal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Town of Carolina Beach Concept Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- Pender County Formal Reviews: 6 reviews
- Pender County Informal Reviews: 3 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 50 reviews (7 new, 43 on-going)
- City of Wilmington Informal Reviews: 10 reviews (2 new, 8 on-going)
- City of Wilmington Concept Reviews: 0 review (0 new, 0 on-going)
- City of Wilmington Full Releases: 2

TIA Reviews: 41 total active (4 new; 34 under review; 2 approved, 1 Waiver)

- New Hanover County 12 (1 new, 10 under review, 1 approved), Biggers Market- Approved, Cape Fear RaceTrac C-Store -New
- City of Wilmington 11 (0 new, 10 under review, 0 approved, 1 waived) Midtown YMCA -Waiver
- Carolina Beach 1, (0 new, 1 under review, 0 approved),
- Town of Belville 0,
- Town of Leland 5 (0 new, 4 under review, 1 approved) Chappell Loop Road, Lanvale WAWA (Revised)- Approved,
- Town of Navassa 0, (0 new, 1 under review,0 approved)
- Pender County 8 (3 new, 5 under review, 0 approved) (Integrity Bus. Park, Hampstead Shopping Center, Scotts Hill Commercial, new)
- Brunswick County 4 (0 new, 4 under review, 0 approved)

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

BL-0040 NEW HANOVER COUNTY - Middle Sound Loop Extension/Connector Construction & Porters Neck Walmart Connector Construction

Project Description/Scope: construction of bicycle/pedestrian trails along Middle Sound Loop Road from Red Cedar Road to Publix commercial lot. Also construct trails along US 17 Business (Market Street) from Mendenhall Drive to Porter's Neck Wal-Mart commercial lot.

Project Status and Next Steps:

- NCDOT has approved the encroachment agreement presented by NHC
- 90% construction plans have been reviewed and approved by DOT
- 100% construction plans have been presented and NHC is waiting on final approval by NCDOT
- New Hanover County updated the categorical exclusion documentation for another year
- General Stormwater Discharge Permit for Construction Activities has been renewed and reissued for another year
- New Hanover County is prepared to send bidding documents out to contractors but need final approval from NCDOT to proceed
- Anticipate construction in March 2025 (9 mos. construction)

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 ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Duke Energy Utility Relocations - In Progress
- Construction Authorization obtained December 19, 2024
- Advertise for Bid – January 2025
- Begin Construction – June 2025
- Construction Complete – June 2026

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 ROW Certification obtained November 23, 2023
- Construction Authorization obtained December 19, 2024
- Advertise for Bid – January 2025
- Begin Construction – June 2025
- Construction Complete – June 2026

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 ROW Certification obtained November 23, 2023
- Utility Authorization obtained January 4, 2024
- Duke Energy Utility Relocations - In Progress
- Construction Authorization obtained December 19, 2024
- Advertise for Bid – January 2025
- Begin Construction – June 2025
- Construction Complete – June 2026

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

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

Project Status and Next Steps:

- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- Punch Walk took place on 10/09/24.
- Punch list was sent out 10/14/24 to General Contractor.
- Contractor had to order some materials and is presently working on the punch list.
- Anticipated completion was by 11/15/24.
- Punch List Items were completed and the one-year warranty started on 12/27/24.

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:

- Final plans & contract documents are being prepared for NCDOT review & approval
- CE Document has been approved - Based on recent meeting with NCDOT, an updated form will be needed. Consultant has been instructed to provide to the Town for upload to EBS.
- Right-of-way Certification has been received from NCDOT.
- Plans have been requested to be updated to current standards. The Town's consultant will be following up to meet this request. Encroachment agreement will be addressed as part of this.
- Request for construction funds authorization will be coming once the updated form for the CE document, plans have been revised, and updated estimate submitted and approved by NCDOT.

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.
- 100% plans completed.
- Supplemental Funding Agreement approved by WMPO, NCDOT and City Council. Execution of the agreement is in progress.

- Project has received a 2-year extension to April 30, 2027, from NCDOT to allow additional funding requests, bidding, construction, and closeout.
- Expected project bid date is April 2025.

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

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

Project Status and Next Steps:

- NCDOT funding availability reopened January 25, 2021
- Town Council elected to move forward with the project
- 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 presented 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 prequalified engineering firms with a response deadline of June 8, 2022
- Responses to RFLOI reviewed 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 KHA for Scope of Services and Project Engineer Design Estimate.
- The Town has uploaded documentation via EBS portal for review and approval.
- The Town has obtained NCDOT approval in January 2023
- Project meeting with consultant held March 2023
- Project survey completed in July 2023
- Received 30% plans from Kimley Horn and submitted via EBS.
- FY24 grant awarded for estimated construction costs
- April 17 supplemental agreement has been fully executed.
- The Town, with Kimley Horn, held a public meeting April 23, 2024.
- Received approval for change request to add ROW as eligible expense.
- TOCB/NCDOT and consultant met on May 30, 2024, to discuss the status of the project
- Received 75% plans from Kimley Horn, submitted via EBS.
- Received supplemental agreement for ROW/TCE from Kimley Horn, submitted unexecuted copy via EBS.
- July 11, 2024, had a meeting with Kimley Horn to discuss Town comments on the 75% plans.
- Returned the signed supplemental agreement for acquisition of temporary construction easements to Kimley Horn and submitted via EBS.
- Executed supplemental agreement with Kimley Horn for GPR survey and submitted via EBS
- On December 3rd, the Town held a virtual meeting with Kimley Horn to discuss the GPR results and determine which areas the path material needs to be changed to concrete due to the sanitary sewer force main conflicts.

BL-0118 North College Road Pedestrian Improvements

Project Description/Scope: Project consists of the construction of a ten-foot wide, two-plus mile MUP along N. College from Gordon Road to Northchase Parkway West. In addition, it includes a sidewalk on the east side of N. College from Sirius Drive to Murrayville Road and New Village Way to the signalized intersection at Danny Pence Drive.

Project Status and Next Steps:

- Right of way acquisition underway- 14/15 (93%) properties signed and completed (all 15 property owners have been contacted)
- 90% design plans submitted to NCDOT for review and comment
- Level A SUE completed - identified potential utility conflicts (those have been ratified and a fix has been formulated)
- New design will eliminate the need for a PDE at one location
- New crossing pattern at Bavarian/Murrayville Intersection is being considered
- Design completion anticipated by March 2025

HL-0109 3rd Street/Ann Street Traffic Signal

Project Description/Scope: Project consists of the installation of a traffic signal at the intersection of 3rd Street and Ann Street in downtown Wilmington.

Project Status and Next Steps:

- Private Engineering Firm is currently working on the signal designs
- Tentatively planning to let this and 3rd/Orange projects together next spring

HL-0110 3rd Street/Orange Street Traffic Signal

Project Description/Scope: Project consists of the installation of a traffic signal at the intersection of 3rd Street and Orange Street in downtown Wilmington.

Project Status and Next Steps:

- Private Engineering Firm is currently working on the signal designs
- Tentatively planning to let this and 3rd/Ann together next spring

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
- Award of contract to City on-call engineering consultant (WSP) by City Council on September 6, 2022.
- Notice to proceed issued on October 2, 2022.
- Supplemental scope of services for project management activities, NCDOT and CSX rail coordination, and additional survey tasks submitted on April 13, 2023, with NTP on additional services issued on June 12, 2023.
- Agreement reached with CSX regarding the trail crossing design and safety measures at King Street. Coordination for location of trail outside of King Street right-of-way continues between the City and CSX.

- NCDOT Rail Division contracted with WSP and has developed conceptual track and trail alignment within the corridor between 3rd Street and McRae Street. Verbal concurrence with this alignment has been given by NCDOT Rail Division.
- Draft MOU between NCDOT Rail and City of Wilmington pertaining to the future trail section within Wilmington Lead Corridor has been drafted by NCDOT, reviewed by City Staff, and sent to NCDOT for final review.
- City staff and WSP to provided presentations to both the Deputy City Manager and Design Review Committee in June on the City's coordination efforts during the past 18 months, project next steps, and remaining obstacles.
- A public input opportunity was held July 21 through September 13. The public was invited to review updated information about the design's development on the projects website and provide comments through a brief input survey or by attending one of two in person public meetings held in July and August. During this period, 79 survey responses were received. Themes heard from review of the responses included the need for amenities such as lighting, wayfinding signage, and public safety call boxes, as well as support for incorporating the history of Wilmington and the Northside and Love Grove neighborhood through sign markers and art.

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:

- Project kick-off meeting in March 2023
- Contract approved by Kure Beach Town Council in June 2023
- Meeting with NCDOT, WMPO, WithersRavenel, and Town of Kure Beach was held on August 8, 2023
- Survey started in September 2023
- 90% plans will be completed by November 2024
- ROW discussions in October/November 2024
- Pedestrian signal plans to be completed by January 2025
- Target completion date for 100% final design is January/February 2025

BL-0074 – TOWN OF LELAND- US 17 Pedestrian crossing at Olde Waterford Way/Ploof Road

Project Descriptions/Scope: Installation of signalized pedestrian crossing at the intersection of US 17/Olde Waterford Way/Ploof Road in Leland, NC

Project Status and Next Steps:

- NCDOT Agreement executed Aug 24, 2023
- PE funds authorized September 14, 2023
- Exult Engineering Contract fully executed Aug 19, 2024
- Preliminary Design (25%) Plans completed & approved by NCDOT Nov 26, 2024
- Preliminary Design/Right of Way (75%) Plans submitted for review Dec 18, 2024
- Draft Type 1A Categorical Exclusion (CE) Report submitted into EBS for NCDOT review Dec 27, 2024
- Project Completion September 14, 2028

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
- PE Authorization obtained on January 20, 2023
- Design kick-off meeting between City and RS&H staff held on January 31, 2023
- 25% Plans approved by NCDOT on February 12, 2024
- Redline Drainage Plans approved by NCDOT on April 22, 2024
- Environmental Document approved on May 7, 2024
- Design put on hold in May 2024 due to insufficient funds for Construction
- Additional funds through the MPO's DA program awarded on October 30, 2024
- Design to resume in January 2025

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:

- Construction currently underway

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

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

Project Status and Next Steps:

- Construction currently underway

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:

- NCDOT has approved the encroachment agreement presented by NHC
- New Hanover County updated the categorical exclusion documentation for another year
- General Stormwater Discharge Permit for Construction Activities has been renewed and reissued for another year.

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:

- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- A Pre-Con Meeting was held on 02/28/2024.
- Notice To Proceed (NTP) Date is 03/11/2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.

- Material Submittals have been entered into the NC EBS Portal for approval.
- Design work on the signal arm mast has begun.
- Soils Testing and Design Work completed by contractor and submitted into the NCDOT EBS System for Approval.
- Supplemental Agreement to extend the timeline for EB-6028 has been submitted to NCDOT and is in the process of being signed off on by the City of Wilmington, NC.
- NCDOT approved the Mast Arm design and it is in the fabrication phase.
- NCDOT approved the Supplemental Agreement for additional time.
- Curb Ramps have been installed.
- Additional curb & gutter installed to replace bad section.
- Foundation plan was submitted into the NCDOT EBS System for approval on 9/23/24.
- Foundation design approved by NCDOT on 10/15/24.
- Contractor working on material procurement and required traffic control to install foundation.
- Mast Arm Assembly was scheduled to be delivered by November 7, 2024.
- Foundation for the Post and Mast Arm was poured on December 13, 2024.
- Concrete reached required PSI Strength on December 23, 2024.
- Post and Mast Arm Installation is scheduled to start on January 6, 2025.

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
- NC Board of Transportation approved the flex request in January 2023
- Flex request confirmed end of April 2023
- Letters from NCDOT transmitted May 23, 2023
- Contract awarded to Tolar
- Amenities will be deployed based on outcome of Short-Range planning review
- Amenities bulk purchase expected Q4 FY25, pending award.

TC-0027 WAVE PASSENGER AMENITIES AND UPGRADES

Project Description: Passenger Facilities and amenities replacement, security, and improvement: acquire, construct, or replace structures, equipment, and systems that provide passenger facilities and amenities for fixed route bus service in the Wilmington, NC UZA. Projects include acquisition and installation of bus shelters, lighting and landing platforms along existing routes; evaluation of a new customer service enclosure at Forden Transfer Station; and extension of fencing at Padgett Transfer Station.

Project Status and Next Steps:

- The fencing at Padgett was completed in May 2023 (132 linear feet at Padgett for \$3,565.00)
- Proposals were received as part of an Invitation to Bid for the shelters and benches in Spring 2023. Tolar was selected.

- Construction began December 2 on the new Customer Service Enclosure in the lobby of Forden Station. The project is expected to be completed by mid-February 2025 and will create a more secure and operationally functional workspace for Wave staff while maintaining a high level of accessibility for customers.
- Amenities will be deployed based on outcome of Short-Range Transit Plan.

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. Go Coast Committee - The next regular Go Coast committee meeting is scheduled to occur in person on Thursday, February 20, from 3-5 p.m.
2. Bicycle Helmet Initiative – In April 2024, the WMPO was awarded 100 children’s bicycle helmets through NCDOT’s Bicycle Helmet Initiative for distribution to children from low-income families with bicycle safety education. In 2024, 92 helmets were distributed. WMPO staff is monitoring for updates regarding the next Bicycle Helmet Initiative grant cycle for 2025.
3. Short Range TDM plan update – WMPO staff have begun work to update the short-range TDM plan, *Cape Fear Change in Motion 2020*. Steering committee meetings are ongoing with the update scheduled for completion by November 2025. Draft TDM objectives are currently being reviewed by the steering committee, which if approved will be brought to the TCC and WMPO board for requested adoption and inclusion in the MTP, *Cape Fear Navigating Change 2050*.
4. 35th Annual River to Sea Bike Ride – 2025’s River to Sea Bike Ride is scheduled for Saturday, May 3, 2025.



Cape Fear Public Transportation Authority January 2025 Update

New & Improved Route System Begins January 5, 2025

Wave Transit's *"better service for more people"* under the Reimagine Wave new route system begins January 5, 2025. Highlights of the improved service include Wave's first ever frequent (15-minute) service linking Padgett Transit Station, downtown and the New Hanover Regional Medical Center; new 30-minute service on high traffic routes in all sectors of the fixed-route network; the Port City Trolley operating more frequently, later into the evening, and on Sundays on a seasonal basis; a direct connection from Padgett Station to Mayfaire every hour on new Route 206-Oleander Dr; and additional bus stops on College Road to improve access. Wave has been distributing information and working with customers both individually and in group settings to help everyone understand the new routes and schedules. To acclimate existing passengers to the new system and encourage new riders, all fixed-route service will be free the first week from January 5-12. Wave will be monitoring the new routes and schedules closely to ensure operations are being delivered as planned and to identify whether any adjustments may be needed.



Ridership

Wave Transit compared two periods for this ridership update, one being November 2023 and November 2024, and the other being December 2023 and December 2024.

For the November comparison period, fixed-route bus ridership decreased 1% as compared to the previous year's November. However, December 2024 ridership compared to December 2023 increased 11%. For November and December combined, there were 111,244 passenger trips across the system.

RideMICRO ridership saw a 1% decrease when comparing November 2024 to November 2023 but experienced a 14% increase comparing December 2024 to December 2023. RideMICRO averaged 1,463 trips per month.

Division 3 Project Update January 2025



WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

WMPO JANUARY PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	LAP	HL-0109	SOUTH 3RD STREET INSTALLATION OF TRAFFIC SIGNALS WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ANN STREET IN WILMINGTON.	NEW HANOVER	2025.05.15
Trace Howell	DDRL	R-3300A	US 17 HAMPSTEAD BYPASS FROM US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210.	NEW HANOVER, PENDER	2025.07.15
Brian Harding	LAP	HL-0110	SOUTH 3RD STREET INSTALLATION OF TRAFFIC SIGNALS WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ORANGE STREET IN WILMINGTON.	NEW HANOVER	2025.09.30
Tim Sherrill	LET	15BPR.142	BRIDGE PRESERVATION. BRIDGE 090096 OVER US 74 & US 76 ON US 17; BRIDGE 090198 OVER ICW & NC 179 ON SR 1172.	BRUNSWICK	2026.09.15
Trace Howell	DDRL	U-5710	US 74 (EASTWOOD ROAD) SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION - CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	NEW HANOVER	2026.09.15
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2027.05.20*
Brian Harding	DDRL	U-5734	US 421 (SOUTH FRONT ST.) FROM US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) WIDEN TO MULTI-LANES.	NEW HANOVER	2027.06.15
Brandon Powers	DPOC	U-5954	NC 133 (CASTLE HAYNE ROAD) AT NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	NEW HANOVER	2027.06.15

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
David Stutts	DPOC	BR-0008	BRIDGE PRESERVATION. BRIDGE 7 ON US 17 OVER US 76. THIS IS PART OF THE INTERCHANGE WEST OF THE CFMB.	BRUNSWICK	2027.09.21
Derek Pielech	DPOC	B-5653	PENDER BRIDGE 14 ON NC 133 OVER TURKEY CREEK.	PENDER	2028.01.20
Derek Pielech	DPOC	HB-0040	REPLACE BRIDGE 21 OVER BANKS CHANNEL ON US 76 (CAUSWAY DRIVE); REPLACE BRIDGE 22 OVER LEES CUT ON US 74 (W SALISBURY STREET); AND REPLACE BRIDGE 24 OVER BANKS CHANNEL ON US 74 (W SALISBURY STREET) IN WRIGHTSVILLE BEACH.	NEW HANOVER	2028.03.21
Derek Pielech	DPOC	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2028.04.20
Trace Howell	DDRL	U-5792	US 74 (MARTIN LUTHER KING JR. PARKWAY) AT US 117/NC 132 (COLLEGE ROAD). CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	NEW HANOVER	2028.06.20
Trace Howell	DDRL	U-3338C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MARTIN LUTHER KING JR PARKWAY).	NEW HANOVER	2028.06.20
Trace Howell	DDRL	U-5790	US 421 (CAROLINA BEACH ROAD) FROM NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONTRUCT FLYOVERS AT US 421 AND NC 132. INCLUDES U-5859.	NEW HANOVER	2029.03.20
Brian Harding	DDRL	U-5731	US 74 AT US 17/US 421, CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	NEW HANOVER	2029.06.19

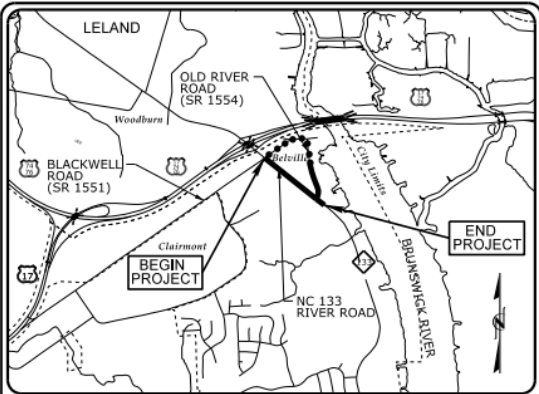
Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DPOC	U-6128	US 76 (OLEANDER DRIVE) NEW HANOVER COUNTY AT GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.	NEW HANOVER	2029.06.21
Brian Harding	DDRL	U-5729	US 421 (CAROLINA BEACH ROAD) FROM US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON UPGRADE ROADWAY.	NEW HANOVER	2029.07.17
Zach Howard	DDRL	U-4902C	US 17 BUSINESS (MARKET STREET) FROM NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	NEW HANOVER	2029.08.21
Trace Howell	DDRL	U-6199	VARIOUS, WILMINGTON CITYWIDE SIGNAL SYSTEM.	NEW HANOVER	2030.01.15
Trace Howell	DPOC	U-6201	SR 1175 (KERR AVENUE) FROM SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	NEW HANOVER	2030.01.17
Trace Howell	DDRL	U-4434	WILMINGTON, INDEPENDENCE BLVD EXT FROM RANDALL PARKWAY TO MARTIN LUTHER KING, JR. PARKWAY.	NEW HANOVER	2030.12.17
Trace Howell	DDRL	U-5732	US 17 FROM SR 1582 (WASHINGTON ACRES ROAD) TO VISTA LANE. ACCESS MANAGEMENT.	PENDER	2031.01.21*
Trace Howell	DDRL	U-5702A	NC 132 (COLLEGE ROAD) FROM SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD).	NEW HANOVER	2031.02.18

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Trace Howell	DDRL	U-5704	NC 132 (COLLEGE ROAD) AT US 76 (OLEANDER DRIVE).	NEW HANOVER	2031.03.18
Trace Howell	DDRL	U-5881	US 117 /NC 132 (COLLEGE ROAD) FROM SOUTH OF SR 1272 (NEW CENTRE DRIVE) TO US 17 BUSINESS (MARKET STREET). UPGRADE ROADWAY.	NEW HANOVER	2031.05.20
Zach Howard	DDRL	U-4902B	US 17 BUSINESS (MARKET STREET) FROM THE CSX RAILROAD TO CINEMA DRIVE AND FROM JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD).	NEW HANOVER	FY
Trace Howell	DDRL	U-5702B	NC 132 (COLLEGE ROAD) FROM US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD) ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	NEW HANOVER	FY
Brian Harding	DDRL	U-5863	NC 133 (CASTLE HAYNE ROAD) FROM I-140 / US 17, WILMINGTON BYPASS TO SR 1310 (DIVISION DRIVE) WIDEN TO MULTI LANES.	NEW HANOVER	FY
				*Dates are subject to change.	
			Update provided: 01/02/2025		
			PO: WMPO		
			Contact: Michelle Howes, mnhowes@ncdot.gov, 910.341.2001		

WMPO JANUARY CONSTRUCTION PROJECTS						
Contract Number	Resident Eng	TIP/WBS /Program	County	Description	*Estimated Completion (year.month.date)	Percent Complete
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 IN BELVILLE FROM SR 1551 (BLACKWELL ROAD) TO SR 1554 (OLD RIVER ROAD).	2024.09.16	99.00%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.05.14	89.27%
C204319	Joshua Pratt	U-4902D	New Hanover	SUPERSTREET MEDIAN ON MARKET STREET (US 17 BUS) FROM MARSH OAKS DRIVE TO LENDIRE DRIVE.	2024.09.28	76.90%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210 TO NORTH OF SR 1563 (SLOOP POINT ROAD).	2027.12.11	50.80%
TBD	Joshua Pratt	U-6202	New Hanover	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	TBD	0.00%
					*Dates are subject to change.	

TIP PROJECT: U-5914

CONTRACT: DC000439



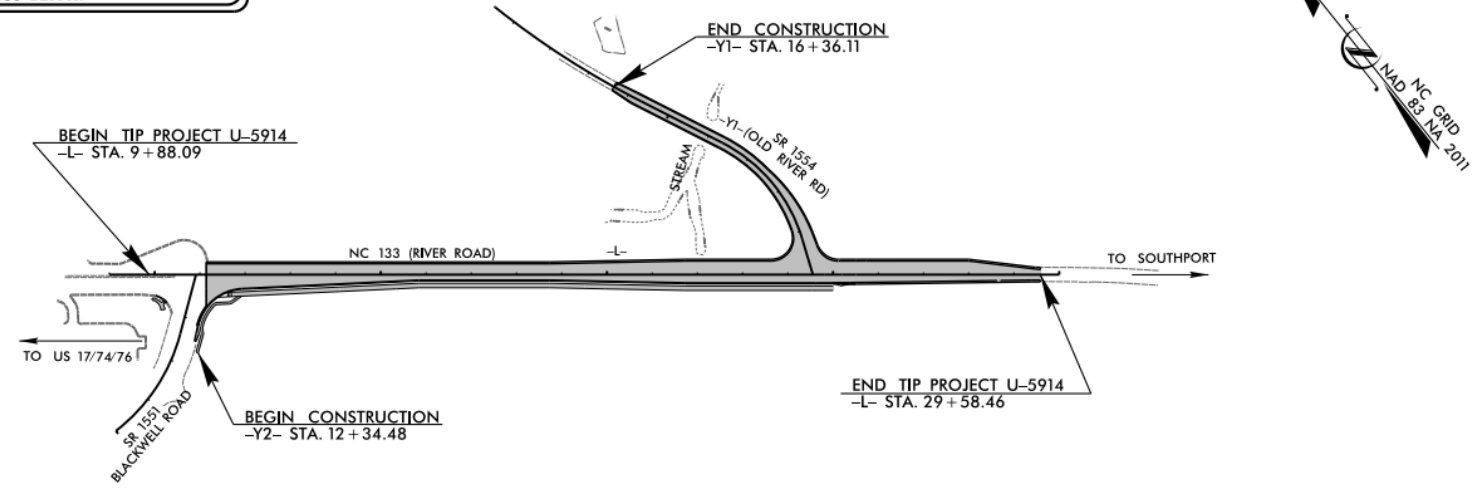
VICINITY MAP
NOT TO SCALE ... DETOUR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BRUNSWICK COUNTY

LOCATION: NC 133 FROM SR 1551 (BLACKWELL ROAD)
TO SR 1554 (OLD RIVER ROAD) EAST OF OLD RIVER

TYPE OF WORK: GRADING, PAVING, WIDENING, STRUCTURES, DRAINAGE
RESURFACING, SIGNALS, AND SIGNING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5914	1	
STATE FUNDING	F.A. PROGRAM	DESCRIPTION	
44647.1.1		PE	
44647.2.1		R/W	
44647.3.1		CONST	



CULVERT

NTS

DESIGN DATA
ADT 2019 = 22,700
ADT 2039 = 32,100
K = 10 %
D = 60 %
T = 4 % *
V = 50 MPH
* TTST = 1% DUAL 3%
FUNC CLASS =
MINOR ARTERIAL
TIER

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT U-5914 = 0.373 MILES
TOTAL LENGTH OF TIP PROJECT U-5914 = 0.373 MILES

Prepared in the Office of:
AECOM
NC FIRM LICENSE No. F-0342
5438 Wade Park Blvd, Suite 200
Raleigh, NC 27607
1919 854-6200

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 10, 2022

LETTING DATE:
JUNE 15, 2023

EDWARD G. EDENS, P.E.
PROJECT ENGINEER

PATRICK B. MCPHERSON, E.I.
PROJECT DESIGN ENGINEER

ERIC C. MURRAY
PROJECT ENGINEER
NCDOT CONTACT

STRUCTURE DESIGN
ENGINEER

Seal of the Professional Engineer, State of North Carolina, License No. 030474, signed by Eric C. Murray.

Designed by: John O. Morrison, PE
5/25/2023
SIGNATURE: _____



Project Details:

Work Began: 08/2023
Est. Completion: 06/2024
Rev. Completion: 09/2024
Contractor: Chatham Civil
NCDOT Contact: Joshua Pratt
Contract: \$4,811,193

Project Comments:

U-5914

Punchlist items remain.
NC 133 BELVILLE WIDENING
FROM SR 1551 (BLACKWELL RD) TO SR 1554 (OLD RIVER RD).

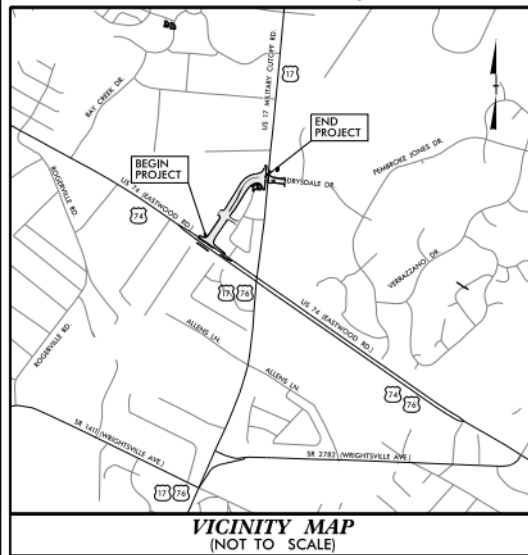
CONSTRUCTION
PROGRESS

99%

11/2024

89.08/94
TIP PROJECT: U-5710A
CONTRACT: C204747

See Sheet 1B For Conventional Symbols

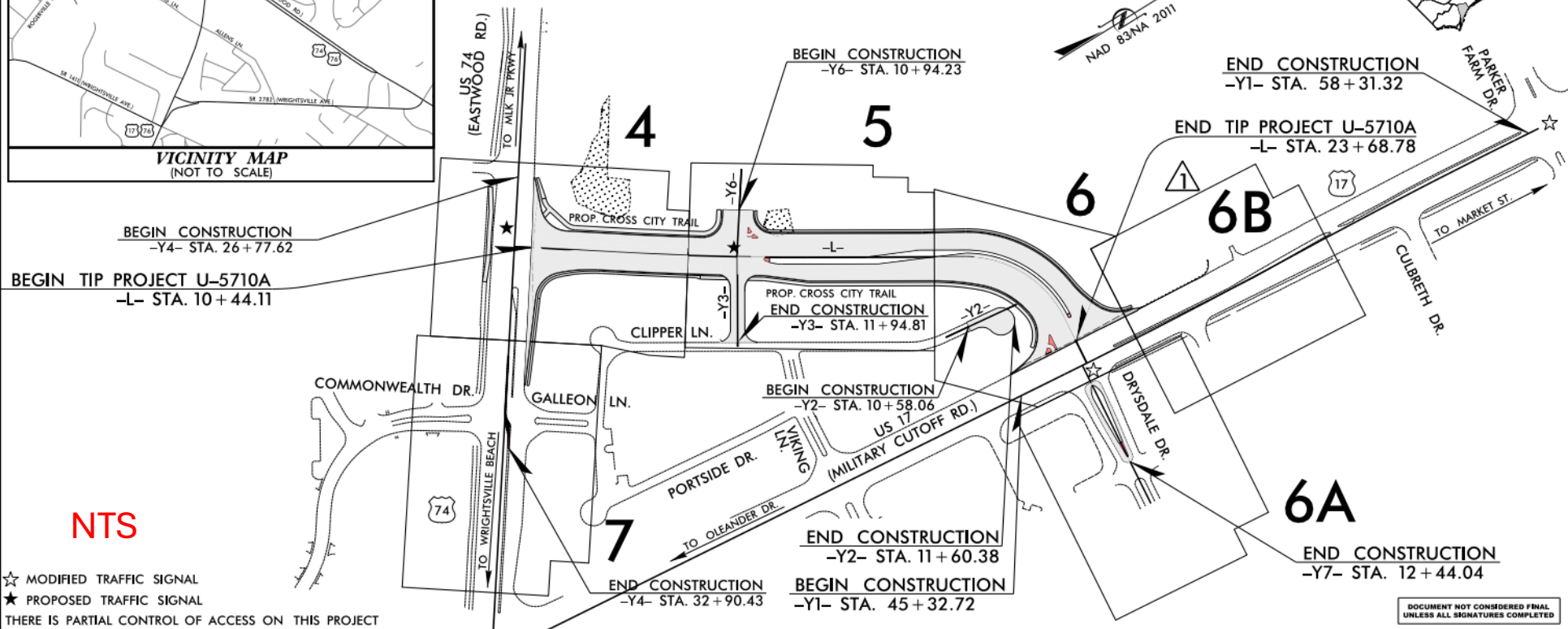


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NEW HANOVER COUNTY

LOCATION: FROM US-17 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US-74 (EASTWOOD ROAD). CONSTRUCT ROADWAY ON NEW LOCATION (DRYSDALE DRIVE EXT).

TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNALS, AND WALL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5710A	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50115.1.2	NA	P.E.	
50115.2.2	NA	ROW & UTIL.	
50115.3.3	0074232	CONSTR.	

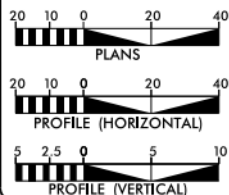


NTS

- ★ MODIFIED TRAFFIC SIGNAL
- ★ PROPOSED TRAFFIC SIGNAL

THERE IS PARTIAL CONTROL OF ACCESS ON THIS PROJECT

GRAPHIC SCALES



DESIGN DATA

ADT 2020 = 4,800
ADT 2040 = 24,000
V = 40 MPH
FUNC CLASS = URBAN COLLECTOR
STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5710A = 0.251 MILES
TOTAL LENGTH TIP PROJECT U-5710A = 0.251 MILES



Prepared by the Office of:
HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

RIGHT OF WAY DATE:
DECEMBER 11, 2018

LETTING DATE:
JUNE 21, 2022

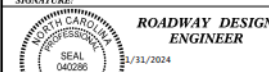
PHILLIP E. ROGERS, PE
PROJECT ENGINEER

CASEY E. HARRIS, PE
PROJECT DESIGN ENGINEER

MICHAEL BASS
NCDOT CONTACT



SIGNATURE: Phillip E. Rogers P.E.

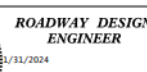


SIGNATURE: Casey E. Harris P.E.

HYDRAULICS
ENGINEER



SIGNATURE: Michael Bass P.E.



SIGNATURE: Michael Bass P.E.



SIGNATURE: Michael Bass P.E.

Project Details:

Work Begin: 09/2022

Est. Completion: 01/2025

Rev. Completion: 05/2025

Contractor: Chatham Civil

NCDOT Contact: Joshua Pratt

Contract: \$7,199,999

Project Comments:

U-5710A

DRYSDALE EXTENSION

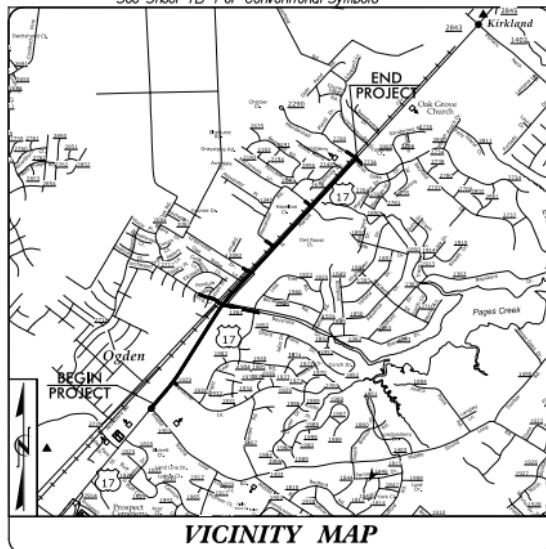
FROM US 17 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD).

**CONSTRUCTION
PROGRESS**

89%

11/2024

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



VICINITY MAP

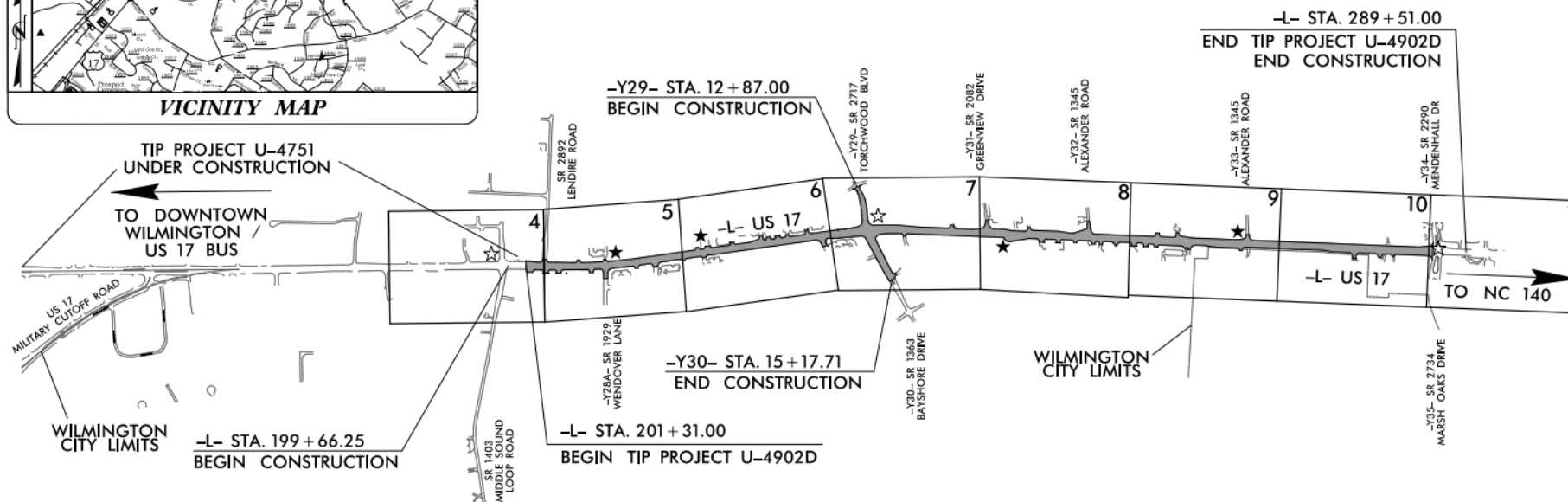
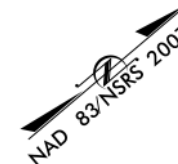
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NEW HANOVER COUNTY

LOCATION: US 17 (MARKET STREET) FROM
SR 1403 (MIDDLE SOUND LOOP ROAD)
TO SR 2290 (MENDENHALL DRIVE)/
SR 2734 (MARSH OAKS DRIVE)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNALS,
AND RETAINING WALL

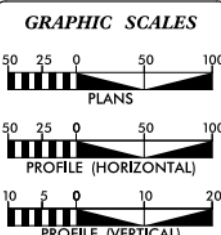
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4902D	1	
STATE PROJECT NO.	P.A. PROJECT NO.	DESCRIPTION	
40238.1.4		P.E.	
40238.2.4		RW/UTIL	
40238.3.5		CONST	



NTS

☆	EXISTING SIGNAL
★	PROPOSED SIGNAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA
ADT 2018 = 52,130
ADT 2038 = 65,390
K = 11 %
D = 55 %
T = 6 % *
V = 50 MPH
* TTST = 2% DUAL 4%
FUNC. CLASS =
PRINCIPAL ARTERIAL
STATEWIDE TIER

PROJECT LENGTH
LENGTH OF ROADWAY T.I.P. PROJECT U-4902D = 1.670 MILES
TOTAL LENGTH OF T.I.P. PROJECT U-4902D = 1.670 MILES
LENGTH BASED ON -L- CENTERLINE

PREPARED IN THE OFFICE OF
HNTB
FOR DIVISION OF HIGHWAYS
2018 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE: JANUARY 30, 2017
LETTING DATE: FEBRUARY 19, 2019
DOUGLAS M. WHEATLEY, PE PROJECT ENGINEER
ROY TELLIER, PE PROJECT DESIGN ENGINEER
KRISTA KIMMEL, PE NCDOT CONTACT

HYDRAULICS ENGINEER
James A. Boyd 1/7/2019 SIGNATURE:
ROADWAY DESIGN ENGINEER
Roy Tellier 1/4/2019 SIGNATURE:



Project Details:

Work Begin: 04/2019
Est. Completion: 11/2022
Rev. Completion: 08/2025
Contractor: Sealand Contractors
NCDOT Contact: Joshua Pratt
Contract: \$24,654,091

Project Comments:

U-4902D

US 17 (MARKET STREET)
FROM SR 1403 TO SR 2734 IN WILMINGTON.

CONSTRUCTION PROGRESS

77%

11/2024

CONTRACT: C204553

[illegible]

Project Details:

Work Begin: 03/2022

Est. Completion: 03/2027

Rev. Completion: 12/2027

Contractor: CONTI CIVIL

NCDOT Contact: Daniel
Waugh

Contract: \$185,680,442

Project Comments:

R-3300B

HAMPSTEAD BYPASS

FROM SOUTH OF NC 210 TO
NORTH OF SR 1563 (SLOOP
POINT ROAD)

**CONSTRUCTION
PROGRESS**

51%

11/2024

See Sheet 1A For Index of Sheets See Sheet 1B for Conventional Symbols

BEGIN PROJECT 6-33008

END PROJECT 6-33008

NEW HANOVER

NEW HANOVER

Atlantic Ocean

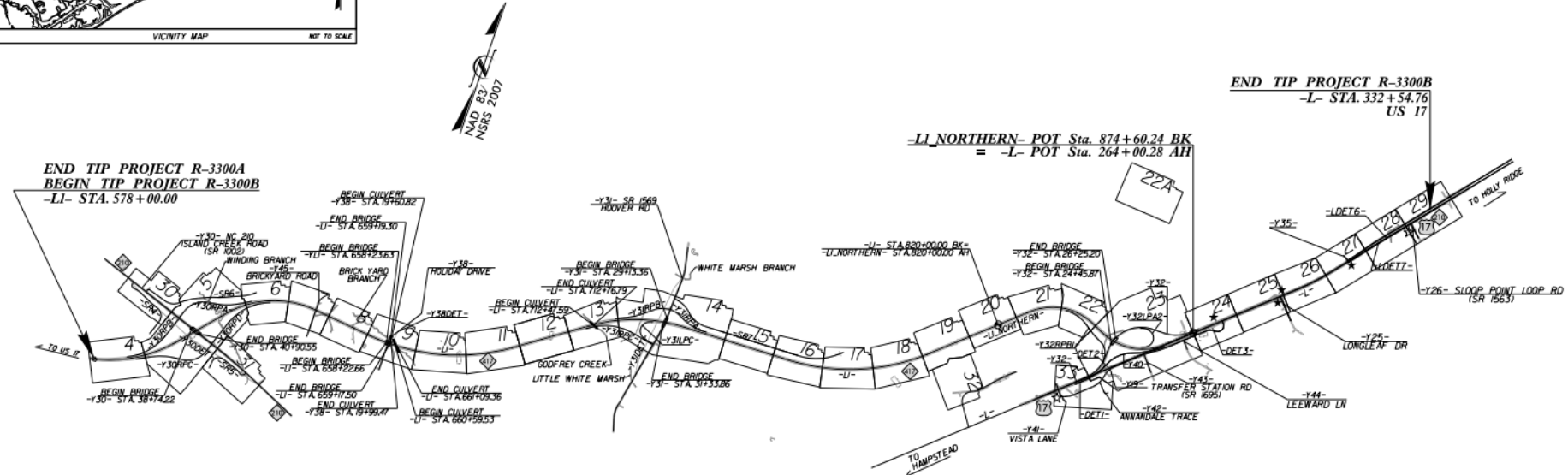
VICINITY MAP

NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
=====
PENDER COUNTY

**LOCATION: NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210
TO NORTH OF SR 1563 (SLOOP POINT LOOP ROAD).**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES,
SIGNALS, ITS, NOISE WALLS, RETAINING WALLS,
AND CULVERTS**



NTS

<p>SUNGATE DESIGN GROUP, P.A.</p>  <p>885 JONES BRANCH ROAD SALLIE, NORTH CAROLINA 27168 NC COA No. C-0690</p>	 <p>Dewberry</p>	<p>2430 WYCLIFF ROAD SUITE 430 RALEIGH, NC 27607 PHONE: 919.881.9339 NC COA No. P-5829</p>
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★ UPDATE EXISTING SIGNAL -THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.
★ PROPOSED SIGNAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA



ADT 2016 = N/A
ADT 2040 = 55,400
K = 8 %
D = 60 %
T = 6 % *
V = 70 MPH
*(TTST 2% + DUALS 4%)
FUNC CLASS = FREEWAY
REGIONAL TIER

PROJECT LENGTH


LENGTH ROADWAY TIP PROJECT R-3300B	=	6.898 MILES
LENGTH STRUCTURE TIP PROJECT R-3300B	=	0.018 MILES
TOTAL LENGTH TIP PROJECT R-3300B	=	6.916 MILES

 Stantec	<p>PREPARED IN THE OFFICE OF: STANTEC CONSULTING 891 Jones Franklin Road [Suite 200] Raleigh, NC 27606 Tel: (919) 951-6006 Fax: (919) 951-7628 www.stantec.com License No. P-36572</p>
<p>FOR THE NORTH CAROLINA 2018 STANDARD SPECIFICATIONS</p>	<p>DEPARTMENT OF TRANSPORTATION</p> <p>RIGHT OF WAY DATE: <u>MARCH 16, 2018</u></p> <p>LETTING DATE: <u>NOVEMBER 22, 2022</u></p>

HYDRAULICS ENGINEERS

 <p>Designed by: John G. Dabbs</p> <p>SIGNATURE: <i>[Signature]</i> PE</p>	 <p>Designed by: Steve E. Dabbs</p> <p>SIGNATURE: <i>[Signature]</i> PE</p>
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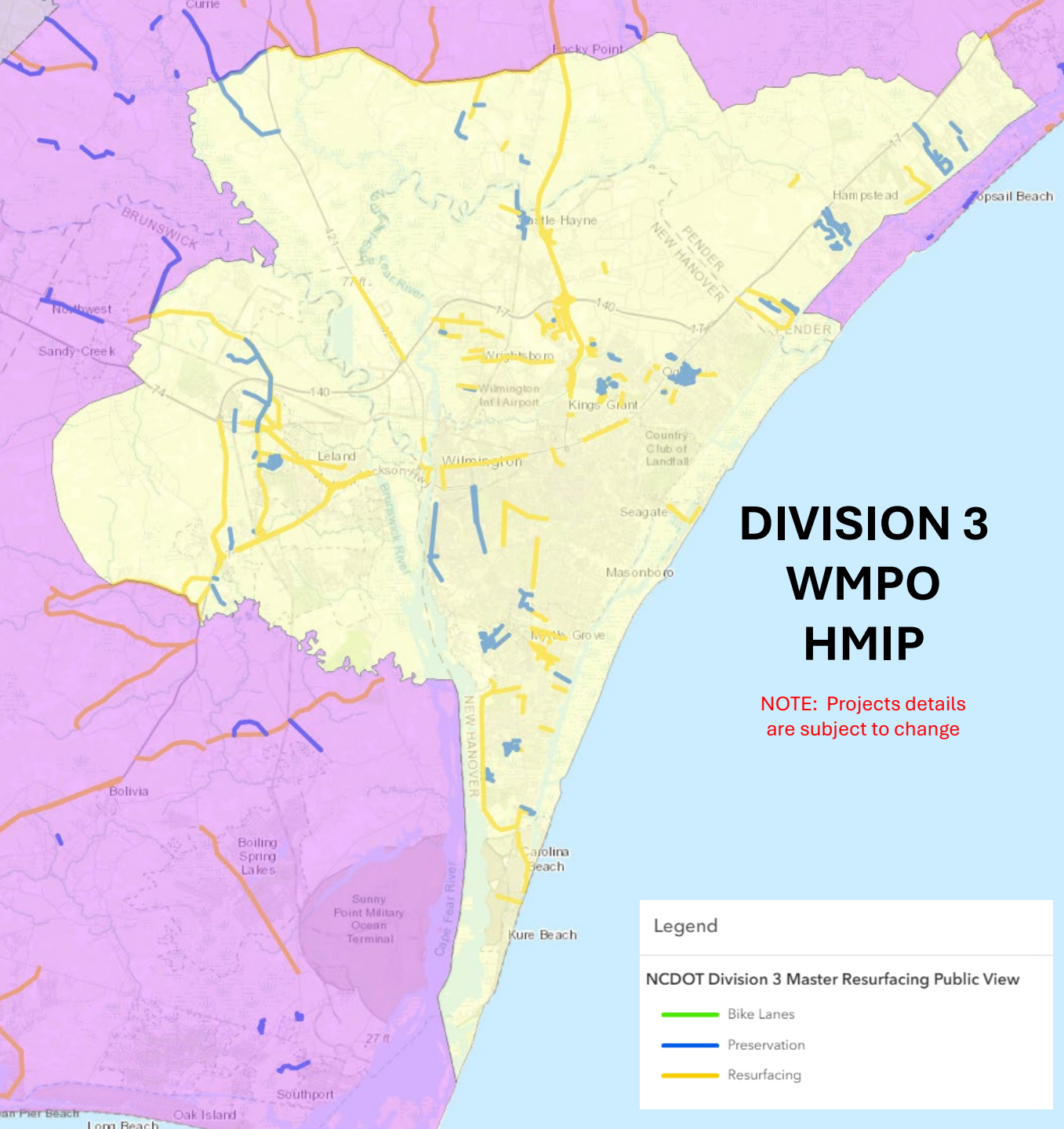
ROADWAY DESIGN ENGINEER

 <p>Designed by: Eric J. Anderson</p> <p>SIGNATURE: <i>[Signature]</i> PE</p>
--



WMPO JANUARY RESURFACING/PRESERVATION PROJECTS

Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
DC00437	2024	NEW HANOVER	RESURFACING VARIOUS ROUTES	2025.05.23	84.15%
C204833	2024	NEW HANOVER, PENDER	I-40 RESURFACING FROM MM-420 TO MM-408 AT NC-210 (I-6039)	2025.09.15	43.52%
DC00431	2024	BRUNSWICK	NC 130 & VARIOUS ROUTES	2025.11.20	77.69%
C204866	2024	BRUNSWICK	I-140 RESURFACING FROM US-17 TO NORTH OF US-74 (I-6036)	2025.06.15	0.00%
DC00448	2024	NEW HANOVER	US 76 AND VARIOUS ROUTES. PEDESTRIAN IMPROVEMENTS AT WB (BL-0075)	2025.05.09	11.17%
DC00457	2025	NEW HANOVER	VARIOUS ROUTES IN NEW HANOVER COUNTY	2025.11.29	6.49%
Go!NC Portal for public information: HMIP (Highway Maintenance Improvement Program) GIS maps				*Dates are subject to change.	
https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e					
		Update provided:			
		01/02/2025			
		PO: WMPO			
		Contact: Michelle Howes, mnhowes@ncdot.gov , 910.341.2001			



SOURCE:
<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e>



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

JANUARY 2025

Kim Nguyen
Regional Planner- Coastal Plains
Integrated Mobility Division
1550 Mail Service Center
Raleigh, NC 27601

JANUARY IMD UPDATES WILMINGTON MPO

January 2025

FY 24 Carolina Beach bicycle and Pedestrian Plan: The Carolina beach bike/ped plan has completed all steering committee meetings with a proposed draft of recommendations for the town to review. Once the final recommendations are drafted, IMD will have a final review before the final plan is presented to the town. The plan is expected to finish in the spring of 2025, with the adoption of the plan to follow.

Kure Beach Paved Trails Feasibility Study: The Kure Beach Paved Trails Feasibility Study has been completed into a final report. Those who wish to view the report can email me for the link.

2024 Bicycle Helmet Initiative: This year's Bicycle Helmet Initiative application is now open! The application window will close mid- February. For exact dates and application link and resources, please check our website. IMD would like to thank those who've applied and continue to distribute helmets to promote bicycle safety for children.

Sincerely,

Kim Nguyen
Regional Planner- Coastal Plains
Integrated Mobility Division

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
INTEGRATED MOBILITY DIVISION
1550 MAIL SERVICE CENTER
RALEIGH, NC 27699-1550

Telephone: 919-707-4676
Fax: 919-733-1391
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

January 2025

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

JANUARY TPD UPDATES WILMINGTON MPO

January 2025

Wilmington Model: the TDM is ready for MPO project testing and will be official when the MPO adopts their MTP end of 2025. TPD ran three scenarios for MTP testing, but there is ongoing discussion on project output and edits to projects, therefore, model work is ongoing.

Brunswick County Comprehensive Transportation Plan (CTP): The CTP is now complete and has been adopted and endorsed by all local agencies as well as the NCDOT Board of Transportation. CTP booklets are being created and will be sent out to adopting agencies soon.

Pender County Comprehensive Transportation Plan (CTP): The Pender County CTP survey closed on September 1st; the CTP committee has not met for a few months because the engineer was on leave. The next CTP meeting will be in February of 2025.

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](https://www.ncdot.gov/traffic)
- Report a pothole—[NCDOT Contact Us Form](https://www.ncdot.gov/contact-us)
- NCDOT: State Transportation Improvement Program—[ncdot.gov/sti](https://www.ncdot.gov/sti)
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>
- Links to all traffic count data information—[Traffic Survey Group \(ncdot.gov\)](https://www.ncdot.gov/traffic-survey)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](https://www.ncdot.gov/traffic-volume)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](https://www.ncdot.gov/traffic-safety)
- NCDOT Comprehensive Transportation Plans (CTPs) – [Connect NCDOT - CTPs](https://www.ncdot.gov/ctp)

NCDOT Statewide Plans:

To learn more, click on the following links:

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27699

Telephone: 919 707 0980
Customer Service: 1-877-368-4968

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

Location:
1554 MAIL SERVICE CENTER
RALEIGH, NC 27699

- [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)
- [IMD 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)