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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: October 9, 2024
SUBJECT: October 16th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee (TCC) will be held on Wednesday, October 16, 2024, at 10:00 am. This meeting will be held in the Skyline Center Conference Room 154C located at 929 North Front 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/83670038677>

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: 836 7003 8677

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) Presentations
 - a. Gullah Geechee Feasibility Study – Zach Bugg, Kittelson
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- September 11, 2024
 - b. Resolution approving 2024-2033 STIP/MPO Amendment #24-5
 - c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-9
 - d. Resolution accepting donations for the Get There Greener Challenge
 - e. Resolution supporting the naming of the Military Cutoff Road Bridge over Market Street the Cornelius E Nixon Bridge
- 5) Regular Agenda

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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- a. Resolution supporting the allocation of additional Direct Attributable funds to New Hanover County for the Middle Sound Loop and Porters Neck Walmart Connector (BL-0040)
 - b. Resolution awarding the Wilmington Urban Area MPO's FY 25 Direct Attributable Funds
 - 6) Discussion
 - a. WMPO's Prioritization 7.0 Division Tier Point Assignment
 - b. 2050 MTP Development – Draft Fiscally Constrained Projects
 - 7) 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
 - 8) Announcements
 - a. WMPO Bicycle and Pedestrian Committee- December 10, 2024
 - 9) Next meeting-November 13, 2024

Attachments:

- TCC Meeting Minutes- September 11, 2024
- Proposed 2024-2033 STIP/MPO Amendment #24-5
- Resolution approving 2024-2033 STIP/MPO Amendment #24-5
- Proposed 2024-2033 STIP/MPO Administrative Modifications #24-9
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-9
- Get There Greener Challenge Memorandum
- Resolution accepting donations for the Get There Greener Challenge
- Resolution supporting the naming the Military Cutoff Road Bridge over Market Street the Cornelius E Nixon Bridge
- Request for additional funds from New Hanover County for the Middle Sound Loop and Porters Neck Walmart Connector (BL-0040)
- Resolution supporting the allocation of additional Direct Attributable funds to New Hanover County for the Middle Sound Loop and Porters Neck Walmart Connector (BL-0040)
- Wilmington Urban Area MPO's FY 25 Direct Attributable Funding Memorandum
- Resolution awarding the Wilmington Urban Area MPO's FY 25 Direct Attributable Funds
- WMPO's Prioritization 7.0 Division Tier Draft Point Assignment
- 2050 MTP Development – Draft Fiscally Constrained Projects Scenarios
- Wilmington Urban Area MPO Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Integrated Mobility Division (October)
- NCDOT Transportation Planning Division Project Update (October)

**Wilmington Urban Area MPO
Technical Coordinating Committee
Wednesday, September 11 2024,
Remote Meeting Minutes**

Members Present in Person

Mike Kozlosky, TCC Chairman, WMPO
Carolyn Caggia, WMPO
Michelle Howes, NCDOT
Sam Boswell, Cape Fear Council of
Governments

Members Absent

Michelyn Alston, Town of Navassa
Robert O'Quinn, Town of Wrightsville Beach
Adam Moran, Pender County
Granseur Dick, Wilmington International Airport
Mandy Sander, Town of Kure Beach

Others Present In-Person

Tera Cline, WMPO
Abby Lorenzo, WMPO
Greer Shivers, WMPO
Beth King, WMPO
Regina Hopkins, WMPO
Chad Staradumsky, Town of Belville
Adrienne Cox, Division 3

Members Present Remote

Helen Bunch, Brunswick County
Mark Hairr, Cape Fear Public
Transportation Authority
Adrienne Harrington, Town of Belville
Jeremy Hardison, Town of Carolina Beach
Denys Vielkanowitz, City of Wilmington
Julian Griffiee, Town of Leland
Karlene Ellis Vitalis, New Hanover County
Stephanie Ayers, NC State Ports Authority
Beshad Norowzi, NCDOT
Ashley Barefoot, Brunswick County

Others Present Remote

Katie Ryan, Town of Wrightsville Beach
Trevor Carroll, Division 3
Nick Morrison, FHWA

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, Michelle Howes, Sam Boswell, and Carolyn Caggia. **Present Remotely:** Helen Bunch, Mark Hairr, Adrienne Harrington, Jeremy Hardison, Deny Vielkanowitz, Julian Griffiee, Stephanie Ayers, Beshad Norowzi, and Ashely Barefoot. **Absent:** Michelyn Alston, Robert O'Quinn, Adam Moran, Granseur Dick, and Mandy Sander.

Mike Kozlosky asked for a moment of silence to commemorate all that lost their lives 23 years ago today.

2) Approval of Agenda

Mark Hairr made a motion to approve the agenda, seconded by Helen Bunch and the motion carried unanimously

3) Presentations

a. Get There Greener/Bike to Work Day- Carolyn Caggia, WMPO

Carolyn Caggia, WMPO presented the Go Coast annual sustainable transportation challenge, Get There Greener and Bike to Work Day. Get There Greener takes place every October. In 2023 it was rebranded from the Commuter Challenge that was established in 2016. The challenge encourages participants to track their trips and report their miles when they travel by carpooling, public transportation, bicycling, walking, or teleworking. Teleworkers will log how many miles they would have traveled by single occupancy vehicle.

She stated that the spirit of the challenge is to reduce single occupancy vehicle travel and encourage alternative transportation that is sustainable. She noted the website address is GoCoastNC.org/get-there-greener. Ms. Caggia then gave a brief history of the challenge noting various platforms that were used and some fluctuating participation as well. The My Open Road application has been used in the past but it no longer exists. Ride NC was also used which is a statewide matching database that also had the functionality for trip tracking. The past two years Google forms has been used to try and reduce barriers to participation by using a familiar platform.

Ms. Caggia then stated that in 2023 there were 26 participants that logged 3,857 miles for a total of 1,542 kg of carbon dioxide savings. She stated that this year's challenge runs from October 1st through the 31st and the interest form is on the website. Starting October 1st the tracking form will be up and running. At the end of the challenge prizes will be awarded from area businesses.

She then presented information on Bike to Work Day that will be held on October 11th. The concept is to encourage local businesses and organizations to sponsor pit stops at their place of business or at a bicycle spot nearby. They could offer coffee, snacks, and swag. A map of the pit stops is available at gocoastnc.org/bike-to-work-day-2024. She encouraged everyone to spread the word and participate.

b. Wrightsville Beach Bicycle and Pedestrian Plan-Katie Ryan

Katie Ryan stated that the bicycle/ pedestrian plan that was just adopted by the Board of Alderman in June had the most public involvement and enthusiasm of any plan she has worked on before.

She noted that following the award of the NCDOT bike/pedestrian planning grant in August 2022, the NCDOT selected Kimley Horn as the consultant. The Board in February 2023 appointed the Parks and Recreation Advisory Committee to serve on the steering committee as well as WMPO staff and NCDOT staff. There were four steering committee meetings and two public workshops. She stated the workshops were well attended with 64 residents at the first meeting and 27 at the second. She noted that non-residents participated as well and they had over 600 survey responses, and 81% of those were full-time or part-time Wrightsville Beach residents.

The steering committee developed a vision statement which was to create a safe, accessible, and connected bicycle and pedestrian network in and around Wrightsville Beach for people of all ages and abilities. The Wrightsville Beach Bicycle and Pedestrian Plan will consider the unique environment and geographic challenges and focus on safe connections in the Town and broader region.

Ms. Ryan noted that the committee also had to consider the environment and accessibility, public health, economic development, and equity. All this information as well as public input were included in the draft as well as the prioritized improvements. The committee developed a prioritization tool based and weighted on safety, accessibility and connectivity, public input, cost effectiveness, and demand and density.

She mentioned that some of the improvements are currently being worked on, for example, the section of sidewalk on old Causeway Drive. In addition, Causeway Drive is about to be resurfaced with added bicycle lanes.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes- August 14, 2024
- b. Resolution approving 2024-2033 STIP/MPO Amendment #24-4
- c. Opening of the 30-day public comment period for 2024-2033 STIP/MPO Amendment #24-5
- d. Resolution approving 2024-2033 STIP/MPO Administrative Modifications # 24-8
- e. Resolution authorizing the Chairman to enter into an agreement with the City of Wilmington and Cape Fear Public Transportation Authority for FY 25 Section 5303 Funding
- f. Resolution adopting the Wrightsville Beach Bicycle and Pedestrian Plan

Sam Boswell made a motion to approve the consent agenda; Carolyn Caggia seconded it. Motion passes unanimously.

5) Regular Agenda

a. Resolution approving Amendment #2 to the FY 25 Unified Planning Work Program

Mike Kozlosky, WMPO stated this amendment is to move \$6,300 from the management and operations line-item Ashley Barefoot, Brunswick County to the special studies line item, to allow the MPO to complete a compensation study for the organization. This is supported by the organizational assessment and strategic plan.

Motion to approve amendment #2 to the FY 25 Unified Planning Work Program was made by Adrienne Harrington and seconded by Stephanie Ayers. Motion passes unanimously.

b. Resolution supporting the City of Wilmington's application for the USDOT's Small Bridge Grant Program

Mike Kozlosky, WMPO stated the city plans to apply for funding through the USDOT Small Bridge Grant program to replace the 4th Street Bridge, as well as the Pine Grove Bridge. Applications are due November 1st.

Motion to approve the resolution supporting the City of Wilmington applying for the USDOT's Small Bridge Grant made by Stephanie Ayers and seconded by Michelle Howes. Motion passes unanimously.

6) Discussion

a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-9

Mike Kozlosky stated this is for informational purposes only and will be brought back at the next meeting for consideration.

7) Updates

a. Wilmington Urban Area MPO

Mike Kozlosky introduced Tessa Jones the WMPO's new Public Information Officer, and she said a few words about herself. Mr. Kozlosky also noted that the Direct Attributable applications are due Friday, September 13 by 5 PM.

b. Cape Fear Public Transit Authority

Mark Hiarr, WAVE, stated that public outreach concludes September 15th on the Reimagine WAVE route and service improvements. There will then be a public hearing on September 26th and will move forward with consideration at the end of September.

c. NCDOT Division 3

Michelle Howes stated that the Banks Channel Bridge is done, and lanes restored, and they are still waiting to get the handrail materials to complete the repair. NC 133 in Belville had the final inspection on September 10th and will possibly have a few punch list items left to complete. Drysdale Drive is estimated to be open later this fall. The Hampstead Bypass is on track and is about 50% complete.

She then announced that Trevor Carroll is the new Division 3 engineer.

d. NCDOT Integrated Mobility Division

e. NCDOT Transportation Planning Division

Beshad Norowzi, NCDOT, stated that Nazia should be back by next week. Pender County survey is still open, and the Brunswick County CTP is officially closed. Carteret County is currently ongoing.

9) Announcements

a. Brunswick Heritage ride-September 28, 2024

b. WMPO BPAC October 8, 2024

10) Next meeting- October 10 , 2024

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

The meeting was adjourned at 10:24 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 and Deletions to
2024-2033 STIP/MPO TIP Programs
Amendment #24-5**

STATEWIDE PROJECT

STIP ADDITIONS

HB-0099A	- STATEWIDE PROJECT	VARIOUS, BRIDGE INSPECTION PROGRAM	ENGINEERING	FY 2025 -	\$26,000,000	(T)
STATEWIDE		INSPECTIONS.		FY 2026 -	\$26,000,000	(T)
PROJ.CATEGORY		<u>ADD PROJECT. REPLACES STIP ID HB-9999A</u>		FY 2027 -	\$26,000,000	(T)
STATEWIDE				FY 2028 -	\$26,000,000	(T)
REGIONAL				FY 2029 -	\$26,000,000	(T)
DIVISION				FY 2030 -	\$26,000,000	(T)
				FY 2031 -	\$26,000,000	(T)
				FY 2032 -	\$26,000,000	(T)
				FY 2033 -	<u>\$26,000,000</u>	(T)
					\$234,000,000	
HB-0099B	- STATEWIDE PROJECT	VARIOUS, BRIDGE INSPECTION PROGRAM	ENGINEERING	FY 2025 -	\$600,000	(T)
STATEWIDE		STRUCTURE INVENTORY AND APPRAISAL.		FY 2026 -	\$600,000	(T)
PROJ.CATEGORY		<u>ADD PROJECT. REPLACES STIP ID HB-9999B.</u>		FY 2027 -	\$600,000	(T)
DIVISION				FY 2028 -	\$600,000	(T)
				FY 2029 -	\$600,000	(T)
				FY 2030 -	\$600,000	(T)
				FY 2031 -	\$600,000	(T)
				FY 2032 -	\$600,000	(T)
				FY 2033 -	<u>\$600,000</u>	(T)
					\$5,400,000	
HB-0099C	- STATEWIDE PROJECT	VARIOUS, BRIDGE INSPECTION PROGRAM ANALYSIS.	ENGINEERING	FY 2025 -	\$2,600,000	(T)
STATEWIDE		<u>ADD PROJECT. REPLACES STIP ID HB-9999C.</u>		FY 2026 -	\$2,600,000	(T)
PROJ.CATEGORY				FY 2027 -	\$2,600,000	(T)
STATEWIDE				FY 2028 -	\$2,600,000	(T)
REGIONAL				FY 2029 -	\$2,600,000	(T)
DIVISION				FY 2030 -	\$2,600,000	(T)
				FY 2031 -	\$2,600,000	(T)
				FY 2032 -	\$2,600,000	(T)
				FY 2033 -	<u>\$2,600,000</u>	(T)
					\$23,400,000	

Proposed Deletions
2024-2033 STIP/MPO TIP Programs
Amendment #24-5

STATEWIDE PROJECT

STIP DELETIONS

HB-9999C	- STATEWIDE PROJECT	VARIOUS, BRIDGE INSPECTION PROGRAM ANALYSIS.	ENGINEERING	FY 2025 -	\$2,600,000	(T)
STATEWIDE		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>		FY 2026 -	\$2,600,000	(T)
PROJ.CATEGORY		<u>HB-0099C.</u>		FY 2027 -	\$2,600,000	(T)
STATEWIDE				FY 2028 -	\$2,600,000	(T)
REGIONAL				FY 2029 -	\$2,600,000	(T)
DIVISION				FY 2030 -	\$2,600,000	(T)
				FY 2031 -	\$2,600,000	(T)
				FY 2032 -	\$2,600,000	(T)
				FY 2033 -	<u>\$2,600,000</u>	(T)
					\$23,400,000	

HB-9999A				FY 2025 -	\$26,000,000	(T)
STATEWIDE				FY 2026 -	\$26,000,000	(T)
PROJ.CATEGORY		VARIOUS, BRIDGE INSPECTION PROGRAM		FY 2027 -	\$26,000,000	(T)
STATEWIDE	- STATEWIDE PROJECT	INSPECTIONS.		FY 2028 -	\$26,000,000	(T)
REGIONAL		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>	ENGINEERING	FY 2029 -	\$26,000,000	(T)
DIVISION		<u>HB-0099A.</u>		FY 2030 -	\$26,000,000	(T)
				FY 2031 -	\$26,000,000	(T)
				FY 2032 -	\$26,000,000	(T)
				FY 2033 -	<u>\$26,000,000</u>	(T)
					\$234,000,000	

HB-9999B				FY 2025 -	\$600,000	(T)
STATEWIDE				FY 2026 -	\$600,000	(T)
PROJ.CATEGORY		VARIOUS, BRIDGE INSPECTION PROGRAM		FY 2027 -	\$600,000	(T)
STATEWIDE	- STATEWIDE PROJECT	STRUCTURE INVENTORY AND APPRAISAL.		FY 2028 -	\$600,000	(T)
DIVISION		<u>REMOVE PROJECT. PROJECT REPLACED BY STIP ID</u>	ENGINEERING	FY 2029 -	\$600,000	(T)
		<u>HB-0099B.</u>		FY 2030 -	\$600,000	(T)
				FY 2031 -	\$600,000	(T)
				FY 2032 -	\$600,000	(T)
				FY 2033 -	<u>\$600,000</u>	(T)
					\$5,400,000	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #24-5 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 Statewide/MPO Transportation Improvement Programs on August 30, 2023; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-5; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2024-2033 State/MPO Transportation Improvement Programs for Amendments #24-5.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
TIP Modification #24-9

STATEWIDE PROJECT

STIP MODIFICATIONS

* C-5600VA
STATEWIDE
PROJ.CATEGORY
EXEMPT

- STATEWIDE PROJECT

QUEEN CITY EXPRESS, WILMINGTON TO CHARLOTTE. OTHER
SUBSIDY FOR INTERMODAL RAIL SERVICE BETWEEN
PORT OF WILMINGTON AND CHARLOTTE.

FY 2025 - \$250,000 (CMAQ)
\$250,000

ADD PROJECT AT THE REQUEST OF RAIL AND PORT
DIVISIONS. ADD OPERATIONS FUNDS IN FY 25.

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
TIP Modification #24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HL-0110 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SOUTH 3RD STREET, INSTALLATION OF TRAFFIC SIGNAL WITH PEDESTRIAN SIGNAL HEADS AT INTERSECTION OF SOUTH 3RD STREET AND ORANGE STREET. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGH-OF-WAY FROM FY 24 TO FY 25.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2023 - FY 2025 - FY 2025 - FY 2025 - FY 2025 - FY 2026 -	\$47,000 \$12,000 \$237,000 \$59,000 \$219,000 \$1,000 \$54,000	(BGDA) (HF) (BGDA) (HF) (BGDA) (HF) (HF)	
							\$629,000
HS-2003A NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1217 (17TH STREET), INSTALL NEAR SIDE SIGNAL HEADS ON PEDESTAL ON BOTH SIDES OF SR 1217 (17TH STREET) AT DOCK STREET IN WILMINGTON. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$19,000 \$15,000	(HSIP) (HSIP)	\$34,000
HS-2003AI NEW HANOVER PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 117/NC 132 (COLLEGE ROAD), AT SR 2160 (LONG RIDGE ROAD). INSTALL TRAFFIC SIGNAL WITH PEDESTRIAN ACCOMMODATIONS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$4,000 \$435,000	(HSIP) (HSIP)	\$439,000
HS-2003AQ NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 2817 (17TH STREET), AT CASTLE STREET IN WILMINGTON. UPGRADE TRAFFIC SIGNAL AND SIGNS, AND INSTALL PEDESTRIAN SIGNALS AND CURB BUMP OUTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$1,000 \$140,000	(HSIP) (HSIP)	\$141,000

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
HOV 3+ Lanes & I-95

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HS-2003AS BRUNSWICK PROJ.CATEGORY REGIONAL	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 74/76 (ANDREW JACKSON HIGHWAY), EASTBOUND RAMP AT SR 1426 (LANVALE ROAD). INSTALL TRAFFIC SIGNAL.	CONSTRUCTION	FY 2025 - \$2,000 (HSIP) FY 2026 - \$235,000 (HSIP) \$237,000
<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>				
HS-2403A NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1216 (16TH STREET); SR 1217 (17TH STREET), QUEEN STREET AND CASTLE STREET INTERSECTIONS; QUEEN STREET INTERSECTION IN WILMINGTON. INSTALL CROSSWALKS AND OTHER PEDESTRIAN IMPROVEMENTS.	CONSTRUCTION	FY 2025 - \$4,000 (HSIP) FY 2026 - \$399,000 (HSIP) \$403,000
<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>				

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
Modification #24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

BL-0040 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, MIDDLE SOUND LOOP CONNECTOR CONSTRUCTION AND PORTERS NECK WALMART CONNECTOR. CONSTRUCT MULTI-USE PATH. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$554,000	(BGDA)
				FY 2025 -	\$138,000	(L(M))
					\$692,000	
BL-0059 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	FORT FISHER BOULEVARD, K AVENUE, AND NORTH 3RD STREET, INTERSECTION IMPROVEMENTS INCLUDING ADA CROSSWALKS, PEDESTRIAN ACTUATED PUSH BUTTONS, AND SIDEWALK CONNECTIONS IN KURE BEACH. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 -	\$42,000	(TADA)
				FY 2025 -	\$11,000	(L(M))
				FY 2025 -	\$250,000	(TADA)
				FY 2025 -	\$52,000	(L(M))
					\$355,000	
BL-0074 BRUNSWICK PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 17, INSTALLATION OF SIGNALIZED ZEBRA-TYPE PEDESTRIAN CROSSING AT PLOOF ROAD AND OLDE WATERFORD WAY IN LELAND. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 -	\$20,000	(BGDA)
				FY 2025 -	\$4,000	(L(M))
				FY 2025 -	\$438,000	(BGDA)
				FY 2025 -	\$110,000	(L(M))
					\$572,000	
EB-6027 NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1403 (MIDDLE SOUND LOOP), CONSTRUCT MULTI- USE PATH SOUTH OF MARKET STREET FROM RED CEDAR ROAD TO EXISTING TRAIL AT CORNER OF MARKET STREET AND MIDDLE SOUND LOOP ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$1,000,000	(L)
					\$1,000,000	

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
Modification #24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* U-5534C NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GREENVILLE AVENUE, SR 1411 (WRIGHTSVILLE AVENUE) TO HINTON AVENUE IN WILMINGTON. REALIGN INTERSECTION AND CONSTRUCT BIKE LANES AND SIDEWALK ALONG GREENVILLE AVENUE. <u>ADD PROJECT BREAK AT THE REQUEST OF MPO.</u>	CONSTRUCTION	FY 2025 - <u>\$861,000</u> \$861,000	(BGDA)
* U-5534G NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	HOOKER ROAD, SR 1411 (WRIGHTSVILLE AVENUE) TO MALLARD DRIVE / ROSE AVENUE INTERSECTION IN WILMINGTON. CONSTRUCT A 10 FOOT MULTI-USE PATH. <u>ADD PROJECT BREAK AT THE REQUEST OF MPO.</u>	CONSTRUCTION	FY 2025 - <u>\$1,916,000</u> \$1,916,000	(BGDA)
* U-5534H NEW HANOVER PROJ.CATEGORY DIVISION	- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	HINTON AVENUE, PARK AVENUE TO GREENVILLE AVENUE IN WILMINGTON. CONSTRUCT A 10 FOOT MULTI-USE PATH. <u>ADD PROJECT BREAK AT THE REQUEST OF MPO.</u>	CONSTRUCTION	FY 2025 - <u>\$786,000</u> \$786,000	(BGDA)

Proposed Modificaitons
2024-2033 STIP/MPO TIP Programs
Modification #24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* 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>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2025 -	\$1,330,000	(BGANY)
				FY 2026 -	\$7,982,000	(BGANY)
				FY 2027 -	\$7,982,000	(BGANY)
				FY 2028 -	\$5,986,000	(BGANY)
				FY 2029 -	\$2,910,000	(BGANY)
				FY 2030 -	\$2,910,000	(BGANY)
			UTILITIES	FY 2025 -	\$1,600,000	(BGANY)
				FY 2026 -	\$1,600,000	(BGANY)
			CONSTRUCTION	FY 2028 -	\$9,407,000	(BGANY)
				FY 2029 -	\$31,429,000	(BGANY)
				FY 2030 -	\$28,389,000	(BGANY)
				FY 2031 -	\$23,149,000	(BGANY)
				FY 2032 -	\$17,226,000	(BGANY)
					\$141,900,000	

Proposed Modifications
2024-2033 STIP/MPO TIP Programs
Modification #24-9

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

U-6202	- WILMINGTON URBAN AREA	SR 2048 (GORDON ROAD), US 17 BUSINESS (MARKET	BUILD NC ROW	FY 2025 -	\$429,000	(T)
NEW HANOVER	METROPOLITAN PLANNING ORGANIZATION	STREET) TO I-40. WIDEN TO FOUR LANES.		FY 2026 -	\$429,000	(T)
PROJ.CATEGORY		<u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u>		FY 2027 -	\$429,000	(T)
DIVISION		<u>CONSTRUCTION.</u>		FY 2028 -	\$429,000	(T)
				FY 2029 -	\$429,000	(T)
				FY 2030 -	\$429,000	(T)
				FY 2031 -	\$429,000	(T)
				FY 2032 -	\$429,000	(T)
				FY 2033 -	\$429,000	(T)
				AFTER FY 2033 -	\$1,287,000	(T)
			RIGHT-OF-WAY	FY 2025 -	\$5,000,000	(T)
			UTILITIES	FY 2025 -	\$2,626,000	(T)
			BUILD NC CON	FY 2025 -	\$1,220,000	(T)
				FY 2026 -	\$1,220,000	(T)
				FY 2027 -	\$1,220,000	(T)
				FY 2028 -	\$1,220,000	(T)
				FY 2029 -	\$1,220,000	(T)
				FY 2030 -	\$1,220,000	(T)
				FY 2031 -	\$1,220,000	(T)
				FY 2032 -	\$1,220,000	(T)
				FY 2033 -	\$1,220,000	(T)
				AFTER FY 2033 -	\$7,320,000	(T)
			CONSTRUCTION	FY 2025 -	\$0	(T)
				FY 2026 -	\$8,952,000	(T)
				FY 2027 -	\$10,864,000	(T)
				FY 2028 -	\$6,984,000	(T)
					<u>\$57,874,000</u>	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATIONS #24-9 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 #24-9.

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 #24-9.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary



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

MEMORANDUM

To: TCC Members
From: Carolyn Caggia, Associate Transportation Plan/TDM Coordinator
Date: October 9, 2024
Subject: Sponsors of the 2024 Go Coast Get There Greener Challenge

Attached for your consideration is a resolution accepting the donations to be used as prizes for participants in the 2024 Go Coast Get There Greener challenge.

This year's challenge will take place on October 1-31, 2024, and aims to encourage and reward alternative transportation usage. By using alternative transportation, residents of the WMPO region can have a positive impact on traffic congestion and the environment and reduce stress on the roadway network. Each year, Go Coast collaborates with local businesses to award prizes to participants of the Get There Greener challenge. Donations from local sponsors, totaling \$675, for this year's event are as follows:

1. \$100 in Gift Certificates to Two Wheeler Dealer
2. \$50 in Gift Certificates to Ogden Tap Room
3. \$100 in Swag Items from Wilmington Brewing Company
4. \$40 in Transit Passes from Wave Transit
5. \$25 in Gift Certificates and Items from Flytrap Brewing Co
6. \$50 in Gift Certificates to Oceanic Restaurant
7. \$50 in Gift Certificates to Carolina Ale House
8. \$50 in Gift Certificates to Bluewater Waterfront Grill
9. \$100 in Gift Certificates to Henry's Restaurant
10. \$110 in Tickets from Thalian Hall

Wilmington Urban Area Metropolitan Planning Organization

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING THE DONATIONS TO THE WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION FOR THE 2024 GO COAST GET THERE
GREENER CHALLENGE**

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization provides the Transportation Demand Management Program otherwise known as the Go Coast Program which seeks to reduce vehicle miles traveled and the use of single occupancy vehicles in the WMPO region; and

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and Go Cost Committee are holding the Go Coast Get There Greener Challenge, from October 1st – 31st, 2024, as a way to encourage and incentivize citizens in the Cape Fear Region to use alternative modes of transportation for daily activities; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has partnered with local businesses to receive donations in the form of prizes for top participants in the 2024 Go Coast Get There Greener Challenge.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves accepting donations in the form of gift cards, gift certificates, and goodies in the amount of \$675.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NAMING THE MILITARY CUTOFF ROAD
EXTENSION BRIDGE OVER MARKET STREET THE “CORNELIUS E NIXON
BRIDGE”**

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, NCGS §136-18(8) authorizes the North Carolina Board of Transportation to name roads, bridges, or ferries; and

WHEREAS, NCDOT requires unanimous adoption of a resolution in support of the proposed name from the local municipality in which the facility is located; and

WHEREAS, Alice Nixon has requested that the Military Cutoff Bridge over Market Street be named after her father, Cornelius E. Nixon; and

WHEREAS, Cornelius “Sonny” “The Oyster Man” Nixon was a lifelong Wilmingtonian who began working in the oyster business as a child to help support his family at a time when African Americans faced economic difficulties and had few opportunities; and

WHEREAS, Mr. Nixon’s drive and ambition led him to start the county’s first oyster shucking facility on Greenville Sound before purchasing a 10-acre parcel of land on Market Street near Military Cutoff where he built his business, Nixon’s Oyster Plant; which served the community for over 55 years until his passing in 2011; and

WHEREAS, Mr. Nixon was a leading entrepreneur in Wilmington, providing jobs to area residents and retirement benefits to his workers, a benefit rarely provided by small business owners; and

WHEREAS, Mr. Nixon contributed to the long-term health of the oyster industry and coastal waters by promoting the state’s oyster shell recycling program, where customers drop off shells and the Division of Marine Fisheries returns the shells to area waters to provide a habitat for young oysters. As the third largest recycling center in North Carolina, Mr. Nixon was recognized for his efforts by Marine Fisheries in 2010; and

WHEREAS, Mr. Nixon was recognized for his legacy of entrepreneurship and community service when Cape Fear Community College renamed its Minority Male Mentoring program to the Nixon Minority Male Leaders program in 2015. The program has since expanded and is now known as the Nixon Leaders Center, focused on supporting the educational and professional aspirations of underrepresented populations of students; and

WHEREAS, Mr. Nixon demonstrated a commitment to the betterment of Wilmington and New Hanover County throughout his life and created a legacy that lives on today.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the naming of the Military Cutoff Road Extension Bridge over Market Street the “Cornelius E. Nixon Bridge.”

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary



NEW HANOVER COUNTY PARKS & GARDENS

230 GOVERNMENT CENTER DRIVE, SUITE 120 • WILMINGTON, NC 28403
(910) 798-7620 • (910) 798-7621 FAX • WWW.NHCGOV.COM

September 5, 2024

Mr. Mike Kozlosky, Executive Director
Wilmington MPO
929 N. Front Street
Wilmington, NC 28401

Dear Mr. Kozlosky,

Please allow this letter to serve as New Hanover County's official request for additional funds for Project BL-0040, Middle Sound Loop and PN Walmart Connector. Attached is the project's executive summary which includes the funding codes outlined in Agreement #11022 with the NCDOT. Due to the multiple, unanticipated utility conflicts, not only was the design completion delayed, but the estimated construction costs have increased.

NHC is requesting an additional federal grant of \$705,512 and is prepared to provide a local match of \$176,378. A resolution from the NHC Board of County Commissioner's is also included with this letter. It is our intention, if funding is available, to bid construction of the project this fall.

Should you need anything further, please feel free to reach out to me. We appreciate the support and assistance of the WMPO in bringing these bicycle and pedestrian amenities to fruition for our community.

Sincerely,

Tara Duckworth
Director of Parks & Gardens

Executive Summary

The Executive Summary is a summation of this agreement and is not intended to be used as the agreement between the Department (North Carolina Department of Transportation) and the Party (Entity).

Entity: New Hanover County

County: New Hanover

TIP: BL-0040

Project: Middle Sound Loop and PN Walmart Connectors

Scope: construction of connector paths on Middle Sound Loop from Red Cedar to Publix and on Market Street from Mendenhall to Porter's Neck Walmart.

Eligible Activities:

PE		Design
		Environmental
ROW		ROW Acquisition
		Utility Relocation
CON	49659.3.1	Construction
OTHER		
FEDERAL-AID	0332150	

Fund Source	Federal Funds Amount	Reimbursement Rate	Non-Federal Match \$	Non-Federal Match Rate
STBG-DA	\$553,472	80%	\$138,368	20%
Total Estimated Cost		\$691,840		

Responsibility: The New Hanover County shall be responsible for all aspects of the project.

NEW HANOVER COUNTY BOARD OF COMMISSIONERS

RESOLUTION AUTHORIZING THE APPLICATION FOR INFRASTRUCTURE AND IMPROVEMENTS JOB ACT (IIJA) SURFACE TRANSPORTATION BLOCK GRANT PROGRAM-DIRECT ATTRIBUTABLE FUNDS

WHEREAS, the Wilmington Urban Metropolitan Planning Organization (WMPO) will be awarding approximately \$5,087,594 in funding through their Infrastructure and Improvements Job Act (IIJA) Surface Transportation Block Grant Program-Direct Attributable competitive grant process which requires a local cash match of 20%; and

WHEREAS, the New Hanover County Parks and Gardens Department, in coordination with the Planning and Land Use Department, wishes to apply for additional funding through the IIJA Federal Surface Transportation Block Grant Program-Direct Attributable fund for construction of a 10-foot-wide multi-use path (MUP) along portions of Middle Sound Loop Road from Red Cedar to Publix and portions of Market Street from Mendenhall to the Porters Neck Walmart; and

WHEREAS, the trail will provide much needed recreational and alternative transportation opportunities for New Hanover County citizens.

NOW, THEREFORE, BE IT RESOLVED, that the New Hanover County Board of Commissioners hereby authorizes the Parks and Gardens Department to apply for additional funds for this project from the IIJA fund in the amount of \$705,512. New Hanover County will provide the required local cash match of \$176,378 for a total additional project cost of \$881,890.

ADOPTED this 3rd day of September 2024.



NEW HANOVER COUNTY

A handwritten signature in dark ink, appearing to read "William E. Rivenbark", is written over a horizontal line.

William E. Rivenbark, Chair

ATTEST:

A handwritten signature in dark ink, appearing to read "Kimberleigh G. Crowell", is written over a horizontal line.

Kimberleigh G. Crowell, Clerk to the Board

North Carolina Department of Transportation
Preliminary Estimate

TIP No. EB-6027
Route SR 1403 Middle Sound Loop Road
From Existing Path to Red Cedar Road
Typical Section 8' Bicycle and Pedestrian Path

90%

County: New Hanover

CONSTR. COST
\$1,039,626.25

Prepared By: Will Pope/Al Edgerton, Jr.
Requested By: Jim Chism

Date 9/4/2024
Date 9/3/2024

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
1	0000100000-N	800	Mobilization	1	LS	\$ 38,842.00	\$ 39,605.00
2	0000400000-N	801	Construction Surveying	1	LS	\$ 12,000.00	\$ 12,500.00
3	0043000000-N	226	Comprehensive Grading	1	LS	\$ 50,000.00	\$ 50,000.00
4	0196000000-E	270	Geotextile for Soil Stabilization	1,900	SY	\$ 4.00	\$ 6,000.00
5	0335200000-E	305	15" Drainage Pipe	80	LF	\$ 85.00	\$ 6,800.00
6	0335300000-E	305	18" Drainage Pipe	160	LF	\$ 165.00	\$ 26,400.00
7	0448200000-E	310	15" RC Pipe Culverts Class IV	68	LF	\$ 85.00	\$ 5,780.00
8	0448300000-E	310	18" RC Pipe Culverts Class IV	480	LF	\$ 110.00	\$ 52,800.00
9	0448400000-E	310	24" RC Pipe Culverts Class IV	52	LF	\$ 130.00	\$ 6,760.00
10	0448600000-E	310	36" RC Pipe Culverts Class IV	140	LF	\$ 200.00	\$ 28,000.00
11	0449000000-E	310	30" RC Pipe Culverts Class V	92	LF	\$ 170.00	\$ 15,640.00
12	1220000000-E	SP	Incidental Stone Base	70	TON	\$ 70.00	\$ 4,900.00
13	1099500000-E	505	Shallow Undercut	75	CY	\$ 27.00	\$ 2,025.00
14	1099700000-E	SP	Stabilization of Coastal Plain Sands	150	TON	\$ 60.00	\$ 9,000.00
15	1121000000-E	520	Aggregate Base Course	400	TON	\$ 55.00	\$ 22,000.00
16	1519000000-E	610	Asphalt Concrete Surface Course, Type SP9.5B	200	TON	\$ 265.00	\$ 53,000.00
17	2286000000-N	840	Masonry Drainage Structure	12	EA	\$ 4,000.00	\$ 48,000.00
18	2308000000-E	840	Masonry Drainage Structure	0.6	LF	\$ 700.00	\$ 420.00
19	2286000000-N	SP	Conflict Box, Special Drainage Structure	1	EA	\$ 6,000.00	\$ 6,000.00
20	2286000000-N	SP	G.D.I. Type "A" Minimum Depth STD. 840d17	1	EA	\$ 6,000.00	\$ 6,000.00
21	2354200000-N	840	Frame with Grate, Std 840.24	2	EA	\$ 1,525.00	\$ 3,050.00
22	2355000000-N	840	Frame with Grate, Std 840.29	8	EA	\$ 885.00	\$ 7,080.00
23	2396000000-N	840	Frame with Cover, Std 840.54	4	EA	\$ 875.00	\$ 3,500.00
24	2577000000-E	846	Concrete Expressway Gutter	80	LF	\$ 60.00	\$ 4,800.00
25	2580000000-E	846	Concrete Valley Gutter	630	LF	\$ 40.00	\$ 25,200.00
26	2591000000-E	848	4" Concrete Sidewalk	50	SY	\$ 70.00	\$ 3,500.00
27	2605000000-N	848	Concrete Curb Ramp	11	EA	\$ 4,500.00	\$ 49,500.00
28	2612000000-E	848	6" Concrete Driveway	130	SY	\$ 110.00	\$ 14,300.00
29	3575000000-E	864	Fence Reset	70	LF	\$ 40.00	\$ 2,800.00
30	3656000000-E	876	Geotextile for Drainage	295	SY	\$ 4.00	\$ 1,180.00
31	4072000000-E	903	Support, 3 LB Steel U-Channel	70	LF	\$ 15.00	\$ 1,050.00
32	4102000000-N	904	Sign Erection, Type E	5	EA	\$ 140.00	\$ 700.00
33	4116100000-N	904	Sign Erection, Relocate Sign Type E	1	EA	\$ 231.00	\$ 231.00
34	4155000000-N	907	Disposal of Sign System, U-Channel	5	EA	\$ 10.00	\$ 50.00
35	4400000000-E	1110	Work Zone Sign (Stationary)	48	SF	\$ 12.50	\$ 600.00
36	4405000000-E	1110	Work Zone Signs (Portable)	155	SF	\$ 20.00	\$ 3,100.00
37	4430000000-N	1130	Drums	50	EA	\$ 60.00	\$ 3,000.00
38	4435000000-N	1135	Cones	50	EA	\$ 40.00	\$ 2,000.00
39	4455000000-N	1150	Flagger (B Day)	240	Day	\$ 250.00	\$ 60,000.00
40	4695000000-E	1205	Thermoplastic Pavement Marking, Lines (8" 90 MILS)	475	LF	\$ 7.00	\$ 3,325.00
41	4891000000-E	1205	Thermoplastic Pavement Marking, Lines (24" 90 MILS)	35	LF	\$ 30.00	\$ 1,050.00
42	5540000000-E	1515	6" Gate Valve and Valve Box	1	EA	\$ 850.00	\$ 850.00
43	5672000000-N	1515	Relocate Fire Hydrant (Conflict No. 7)	1	EA	\$ 5,350.00	\$ 5,350.00
44	5689000000-E	SP	Adjust Meter Box (Conflict No. 1)	1	EA	\$ 1,350.00	\$ 1,350.00
45	5648000000-N	SP	Relocate Water Meter (Conflict No. 2, 3, 5 and 12)	4	EA	\$ 3,100.00	\$ 12,400.00
46	5689000000-E	SP	Lower Existing Water Main (Conflict No. 4)	1	LS	\$ 27,000.00	\$ 27,000.00
47	5689000000-E	SP	Relocate 2" Water Service (Conflict No. 4)	1	LS	\$ 37,000.00	\$ 37,000.00
48	5689000000-E	SP	Relocate Hot Box (Conflict No. 6)	1	LS	\$ 3,100.00	\$ 3,100.00
49	5689000000-E	SP	Re-Install Water Service (Conflict No. 9, 10, and 14)	3	EA	\$ 3,500.00	\$ 10,500.00
50	5689000000-E	SP	Upgrade Exist Sewer Service (Conflict No. 8, 11, & 15)	3	EA	\$ 18,000.00	\$ 54,000.00
51	5689000000-E	SP	Lower Exist Sewer Service (Conflict No. 13)	1	LS	\$ 37,000.00	\$ 37,000.00
52	5689000000-E	SP	Structural Bridging of Force Main	1	LS	\$ 3,100.00	\$ 3,100.00
53	6000000000-E	1605	Temporary Silt Fence	2,515	LF	\$ 4.50	\$ 11,317.50
54	6006000000-E	1610	Erosion Control Stone, Class A	10	TON	\$ 70.00	\$ 700.00
55	6009000000-E	1610	Erosion Control Stone, Class B	30	TON	\$ 65.00	\$ 1,950.00
56	6012000000-E	1610	Sediment Control Stone	30	TON	\$ 50.00	\$ 1,500.00
57	6015000000-E	1615	Temporary Mulching	0.50	ACR	\$ 1,375.00	\$ 687.50
58	6018000000-E	1620	Seed for Temporary Seeding	200	LB	\$ 5.00	\$ 1,000.00
59	6021000000-E	1620	Fertilizer for Temporary Seeding	1	TON	\$ 1,200.00	\$ 1,200.00
60	6024000000-E	1622	Temporary Slope Drains	50	LF	\$ 19.50	\$ 975.00
61	6029000000-E	SP	Safety Fence	320	LF	\$ 4.00	\$ 1,280.00
62	6030000000-E	1630	Silt Excavation	60	CY	\$ 5.25	\$ 315.00
63	6036000000-E	1631	Matting for Erosion Control	1,500	SY	\$ 3.00	\$ 4,500.00
64	6042000000-E	1632	1/4" Hardware Cloth	325	LF	\$ 4.50	\$ 1,462.50
65	6071010000-E	1642	Wattle	120	LF	\$ 4.50	\$ 540.00
66	6071020000-E	1642	Flocculant	25	LB	\$ 8.00	\$ 200.00
67	6084000000-E	1660	Seeding and Mulching	1.25	ACR	\$ 3,400.00	\$ 4,250.00
68	6087000000-E	1660	Mowing	1.25	ACR	\$ 250.00	\$ 312.50
69	6090000000-E	1661	Seed for Repair Seeding	50	LB	\$ 11.00	\$ 550.00
70	6093000000-E	1661	Fertilizer for Repair Seeding	0.25	TON	\$ 1,400.00	\$ 375.00
71	6096000000-E	1662	Seed for Supplemental Seeding	50	LB	\$ 7.00	\$ 350.00
72	6108000000-E	1665	Fertilizer Topdressing	1.50	TON	\$ 1,410.00	\$ 2,115.00
74	6114500000-E	1667	Specialized Hand Mowing	10	MHR	\$ 140.00	\$ 1,400.00
75	6117000000-E	1675	Response for Erosion Control	25	EA	\$ 365.00	\$ 9,125.00
76	6117500000-E	SP	Concrete Washout Structure	2	EA	\$ 1,150.00	\$ 2,300.00

Lgth 0.299

Contract Cost \$ 831,701.00
E. & C. 15% \$ 124,755.15
Contingency 10% \$ 83,170.10
Construction Cost \$ 1,039,626.25

North Carolina Department of Transportation
Preliminary Estimate

TIP No.
Route
From
Typical Section

Market St MUP
Market Street
Mendenhall Drive to Walmart driveway
8' wide concrete path

90%

County:

New Hanover

CONSTR. COST
\$429,131.25

Prepared By: Will Pope/Al Edgerton, Jr.
Requested By: Jim Chism

Date 9/4/2024
Date 9/3/2024

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
1	0000100000-N	800	Mobilization	1	LS	\$ 16,350.00	\$ 16,345.00
2	0000400000-N	801	Construction Surveying	1	LS	\$ 8,500.00	\$ 8,500.00
3	0043000000-N	226	Comprehensive Grading	1	LS	\$ 35,000.00	\$ 35,000.00
4	0196000000-E	270	Geotextile for Soil Stabilization	105	SY	\$ 4.00	\$ 420.00
5	0335200000-E	305	15" Drainage Pipe	52	LF	\$ 85.00	\$ 4,420.00
6	1099700000-E	SP	Stabilization of Coastal Plain Sands	150	TON	\$ 60.00	\$ 9,000.00
7	1220000000-E	SP	Incidental Stone Base	35	TON	\$ 70.00	\$ 2,450.00
8	1491000000-E	610	Asphalt Concrete Base Course, Type B25.0C	30	TON	\$ 215.00	\$ 6,450.00
9	1503000000-E	610	Asphalt Concrete Intermediate Course, Type I19.0C	15	TON	\$ 245.00	\$ 3,675.00
10	1519000000-E	610	Asphalt Concrete Surface Course, Type SF9.5C	15	TON	\$ 250.00	\$ 3,750.00
11	1254900000-E	846	2'-6" Concrete Curb & Gutter	160	LF	\$ 45.00	\$ 7,200.00
12	2591000000-E	848	4" Concrete Sidewalk	955	SY	\$ 70.00	\$ 66,850.00
13	2605000000-N	848	Concrete Curb Ramp	6	EA	\$ 4,500.00	\$ 27,000.00
14	2612000000-E	848	6" Concrete Driveway	30	SY	\$ 110.00	\$ 3,300.00
15	2845000000-N	858	Adjustment of Valve Boxes	4	EA	\$ 925.00	\$ 3,700.00
16	3656000000-E	876	Geotextile for Drainage	105	SY	\$ 4.00	\$ 420.00
17	4072000000-E	903	Supports, 3 LB Steel U-Channel	15	LF	\$ 15.00	\$ 225.00
18	4102000000-E	904	Sign Erection, Type E	1	EA	\$ 140.00	\$ 140.00
19	4400000000-E	1110	Work Zone Signs (Stationary)	80	SF	\$ 12.50	\$ 1,000.00
20	4405000000-E	1110	Work Zone Signs (Portable)	128	SF	\$ 20.00	\$ 2,560.00
21	4410000000-E	1110	Work Zone Signs (Barricade Mounted)	8	SF	\$ 11.25	\$ 90.00
22	4415000000-N	1115	Flashing Arrow Board	1	EA	\$ 3,550.00	\$ 3,550.00
23	4420000000-N	1120	Portable Changeable Message Sign	1	EA	\$ 11,000.00	\$ 11,000.00
24	4430000000-N	1130	Drums	100	EA	\$ 60.00	\$ 6,000.00
25	4480000000-N	1165	Truck Mounted Attenuator	1	EA	\$ 27,750.00	\$ 27,750.00
26	4891000000-E	1205	Generic Pavement Marking Item (1205) (24", 90 MILS)	350	LF	\$ 30.00	\$ 10,500.00
27	5255000000-N	1413	Portable Construction Lighting	1	LS	\$ 25,750.00	\$ 25,750.00
28	5672000000-N	1515	Relocate Fire Hydrant	1	EA	\$ 5,350.00	\$ 5,350.00
29	6000000000-E	1605	Temporary Silt Fence	3,300	LF	\$ 4.50	\$ 14,850.00
30	6006000000-E	1610	Erosion Control Stone, Class A	35	TON	\$ 70.00	\$ 2,450.00
31	6009000000-E	1610	Erosion Control Stone, Class B	50	TON	\$ 65.00	\$ 3,250.00
32	6012000000-E	1610	Sediment Control Stone	70	TON	\$ 50.00	\$ 3,500.00
33	6015000000-E	1615	Temporary Mulching	0.50	ACR	\$ 1,375.00	\$ 687.50
34	6018000000-E	1620	Seed for Temporary Seeding	100	LB	\$ 5.00	\$ 500.00
35	6021000000-E	1620	Fertilizer for Temporary Seeding	0.50	TON	\$ 1,200.00	\$ 600.00
36	6024000000-E	1622	Temporary Slope Drains	200	LF	\$ 19.50	\$ 3,900.00
37	6029000000-E	SP	Safety Fence	260	LF	\$ 4.00	\$ 1,040.00
38	6030000000-E	1630	Silt Excavation	60	CY	\$ 5.25	\$ 315.00
39	6036000000-E	1631	Matting for Erosion Control	1,400	SY	\$ 3.00	\$ 4,200.00
40	6042000000-E	1632	1/4" Hardware Cloth	280	LF	\$ 4.50	\$ 1,260.00
41	6071010000-E	1642	Wattle	30	LF	\$ 4.50	\$ 135.00
42	6071013000-E	1642	Wattle Barrier	80	LF	\$ 10.50	\$ 840.00
43	6071020000-E	1642	Flocculant	10	LB	\$ 8.00	\$ 80.00
44	6084000000-E	1660	Seeding and Mulching	0.50	ACR	\$ 3,400.00	\$ 1,700.00
45	6087000000-E	1660	Mowing	0.50	ACR	\$ 250.00	\$ 125.00
46	6090000000-E	1661	Seed for Repair Seeding	50	LB	\$ 11.00	\$ 550.00
47	6093000000-E	1661	Fertilizer for Repair Seeding	0.25	TON	\$ 1,500.00	\$ 375.00
48	6096000000-E	1662	Seed for Supplemental Seeding	50	LB	\$ 7.00	\$ 350.00
49	6108000000-E	1665	Fertilizer Topdressing	0.25	TON	\$ 1,410.00	\$ 352.50
50	6114500000-E	1667	Specialized Hand Mowing	10	MHR	\$ 140.00	\$ 1,400.00
51	6117000000-E	1675	Response for Erosion Control	20	EA	\$ 365.00	\$ 7,300.00
52	6117500000-E	SP	Concrete Washout Structure	1	EA	\$ 1,150.00	\$ 1,150.00

Lgth 0.235

Contract Cost	\$ 343,305.00
E. & C. 15%	\$ 51,495.75
Contingency 10%	\$ 34,330.50
Construction Cost	\$ 429,131.25

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF ADDITIONAL DIRECT
ATTRIBUTABLE FUNDS TO NEW HANOVER COUNTY FOR THE MIDDLE SOUND LOOP
AND PORTERS NECK WALMART CONNECTOR (BL-0040)**

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

WHEREAS, on July 18, 2012, the Federal Transit Administration (FTA) and the Federal Highways Administration (FHWA) designated the Wilmington Urban Area Metropolitan Planning Organization as a Transportation Management Area (TMA); and

WHEREAS, Surface Transportation Block Grant- Direct Attributable (STBGP-DA) funds are available for all designated TMAs; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board allocated FY 21 STBGP-DA funds on March 31, 2021 to New Hanover County for the Middle Sound Loop and Porters Neck Walmart Connector; and

WHEREAS, New Hanover County has requested additional Direct Attributable funds in the amount of \$705,512 and is prepared to provide the additional local match in the amount of \$176,378.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the allocation of additional Direct Attributable funding in the amount of \$705,512 to New Hanover County for the Middle Sound Loop and Porters Neck Walmart Connector (BL-0040)

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary



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

Memorandum

To: TCC Members

From: Abby Lorenzo, Deputy Director

Date: October 3, 2024

Subject: Direct Attributable (DA) project funding recommendations in response to FY25 Call for Projects

In 2012, the Wilmington Urban Area Metropolitan Planning Organization (WMPO) was designated as a Transportation Management Area (TMA) because of the urban area population exceeding 200,000 in the 2010 Decennial Census. With the TMA designation, the WMPO has additional federal reporting requirements as well as became a direct recipient for Surface Transportation Block Grant Program (STBG), Transportation Alternatives Set Aside (TA), and Carbon Reduction Program (CRP) funds to be awarded to local projects through the organization's own competitive application process.

For federal Fiscal Year 2025, beginning October 1, 2024, through September 30, 2025, the WMPO anticipates receiving the following approximate amounts in direct attributable funding:

Surface Transportation Block Grant (STBG) - \$ 4,502,892
Transportation Alternatives Set Aside (TA) - \$752,086
Carbon Reduction Efforts (CR) - \$801,858

In addition to the anticipated FY 2025 funding amounts, \$99,561 in funding is available from the WMPO's FY 24 direct attributable allocation.

The WMPO typically utilizes a portion of its annual direct attributable funding to supplement the organization's annual operations and planning activities through the Unified Planning Work Program (UPWP). Additionally, increasing construction costs over the past several years has resulted in significantly greater project costs, requiring many previously awarded and funded projects to request additional funding to complete construction. Based on these factors, WMPO staff recommend holding a total of \$2,100,000 of available direct attributable funding for the

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

development of the FY 26 UPWP and additional funding requests for existing funded projects. This results in an estimated total of WMPO direct attributable funding to award to projects for FY 25 of **\$4,056,397**.

The WMPO issued a call for project applications for FY 25 STBGP, TA, and CRP funding on July 5, 2024, with a deadline for submittal of September 13, 2024. A total of nine (9) complete applications were received and evaluated based on the WMPO's adopted scoring process. The following table lists each of these projects, evaluated score, rank, and project cost.

FY 25 Call for Projects – Ranked Projects

Applicant	Project Name	Score	Rank	Cost
City of Wilmington	17th St MUP	71	1	\$2,400,000
Town of Belville	Gullah Geechee Trail Gap	66	2	\$720,000
New Hanover County	S College Rd MUP	62	3	\$3,079,850
Pender County	Country Club Dr MUP	57	4	\$886,000
Town of Carolina Beach	S Lake Park Blvd Sidewalks	50	5	\$1,073,154.40
NCDOT Division 3	Lanvale Signal Installation	37	6	\$943,200
Town of Navassa	Mill Branch Culvert Replacement	28	7	\$404,202
City of Wilmington	Greenfield Park Lions Bridge	27	8	\$513,872
Town of Wrightsville Beach	WB Park MUP Loop Connect	24	9	\$1,130,996
Available funding to award				\$3,956,397

Based on the scores and the associated costs of the nine project applications, WMPO staff recommend funding the following projects for FY 25:

17th Street MUP
 City of Wilmington
 Requested Amount: \$2,400,000

Gullah Geechee Trail Gap
 Town of Belville
 Requested Amount: \$720,000

Country Club Drive MUP Design
 Pender County
 Requested Amount: \$886,000

Total sum of FY 25 awards: \$4,006,000

Due to the requested funding amount of the third ranked project, and based on conversations with the applicant, WMPO staff recommend funding the fourth ranked project with FY 25 funding

preemptively programming a portion of its anticipated FY 26 federal funding amounts to the third ranked project. The anticipated FY 26 federal funding amount is estimated to be consistent with the FY 25 allocations less the UPWP contribution and recommended fund reserve set aside.

S. College Road MUP Construction
New Hanover County
Requested Amount: \$3,079,850

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AWARDING THE FY25 SURFACE TRANSPORTATION BLOCK
GRANT PROGRAM AND CARBON REDUCTION PROGRAM – DIRECT
ATTRIBUTABLE PROGRAM FUNDS**

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

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

WHEREAS, on November 15, 2021, the Federal Infrastructure Investment and Jobs Act (IIJA) infrastructure package was signed into law, revising and expanding the funds available for qualifying projects; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization (WMPO) is the recipient of allocated funds for Surface Transportation Block Grant Program (STBGP) Direct Attributable, Transportation Alternatives Set Aside and Carbon Reduction Efforts; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has the ability to program Surface Transportation Block Grant Program (STBGP-DA AND TA-DA) and Carbon Reduction Program (CRP) funds on projects submitted by eligible entities through a competitive process; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has developed the Surface Transportation Block Grant Program and Carbon Reduction Program Submittal Guide and Competitive Process for the distribution of these funds; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board endorsed the Surface Transportation Block Grant Program and Carbon Reduction Program Submittal Guide and Competitive Process on May 29, 2024; and

WHEREAS, on July 5, 2024, the Wilmington Urban Area Metropolitan Planning Organization solicited qualified project applications from member jurisdictions; and

WHEREAS, on September 13, 2024, nine eligible submittals were received and subsequently ranked them according to the adopted process.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby awards the following sums from the Surface Transportation Block Grant Program and Carbon Reduction Program – Direct Attributable allocations in accordance with the FY25 Submittal Guide and competitive process:

17th Street MUP
City of Wilmington
Requested Amount: \$2,400,000

Gullah Geechee Trail Gap
Town of Belville
Requested Amount: \$720,000

Country Club Drive MUP Design
Pender County
Requested Amount: \$886,000

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2024.

Henry E. Miller III, Chair

Mike Kozlosky, Secretary

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
A192168	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Upgrade Visual Approach Aids & Runway Lighting	N34.259157 W77.913999	N/A	This project upgrades runway 6, 17, and 24 visual approach slope indicators (VASI's) to precision approach path indicators (PAPIs). It also changes the pilot-activated runway lighting switch from runway 17/35 to 6/24 using the common traffic advisory frequency (CTAF)	1700 - Approach Lighting	\$ 1,000,000	N/A	55.43	38.24	88.24		100	25	25	238.24		
A150101	Aviation	AV-5795	Statewide Mobility	ILM - Wilmington International Airport: GA Apron Expansion	TBD-Carryover-need location of project on airport	N/A	The airport is experiencing unprecedented demand for GA and corporate tiedown and hangar space, exceeding ramp availability. Project Expands the North Apron toward new tenant ramp areas to expand capacity and enhance economic development within the corporate GA community.	1200 - Aircraft Apron / Helipad Requirements	\$ 1,000,000	N/A	54.92	38.69	88.69		100	50	75	313.69	100	
A231118	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Apron Maintenance	34?, 16', 18.6"N 77?, 54', 32.38"W	N/A	Perform maintenance and renovations on the Modern Aviation FBO Ramp to ensure a safe operating surface amid increasing demand.	1200 - Aircraft Apron / Helipad Requirements	\$ 1,000,000	N/A	47.56	35.04	85.04		0	25	25	135.04		
A192166	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Runway 35 Wind Cone/PAPI Replacement	N34.279962 W77.907966	N/A	Existing wind cone and PAPIs for Runway 35 are nearing end of life. Additionally, the PAPI and Power Supply Unit (PSU) is located inside the RSA and needs to be relocated to meet current FAA standards. This project will be designed and constructed to replace the runway 35 wind cone due to its useful life. The PAPI's and power supply unit (PSU) needs to be relocated outside the Runway Safety Area (RSA) per FAA Standards. Includes Project Request Number: 3805	3000 - Other	\$ 500,000	N/A	30.68	18.93	68.93		100	25	50	243.93		
A150420	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Perimeter Road Improvements (Ph.1)	Various Areas, General Location: 34?, 16', 21.59"N 77?, 53',56.94"W	N/A	Project will improve safety and emergency response by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas while also providing enhanced separation of airport operational vehicles, emergency response vehicles and aircraft.	3000 - Other	\$ 500,000	N/A	18.56	11.50	61.50		100	25	100	286.50	100	

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
A231184	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Airline and Customs Apron ? Clean/Seal Joints, Pavement Repair	34?, 16', 24.71"N 77?, 54', 35.45"W	N/A	This project cleans, seals, and repairs joints and concrete pavement sections for the Air Carrier and Customs Aprons to ensure a safe and adequate pavement system at on the existing airline and customs ramp.	3000 - Other	\$ 500,000	N/A	13.12	8.48	58.48		100	25	25	208.48		
A170927	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Emergency Boat Ramp Access Launch Rwy 6	34?, 15', 33.49"N 77?, 54', 45.32"W	N/A	The existing emergency water rescue ramp (boat access) is an unimproved riverbank and regularly susceptible to erosion by tide and current. This project will Provide stabilized access for Rescue boat along with a dock to support life safety activities in response to waterway aircraft crash emergencies at runway end.	3000 - Other	\$ 1,000,000	N/A	17.99	11.12	61.12		100	25	75	261.12	100	
A231185	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Overlay Airport Blvd, Building Circulation and Surrounding Roadways	34?, 16', 4.44"N 77?, 55', 10.85"W	N/A	Overlay aging pavement on Airport Blvd. and ILM roadways leading to N 23rd St. to accommodate increasing traffic and support ILM passenger growth.	3000 - Other	\$ 1,000,000	N/A	16.14	10.49	60.49		100	25	25	210.49		
A231119	Aviation		Statewide Mobility	ILM - Wilmington International Airport: Perimeter Road Improvements (Ph. 2)	34?, 16', 24.33"N 77?, 53', 36.15"W	N/A	Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. (Phase 2)	3000 - Other	\$ 500,000	N/A	12.42	8.01	58.01		100	25	25	208.01		
B230787	Bicycle & Pedestrian		Division Needs	Central College Road Trail	SR-2048 (Gordon Road)	SR-2206 (Northchase Parkway NE)	Construct a 10' shared-use path adjacent to US 117/NC 132/N College Road.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 8,460,200	N/A	N/A	30.22	80.22		100	50	25	255.22	100	Per WMPO's adopted LIP methodology, the highest scoring project from each non-highway mode NOT included in top 16 projects will be elevated to replae the lowest scoring highway project(s) within the top 16 to ensure multimodal point assignment.

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
B230788	Bicycle & Pedestrian		Division Needs	South College Road Trail	South 17th Street	SR-1521 (Piner Road)	Construct a 10' shared-use path adjacent to NC 132 (N College Road) from South 17th Street to SR-1521 (Piner Road).	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 8,477,600.00	N/A	N/A	35.27	85.27		100	50	25	260.27	100	Per WMPO's adopted LIP methodology, the highest scoring project from each non-highway mode NOT included in top 16 projects will be elevated to replae the lowest scoring highway project(s) within the top 16 to ensure multimodal point assignment.
B230789	Bicycle & Pedestrian		Division Needs	NC-133 (River Road SE) Belville Trail Ext/Gullah Geechee Heritage Greenway	Rice Hope Run	SR-1547 (Brunswick Place)	Construct a 10' shared-use path adjacent to NC-133 (River Road SE).	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 995,400	N/A	N/A	14.31	64.31		100	25	25	214.31		
B230803	Bicycle & Pedestrian		Division Needs	US 421 (Carolina Beach Road) Pedestrian Crossing Improvements	SR-1247 (Antoinette Drive)	N/A	Construct crosswalks at existing signalized intersection of US 421 (Carolina Beach Road) and SR-1247 (Antoinette Drive). Includes six (6) curb ramps, six (6) pedestrian signal heads, and three (3) painted crosswalks.	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 541,200	N/A	N/A	29.99	79.99		100	25	25	229.99		
B230808	Bicycle & Pedestrian		Division Needs	US421 (Carolina Beach Road) Pedestrian Crossing Improvements	SR-1492 (Myrtle Grove Road)	N/A	Construct crosswalks at existing signalized intersection of US 421 (Carolina Beach Road) and SR-1492 (Myrtle Grove Road). Includes six (6) curb ramps, six (6) pedestrian signal heads, and three (3) painted crosswalks.	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 381,200	N/A	N/A	23.50	73.5		100	25	25	223.5		
B230917	Bicycle & Pedestrian		Division Needs	NC132 (College Road) Pedestrian Crossing Improvements	Shopping Center Drive		Construct crosswalks at existing signalized intersection of NC 132 (S College Road) and Shopping Center Drive. Includes six (6) curb ramps, six (6) pedestrian signal heads, and three (3) painted crosswalks.	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 606,000	N/A	N/A	20.12	70.12		100	25	25	220.12		
B231163	Bicycle & Pedestrian		Division Needs	SR 1521/1492 (Piner Road/Grissom Road/Masonboro Loop Road)	NC 132 (College Road)	Masonboro Sound Road	Construct a multi-use path along Piner Rd. and Masonboro Loop Road from the Monkey Junction intersection to the Masonboro Loop Road/Masonboro Sound Road intersection.	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 7,525,800	N/A	N/A	32.78	82.78		0	25	25	132.78		
B231167	Bicycle & Pedestrian		Division Needs	US 421 (Carolina Beach Road)	SR 1247 (Antoinette Drive)	NC 132 (College Road)	Construct a multi-use path along Carolina Beach Road from Antoinette Drive to the Monkey Junction intersection.	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 300,000	N/A	N/A	36.21	86.21		50	25	25	186.21		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
B231169	Bicycle & Pedestrian		Division Needs	US 421 (Carolina Beach Road)	George Anderson Drive	Willoughby Park Court	Construct a multi-use path along Carolina Beach Road from the intersection of George Anderson Drive to Willoughby Park Court intersection.	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 3,902,000	N/A	N/A	34.37	84.37		0	25	25	134.37		
B231171	Bicycle & Pedestrian		Division Needs	US 421 (Carolina Beach Road)	SR 1187 (Sanders Road)	SR 2566 (Halyburton Memorial Parkway)	Construct a multi-use path along S College Beach Road from Sanders Road to the intersection with Halyburton Memorial Parkway.	2 - Off-Road/Separat ed Linear Bicycle Facility (Bicycle)	\$ 3,047,200	N/A	N/A	32.44	82.44		50	25	25	182.44		
F230763	Ferry		Regional Impact	Southport - Ft Fisher	Fort Fisher terminal / Fort Fisher Blvd	N/A	Install 5' sidewalk to connect Fort Fisher ferry terminal building entrance to US 421 (has dedicated bicycle lanes and proposed MUP)	13 - Other Terminal or Shipyard Infrastructure	\$ 39,006	N/A	42.95	31.67	81.67		0	25	25	131.67	100	Per WMPO's adopted LIP methodology, the highest scoring project from each non-highway mode NOT included in top 16 projects will be elevated to replae the lowest scoring highway project(s) within the top 16 to ensure multimodal point assignment.
T230773	Transit		Division Needs	Route 101 Stop Improvements (10 Stops)	Stop ID-10531 Princess Place Dr EB at Mary S Mosley Stop ID-10108 Princess Place Dr WB at Glendale Dr Stop ID-10502Princess Place Dr WB at 30th St Stop ID-10528Princess Place Dr EB at 30th St Stop ID-10103Market St WB at Bonefish Grill Stop ID-10593E Stewart Cir NB at Spaulding Dr Stop ID-10508Rankin St WB at 11th St Stop ID-10510McRae St NB at Fanning St Stop ID-10501Princess Place Dr WB at Montgomery Dr Stop ID-10516Nixon St EB at 5th St	N/A	Install shelter, bench, trash receptacle, and bike rack amenities at 10 stop locations on fixed route 101.	6 - Facility - Stop/Shelter	\$ 142,000	N/A	N/A	18.75	68.75		100	25	25	218.75		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
T230783	Transit		Division Needs	Route 105 Stop Improvements (8 Stops)	Stop ID-1101217th St SB at Harbour Dr Stop ID-10150Market St WB at Princess Place Dr Stop ID-1103817th St SB at Glen Meade Dr Stop ID-1100416th St SB at Wright St Stop ID-11000Independence Mall Stop ID-11009New Hanover Regional Medical Center Stop ID-11017Wilshire Blvd EB at Emerald Square Stop ID-10542Market St WB at Sycamore St	N/A	Install shelter, bench, trash receptacle, and bike rack amenities at 8 stop locations on fixed route 105.	6 - Facility - Stop/Shelter	\$ 113,600	N/A	N/A	15.83	65.83		0	25	25	115.83		
T230784	Transit		Division Needs	Route 108 Stop Improvements (11 Stops)	Stop ID-10555Market St EB at 12th St Stop ID-10534Market St EB at Cinema Dr Stop ID-10543Market St WB at 30th St (YMCA) Stop ID-10556Market St EB at 16th St Stop ID-10554Market St EB at 9th St (Cape Fear Museum) Stop ID-10553Market St EB at 6th St Stop ID-10548Market St WB at 16th St Stop ID-10532Market St EB at Barclay Hills Dr Stop ID-10184Market St EB at Walton Rd Stop ID-10544Market St WB at 29th St (YMCA) Stop ID-10533Market St EB at Wetsig Rd	N/A	Install shelter, bench, trash receptacle, and bike rack amenities at 11 stop locations on fixed route 108.	6 - Facility - Stop/Shelter	\$ 156,200	N/A	N/A	18.33	68.33		0	25	25	118.33		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
T230785	Transit		Division Needs	Route 205 Stop Improvements (8 Stops)	Stop ID-11132Greenfield St WB at 5th St Stop ID-11102Medical Center Dr WB at Carolina Beach Rd Stop ID-11089Martin St EB at 10th St Stop ID-111335th St NB at Meares St Stop ID-11097Doctors Cir WB at Cypress Grove Dr Stop ID-11106Wellington Ave EB at Troy Dr Stop ID-11101Medical Center Dr WB at Silver Stream Ln Stop ID-111435th St NB at Martin St	N/A	Install shelter, bench, trash receptacle, and bike rack amenities at 8 stop locations on fixed route 205.	6 - Facility - Stop/Shelter	\$ 113,600	N/A	N/A	19.52	69.52		100	25	25	219.52	100	Per WMPO's adopted LIP methodology, the highest scoring project from each non-highway mode NOT included in top 16 projects will be elevated to replae the lowest scoring highway project(s) within the top 16 to ensure multimodal point assignment.
T230786	Transit		Division Needs	Paratransit Vehicles (2 Vehicles)	Varies, serving all of New Hanover County (incorporated and unincorporated areas)	N/A	Purchase of two paratransit vehicles to accommodate increased demand response services (beyond FTA requirements).	4 - Demand Response	\$ 196,000	N/A	N/A	40.19	90.19		0	25	25	140.19		
R150128	Rail		Division Needs	CSX SE Line (Wilmington Multimodal Transportation Center)	Downtown Wilmington Multimodal Transportation Center located on Campbell Street between 3rd and 4th Street.	N/A	Construct a passenger station to accommodate future rail service between Raleigh and Wilmington. This passenger station will be a part of a larger multimodal center ultimately accommodating public transportation, private mass transportation, passenger rail, bicyclists, and pedestrians.	4 - Passenger rail station improvement or construction (point)	\$ 93,925,000	N/A	N/A	17.13	67.13		100	50	100	317.13	100	
R230597	Rail		Regional Impact	NCDOT AC Line (preserved)	New route from N 3rd St to King St in Wilmington	N/A	Construct new route on existing preserved corridor of NCDOT AC Line from future rail station in Wilmington at N 3rd Street and tie into the existing CSX ACB Line at King Street (Crossing ID 629 284Y).	5 - Passenger rail service (line)	\$ 10,903,000	N/A	13.52	11.81	61.81		0	25	25	111.81		
R230604	Rail		Regional Impact	NCDOT AC Line (preserved) & CSX SE Line	Wilmington to Castle Hayne	N/A	Construct new route on existing preserved corridor of NCDOT AC Line from future rail station in Wilmington at N 3rd Street and tie into proposed Castle Hayne station via the CSX SE Line.	5 - Passenger rail service (line)	\$ 34,536,000	N/A	14.72	12.21	62.21		0	25	25	112.21		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
R150127	Rail		Statewide Mobility	New Route: from Davis Yard to the Port of Wilmington	New trackage from Davis Yard in Navassa south on west side of Cape Fear River, crossing river, terminating at Port of Wilmington	N/A	New, shorter route connecting Davis Yard in Navassa to Port of Wilmington. Davis Yard south section includes crossing Cape Fear River parallel to Thomas Rhodes bridge (US 74/421) and crossing US 17/74/76/NC 133. Southern rail crossing section will be on (or parallel to) Cape Fear Memorial Bridge. East side section connects bridge crossing to Port of Wilmington. Assumes the 30 crossings on Wilmington Beltline will close and CSX will cease operations on ACB branch to operate on this new alignment.	1 - Freight rail corridor improvement or construction (line)	\$ 864,075,000	66.14	43.92	28.7	78.7		0	25	75	178.7		
R192033	Rail		Statewide Mobility	CSX AF Line (Yadkin Spur, CNC Lead)	US 17/421 South of I-140 Dan Cameron Bridge, Wilmington	N/A	Safety improvements to US 17 / 421 Railroad Crossing south of I-140/Dan Cameron Bridge, Crossing ID# 629 163B. Install gates, signalization and supplementary safety measures per FRA guidelines to achieve optimal benefit per spending.	3 - Highway-rail crossing improvement (point)	\$ 1,700,000	61.59	47.08	33.93	83.93		0	25	50	158.93		
R230591	Rail		Statewide Mobility	CSX SE Line	SR 1302 (23rd Street), New Hanover County	N/A	Construction of grade separation with road OVER rail at SR 1302 (23rd Street) at Crossing ID 628 721N near intersection of SR 1302 (23rd Street) and SR 1399 (Blue Clay Road) in Wilmington, NC.	3 - Highway-rail crossing improvement (point)	\$ 22,900,000	52.04	38.18	31.03	81.03		0	25	25	131.03		
R230594	Rail		Statewide Mobility	CSX AC Line	SR 1438 (Lanvale Rd), Brunswick County	N/A	Construction of grade separation with road OVER rail at SR 1438 (Lanvale Road NE) Crossing # 629 191E near Leland, NC.	3 - Highway-rail crossing improvement (point)	\$ 16,075,000	49.45	36.24	29.81	79.81		0	25	25	129.81		
R231037	Rail		Statewide Mobility	CSX AC (MRSX DOD Junction)	SE Quadrant of the AC/DOD junction, near Leland	N/A	Construct a third leg to create a full wye junction where the MRSX DOD Line meets the CSX AC Line. Proposed limits of Old Fayetteville Rd and Lanvale Rd NE. The project is funding-eligible since CSX uses the first two miles of DOD trackage to conduct interchange with the DOD.	2 - Freight rail facility improvement or construction (point)	\$ 6,025,000	27.75	23.09	18.32	68.32		0	25	25	118.32		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
R150125	Rail		Statewide Mobility	CSX AF Line	MP AF 286.6, near the former Invista facility located on the New Hanover side of the New Hanover / Pender County boundary to the Pender County Commerce Park facility	N/A	Construct approximately 1.5 mile rail line extension from MP AF 286.60 (near Invista) to support new rail volumes inbound & outbound from Pender Commerce Park. Project includes at-grade crossing improvements to US 421 (Crossing # 629 171T).	1 - Freight rail corridor improvement or construction (line)	\$ 7,225,000	21.70	17.77	12.98	62.98		0	25	100	187.98		
R192058	Rail		Statewide Mobility	CSX ACB Line (New Route/Location)	New railroad line: Cape Fear Memorial Bridge to Port of Wilmington's north end	N/A	Construct new rail line connecting the Cape Fear Memorial Bridge to the NCSPA-owned trackage at its north end in Wilmington (Surry St to CSX ACB Line to port). The project is funding-eligible since CSX uses trackage to conduct interchange with WTRY (port). The project would also maintain project funding eligibility if CSX reserved rights to own and/or operate over this stretch of trackage in the future upon the full implementation of the Rail Realignment Project.	1 - Freight rail corridor improvement or construction (line)	\$ 864,075,000	18.06	15.34	13.27	63.27		0	25	50	138.27		
H090713	Highway		Regional Impact	NC 133 (River Road)	SR 1551 (Blackwell Road)	SR 1599 (Jackeys Creek Lane)	Widen NC133 (River Road SE) from SR 1551 (Blackwell Road) to SR 1599 (Jackey's Creek Lane SE) to four-lane, divided cross section with curb and gutter.	1 - Widen Existing Roadway	\$ 99,600,000	N/A	31.14	30.16	80.16		100	25	25	230.16		
H110980	Highway	U-5863	Regional Impact	NC 133 (Castle Hayne Road)	SR 1310 (Division Drive)	I-140/US 17	Widen to 3 lanes.	1 - Widen Existing Roadway	\$ 89,372,000	N/A	41.73	33.58	83.58		100	50	100	333.58	100	
H110993	Highway	U-6080	Division Needs	SR 1175 (Kerr Avenue)	Patrick Avenue	SR 1411 (Wrightsville Avenue)	Widen existing 2-lane facility to 4-lane divided facility with bicycle lanes, 5' sidewalk, 10' multiuse path	1 - Widen Existing Roadway	\$ 108,700,000	N/A	N/A	24.64	74.64		100	50	100	324.64	100	
H149006-A	Highway	U-5702B	Regional Impact	NC 132 (College Road)	US 421 (Carolina Beach Road)	US 117 (Shipyards Boulevard)	Access management and travel time improvements.	11 - Access Management	\$ 96,000,000	N/A	46.39	35.02	85.02		100	50	100	335.02	100	
H150013	Highway		Regional Impact	NC 210	SR 1002 (Island Creek Road)	SR 1574 (Dallie Futch Road)	Realign intersection of NC 210 and SR 1002 (Island Creek Road) to t-intersection and install traffic signal. Remove SR 1574 (Dallie Futch Road) intersections at NC 210 and SR 1002.	21 - Realign Multiple Intersections	\$ 14,433,148	N/A	24.62	18.76	68.76		100	25	100	293.76	100	
H170225	Highway		Division Needs	SR 1437 (Old Fayetteville Road)	US 74/76 (Andrew Jackson Highway)	N/A	Convert grade-separation of SR 1437 (Old Fayetteville Road) at US 74/76 (Andrew Jackson Highway) to an interchange.	9 - Convert Grade Separation to Interchange	\$ 116,800,000	N/A	N/A	11.67	61.67		100	25	50	236.67		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H170244	Highway		Regional Impact	NC 133 (River Road)	SR 1599 (Jackeys Creek Lane SE)	Rabon Way SE	Widen NC133 (River Road SE) from SR 1599 (Jackey's Creek Lane SE) to Rabon Way to four-lane, divided cross section with curb and gutter.	1 - Widen Existing Roadway	\$ 113,500,000	N/A	23.26	20.59	70.59		100	25	75	270.59		
H191999	Highway		Regional Impact	US 17 Business (Market Street)	SR 1217 (South 17th Street)	Covil Avenue	Implement Road Diet on US 17 Busines (Market Street) between SR 1217 (S. 17th Street) and Covil Avenue to improve safety.	24 - Implement Road Diet to Improve Safety	\$ 39,600,000	N/A	41.90	33.59	83.59		0	25	50	158.59		
H192190	Highway		Division Needs	New Route	US 17 (Ocean Highway)	NC 133 (River Road)	Construct new roadway connection between US 17 and NC 133 in Brunswick County.	5 - Construct Roadway on New Location	\$ 41,500,000	N/A	N/A	37.51	87.51		100	25	50	262.51		
H230956	Highway		Regional Impact	US 421 (Carolina Beach Road)	SR 1576 (River Road)	Access Road	Replacement of existing bridge structure over Snow's Cut. Proposed cross section includes raised median, shoulders, and 12' MUP.	26 - Upgrade Roadway	\$ 90,822,977	N/A	28.48	22.31	72.31		100	25	25	222.31		
H230961	Highway		Regional Impact	US 74, US 76 (Causeway Drive)	Airlie Road	US 74 (West Salisbury Street)	Replace moveable span, 4-lane, undivided bridge with fixed span, 4-lane divided bridge with 12' multi-use path facility.	26 - Upgrade Roadway	\$ 112,100,000	N/A	21.52	17.04	67.04		100	25	25	217.04		
H230967	Highway		Division Needs	SR 1318 (Blue Clay Road)	I-140	N/A	Convert existing grade separation at SR 1318 (Blue Clay Road) and I-140 to interchange.	9 - Convert Grade Separation to Interchange	\$ 69,200,000	N/A	N/A	9.62	59.62		100	25	25	209.62		
H230968	Highway		Regional Impact	US 17, US 76 (Oleander Drive)	SR 1209 (Independence Boulevard	US 117, NC 132 (South College Road)	Construct access management improvements to existing 6-lane, divided cross section.	11 - Access Management	\$ 60,900,000	N/A	32.98	25.32	75.32		100	25	25	225.32		
H230971	Highway		Regional Impact	US 17/US 76 (Oleander Drive)	Pine Grove Drive	Greenville Loop Road	Construction of access management improvements to include raised median, turning lanes, and driveway access closures.	11 - Access Management	\$ 84,600,000	N/A	41.94	31.95	81.95		0	25	25	131.95		
H230961	Highway		Division Needs	SR 1209 (Independence Boulevard)	US 421 (Carolina Beach Road)	River Road	Widen Independence Boulevard to 4-lane, divided cross section with multiuse path and 5' sidewalk.	18 - Widen Existing Local (Non-State) Roadway	\$ 72,000,000	N/A	N/A	17.84	67.84		100	25	25	217.84		
H231084	Highway		Division Needs	SR 1492 (Myrtle Grove Road), SR 1521 (Piner Road)	SR 1520 (Grissom Road)	N/A	Redesign multiple intersections along SR 1521 (Piner Road) and SR 1492 (Myrtle Grove Road). SR 1521 at SR 1520; SR 1521 at SR 1492; and SR 1492 at SR 1520. Widen SR 1521 from US 421 to SR 1492 to include median divider, multiuse path, and 5' sidewalk.	21 - Realign Multiple Intersections	\$ 6,021,000	N/A	N/A	30.36	80.36		0	25	25	130.36		
H231085	Highway		Division Needs	SR 1572/SR 1336 (Sidbury Road)	Hampstead Bypass (R-3300A)	N/A	Convert future grade separation on SR 1572 (Sidbury Road) at Hampstead Bypass to interchange.	9 - Convert Grade Separation to Interchange	\$ 13,900,000	N/A	N/A	6.60	56.60		100	25	25	206.60		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
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H231099	Highway		Division Needs	Greenville Loop Road	US 17, US 76 (Oleander Drive)	Pine Grove Drive	Widen to 4-lane divided roadway with 10' multi-use path and sidewalk.	18 - Widen Existing Local (Non-State) Roadway	\$ 146,600,000	N/A	N/A	32.15	82.15		100	25	25	232.15		
H231111	Highway		Division Needs	SR 1322 (Murrayville Road)	I-40	N/A	Convert grade separation of SR 1322 (Murrayville Road) at I-40 to half clover interchange. Also to include modernization of SR 1322 (Murrayville Road) between US 117/NC 132 and I-40.	9 - Convert Grade Separation to Interchange	\$ 49,000,000	N/A	N/A	17.16	67.16		100	25	25	217.16		
H231112	Highway		Division Needs	SR 1322 (Murrayville Road)	I-40	US 17 Busines (Market Street)	Modernization of SR 1322 (Murrayville Road) between I-40 and current terminus at Crooked Pine Road. Extension of SR 1322 (Murrayville Road) from Crooked Pine Road to US 17 Busines (Market Street).	6 - Widen Existing Roadway and Construct Part on New Location	\$ 92,700,000	N/A	N/A	36.05	86.05		100	25	25	236.05		
H231114	Highway	U-6083	Division Needs	SR 1302 (N 23rd Street)	US 74 (MLK Jr Parkway)	Airport Boulevard	The project proposes the widening of N. 23rd St. from Airport Blvd. to Martin Luther King Jr. Pkwy (see Vicinity Map above) in Wilmington, NC (New Hanover County). The project will extend the outside north bound thru lane and drop it as a right turn into the Wilmington International Airport.	1 - Widen Existing Roadway	\$ 6,400,000	N/A	N/A	32.78	82.78		100	50	75	307.78	100	
H231115	Highway		Division Needs	SR 1318 (Blue Clay Road)	US 117 (College Road)	SR 1175 (North Kerr Avenue)	Modernize SR 1318 to include lane and shoulder width modifications and turning lanes.	16 - Modernize Roadway	\$ 15,100,000	N/A	N/A	15.67	65.67		100	25	25	215.67		
H090287-AG	Highway	R-4462	Statewide Mobility	US 74, US 76	NC 87 (Maco Road)	SR 1426 (Mount Misery Road)	Upgrade Roadway to interstate Standards	2 - Upgrade Arterial to Freeway/Expressway	\$ 68,300,000	81.50	50.93	33.56	83.56		0	25	100	208.56		
H149006-D	Highway	U-5881	Statewide Mobility	NC 132 (College Road)	New Centre Drive	SR 2048 (Gordon Road)	Upgrade Roadway	2 - Upgrade Arterial to Freeway/Expressway	\$ 42,900,000	73.72	51.79	37.25	87.25		100	50	100	337.25	100	
H193097	Highway		Statewide Mobility	US 17	SR 1563 (Sloop Point Loop Road)	NC 210	Upgrade to a controlled access facility with service roads.	2 - Upgrade Arterial to Freeway/Expressway	\$ 195,700,000	71.54	39.43	25.59	75.59		0	25	50	150.59		
H090499-B	Highway	U-4902B	Statewide Mobility	US 17 Business (Market Street)	CSX Railroad	117/NC 132 (College Road).	Construct Access Management Improvements	11 - Access Management	\$ 33,600,000	68.61	49.02	37.27	87.27		0	100	25	212.27		

Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 7.0 Quantitative Score (x of 100)	Division 3 Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Number of Prioritization Cycles (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H171924	Highway	U-4738	Statewide Mobility	US 17 (Ocean Highway), US 74, US 421 (Carolina Beach Road), US 117 (Shipyard Boulevard), US 17 BUS, Cape Fear Crossings Alternative	US 117 (Shipyard Boulevard)	I-140 (Wilmington Bypass)	Upgrade existing facilities to provide additional mobility and access between New Hanover and Brunswick Counties and to the NC Port of Wilmington. Includes new river crossing south of existing Cape Fear Memorial Bridge. Cape Fear Crossings Alternative	6 - Widen Existing Roadway and Construct Part on New Location	\$ 1,569,400,000	66.83	42.47	30.41	80.41		100	50	75	305.41	100	
H190398	Highway		Statewide Mobility	US 17	SR 2734 (Marsh Oaks Drive)	SR 1582 (Washington Acres Road)	Convert roadway to superstreet configuration and provide access management.	4 - Upgrade Arterial to Signalized RCI Corridor	\$ 74,800,000	65.54	41.37	30.73	80.73		50	25	50	205.73		
H149006-E	Highway	U-5704	Statewide Mobility	NC 132 (College Road)	US 76 Oleander Drive	N/A	Intersection improvements	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 71,400,000	64.09	44.24	33.54	83.54		100	50	100	333.54	100	
H230544	Highway		Statewide Mobility	SR 2048 (Gordon Road)	US 17 Busines (Market Street)	N/A	Upgrade intersection to grade separated intersection.	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 43,900,000	63.28	44.63	33.58	83.58		0	25	25	133.58		
H230873	Highway		Statewide Mobility	US 17 Business	US 74 Interchange	5th Street	Replace the existing Cape Fear Memorial Bridge (NON-TOLL PROJECT)	5 - Construct Roadway on New Location	\$ 437,000,000	62.48	35.28	32.12	82.12		100	25	25	232.12		
H231086	Highway		Statewide Mobility	US 74, NC 133	US 421	N/A	Widen 1-lane merge from US 421 to westbound US 17/76 to 2-lanes,	8 - Improve Interchange	\$ 30,800,000	50.18	30.39	21.24	71.24		100	25	25	221.24		
H230821	Highway		Statewide Mobility	I-140	US 74/76	N/A	Construct intersection improvements, including the conversion of the grade separated intersection into an interchange with free flow traffic between I-140 and US 74/76. The proposed typical section includes four 12-foot lanes with 22-foot wide loops and 16-foot wide ramps at the interchange. No sidewalks or bicycle lanes.	8 - Improve Interchange	\$ 233,600,000	44.19	25.32	16.92	66.92		0	25	25	116.92		
H231005	Highway		Statewide Mobility	I-40	Exit 414 (Holly Shelter Road)	Exit 420 (Gordon Road)	Widen to 6 lanes.	1 - Widen Existing Roadway	\$ 154,900,000	43.32	21.85	15.13	65.13		0	25	25	115.13		

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 1				
Project ID	Project Name	Description	Funding Band	Project Cost
RW-5	N. 23 Street Widening	Widen to 4-lane cross section	2024-2028	\$ 8,004,000
RW-11	Village Rd/Lanvale Rd/Fletcher Rd Intersection Improvements	Intersection improvements at Village Road/Lanvale Road/Fletcher Road/RR Corridor, dangerous intersection due to proximity with RR tracks, would prefer a roundabout if space would allow, or traffic signal needed	2024-2028	\$ 2,185,000
RW-57	US 17/NC 210 Intersection Improvements	Intersection Improvements with MUP	2029-2033	\$ 1,526,000
RW-7	Basin Street Extension (Old Fayetteville Rd/Village Rd)	New road connecting Basin Street at North Brunswick HS across Sturgeon Creek to Leland-owned property and Village Road across from Graham Drive	2029-2033	\$ 7,869,000
RW-59	Barnards Creek Bridge	Widen bridge to accommodate four travel lanes. Required to widen River Rd	2029-2033	\$ 5,721,000
RW-2	Cape Fear Memorial Bridge Replacement	Bridge Replacement/Road Widening. 6 lanes at 12'	2034-2040	\$ 141,531,000
RW-41	Murrayville Rd Modernization and Extension	Modernization and Extension of Murrayville Rd to Market St	2034-2040	\$ 235,941,000
RW-1	NC 133/River Rd SE Widening	Widen NC 133 from two to four lanes with intersection improvements	2034-2040	\$ 188,986,000
RW-39	I-140/Blue Clay Rd Interchange	Interchange	2034-2040	\$ 115,223,000
RW-10	US 17/NC 133 Connection	New road connecting US Highway 17 and NC Highway 133 through "Jackeys Creek" property	2034-2040	\$ 69,101,000
RW-61	Dogwood Ln Extension	2 11'foot travel lanes, 5' sidewalk (both sides), 5' bike lane (both sides) and 1 bridge.	2034-2040	\$ 37,797,000
RW-8	Old Fayetteville Road Interchange at US 74/76 Interchange	Create full movement interchange at US 74/76 and Old Fayetteville Road	2034-2040	\$ 194,481,000
RW-26	Victoria Ln Extension	Extend Victoria Lane to the Town's limits with potential connection to Sturgeon Drive NE in Leland.	2034-2040	\$ 2,165,000
RW-58	17th St Offset Lefts	Provide off-set left turn lane configurations at 17th/St. Andrews as well as bulb out for u-turn movements. Includes grading, paving, drainage, traffic control, erosion control, marking, and signing	2034-2040	\$ 962,000
RW-63	Independence Blvd Widening	Widen to two 12' travel lanes in each direction with a 14' raised landscape median, 4' bike lanes, 2' curb & gutter, and 10' multi-use path on south side; reconstruction of existing roadway where subgrade/settlement leading to failing pavement; reconstruction of retaining wallins in 3 locations, upgrades to traffic signal at Carolina Beach Rd, turn lanes, utility relocations, stormwater management, and roadway lighting	2034-2040	\$ 32,305,000
RW-70	NC 210 at Island Creek Road Intersection Improvements	Realign intersection to improve safety and efficiency	2034-2040	\$ 24,032,000
RW-72	US 17 (Ocean Highway) Access Management	Provide access management along corridor.	2041-2050	\$ 144,328,000
RW-9	US 17/Highway 87 Connection	New road connecting US Highway 17 and NC Highway 87	2041-2050	\$ 134,682,000
RW-47	Sidbury Rd Widening	Widening	2041-2050	\$ 79,155,000
RW-33	US 17 Reduced Conflict Intersections (Scotts Hill)	Convert roadway to superstreet configuration and provide access management.	2041-2050	\$ 177,270,000
RW-37	Future Hampstead Bypass/Sidbury Rd Interchange	Interchange	2041-2050	\$ 32,942,000

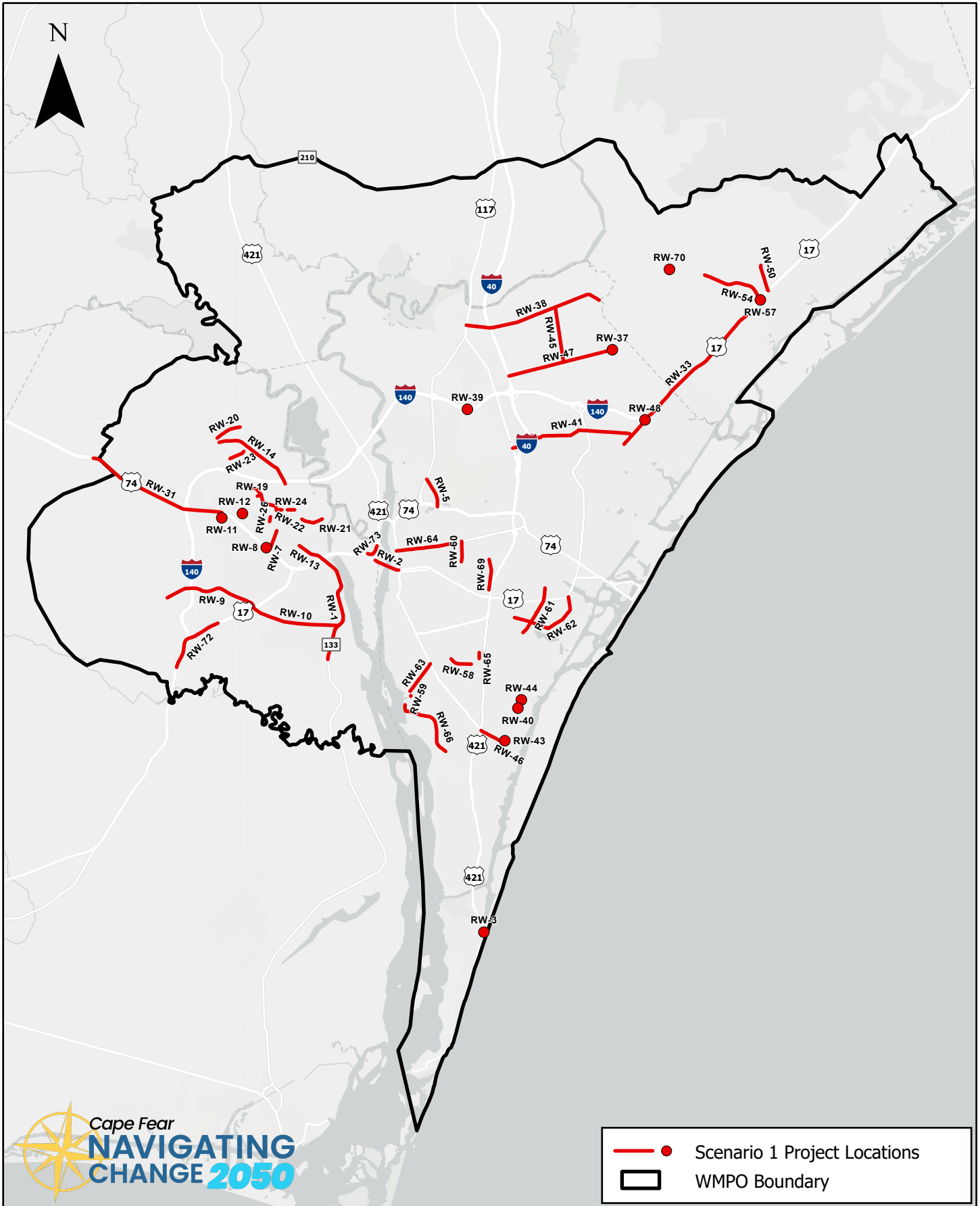
Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 1				
Project ID	Project Name	Description	Funding Band	Project Cost
RW-24	Sandy Ln Extension	Connect the Ivester/Eastbrook Connector to Main Street and provides a connection between Trestle Way and Sandy Lane.	2041-2050	\$ 8,342,000
RW-62	Greenville Loop Rd Widening	Widen to two 12' travel lanes in each direction, 23' median, 10' MUP, and 5' sidewalk	2041-2050	\$ 347,430,000
RW-19	Ivester Ct/Eastbrook Connector	Provide a secondary outlet for residents in the area of Magnolia Drive and Dorsey Lane by connecting to Seaboard Industrial Park Drive. Also connects to the Sandy Lane Extension.	2041-2050	\$ 30,762,000
RW-22	Park/Pine Valley/Brooklyn Connector West of N	Connect Pine Valley Rd, Park Ave, and Brooklyn St to N Navassa Rd	2041-2050	\$ 9,811,000
RW-65	Peele St Extension	3-lane curb and gutter roadway extension from current terminus (cul-de-sac) to Bragg Drive to provide alternative connection to S. College Road in the vicinity of its intersection with S. 17th Street	2041-2050	\$ 8,148,000
RW-13	Village Road Streetscape	Repurpose Village Road for more context-appropriate main street design	2041-2050	\$ 18,675,000
RW-46	Piner Rd Widening and Intersection Realignment	Widening and Intersection Realignment	2041-2050	\$ 36,378,000
RW-64	Market St Road Diet	Reduce 4-and 5-lane cross sections to two travel lanes, marked bicycle lanes, and stretches of center turn lanes and/or on-street parking; resurfacing; installation of raised center medians north of 17th St, minimal utility relocations. This project is linked to the Independence Boulevard extension (U-4434)	2041-2050	\$ 93,849,000
RW-66	River Rd Widening	Add one travel lane in each direction for 4-lane divided roadway using existing shoulders, adjustments to existing driveway entrances, intersections, roundabouts, storm drain pipes, headwalls, pavement markings and signage, minor utility relocations, roadway lighting	2041-2050	\$ 14,625,000
RW-69	Kerr Avenue Widening	Widen arterial from 2 to 4 lanes with a median	2041-2050	\$ 257,610,000
RW-73	US 74/NC 133 Merge Lane Widening	Widen existing merge lane to two lanes	2041-2050	\$ 72,993,000
RW-31	Upgrade US 74/76 to Interstate	Upgrade US 74/76 to interstate standards.	2041-2050	\$ 161,865,000
RW-48	US 17/US17 BUS/I-140 Interchange Improvement	Interchange	2041-2050	\$ 46,237,000
RW-45	New Roadway Connector between Sidbury Rd and	Widening	2041-2050	\$ 36,734,000
RW-20	Mt. Misery/Daniels Connector	Connect Mt. Misery Rd to Daniels Rd	2041-2050	\$ 17,016,000
RW-23	Ridge Rd Extension	Connect Mt. Misery Rd to Ridge Rd.	2041-2050	\$ 10,499,000
RW-14	Cedar Hill Rd Widening	The project would transition Cedar Hill Road from a two lane road to a four lane boulevard.	2041-2050	\$ 84,345,000
RW-38	Holly Shelter Rd Widening	Widening	2041-2050	\$ 110,462,000
RW-60	Covil Ave Widening (if Independence does not m	Widening of Covil Avenue to extend northbound lane from "The Reserve at Forest Hills" to Darlington Avenue, 12' wide with curb and gutter, 5' sidewalk on east side to connect to existing sidewalk to the south; includes grading, railroad pedestrian crossing, paving, sidewalk,traffic control, erosion control, marking, and signage	2041-2050	\$ 2,668,000
RW-50	Hoover Rd Widening	Widen Hoover Rd	2041-2050	\$ 28,368,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 1				
Project ID	Project Name	Description	Funding Band	Project Cost
RW-12	Village Rd/Lincoln Rd Intersection Improvement	Intersection improvements at Village Road/Lincoln Road/Post Office Road NE/Lincoln Place Cir/Sunnydale Ln NE/RR Corridor, modified roundabout such as a peanut.	2041-2050	\$ 4,787,000
RW-43	Myrtle Grove Rd/Piner Rd/Masonboro Loop Rd	Roundabout	2041-2050	\$ 4,787,000
RW-40	Mohican Trl/Masonboro Loop Rd Roundabout	Roundabout	2041-2050	\$ 4,787,000
RW-44	Navajo Trl/Masonboro Loop Rd Roundabout	Roundabout at southern intersection	2041-2050	\$ 4,787,000
RW-54	NC 210 Widening	Widen NC 210	2041-2050	\$ 54,390,000
RW-21	Park/Pine Valley/Brooklyn Connector East of N M	Connect Canal Dr and the proposed Moze Heritage Park to N Navassa Rd	2041-2050	\$ 6,351,000
RW-3	Cape Fear Blvd/Canal Dr Roundabout	Install a roundabout or one-way traffic pattern	2041-2050	\$ 4,787,000
RW-67	Cape Fear Crossing	Construct new route on new location to include new river crossing over the Cape Fear River.	2050 +	\$ 2,757,365,000
RW-71	Oleander Drive Access Management Improvement	Access Management Improvements	2050 +	\$ 419,530,000
RW-6	Snow's Cut Bridge Replacement	US 421 Snow's Cut Bridge Replacement. 4, 12' lanes with a median	2050 +	\$ 261,876,000
RW-30	I-40 Widening	Widen to 6 lanes, elevate for resiliency	2050 +	\$ 446,634,000
RW-29	I-40 Resiliency Improvements	Elevate for resiliency	2050 +	\$ 973,137,000
RW-34	US 17 Upgrade to Controlled Access Facility	Upgrade to a controlled access facility with service roads	2050 +	\$ 564,275,000
RW-51	N Marisol Path Wy to Safe Passage Wy Collector	Provide connection of patchwork collector road to make complete collector from Washington Acres to Factory Road	2050 +	\$ 11,418,000
RW-28	I-140 at US 74/76 Intersection Improvements	Upgrade to interchange	2050 +	\$ 1,217,647,000
RW-35	US17 at Sloop Point Loop Road Interchange	Tight Urban Diamond Interchange	2050 +	\$ 149,387,000
RW-15	Cedar Hill Rd/Wide Wy Connector	Connect Cedar Hill Rd to the Wide Wy Extension	2050 +	\$ 10,813,000
RW-16	Cobbs Wy Extension	Connect the Mt. Misery/Daniels Rd Connector to the Ridge Rd Extension.	2050 +	\$ 21,596,000
RW-17	Daniels Rd Connector	Connect Daniels Rd to the Town’s western limits and provides a connection to Daniels Rd for the Indian Creek housing development. West of the Town limits, it provides a potential connection to Daniels Rd NE in unincorporated Brunswick County.	2050 +	\$ 25,979,000
RW-18	Heritage Park Connector	Connect Cedar Lakes Resort and Riverbend at Cedar Hill developments to the Valentine Wy Extension and the Wide Wy Extension.	2050 +	\$ 24,653,000
RW-25	Valentine Wy Extension	Connect the Wide Wy Extension to Cedar Hill Rd and Cedar Hill Ro to the Heritage Park Connector.	2050 +	\$ 16,291,000
RW-27	Wide Wy Extension	Connect the Heritage Park Connector to the Ridge Rd Extension. Provides an alternate route to Cedar Hill Rd.	2050 +	\$ 42,933,000
RW-36	Blue Clay Rd Modernization	Modernization	2050 +	\$ 83,877,000
RW-32	US 17 BUS at Gordon Road Interchange	Tight Urban Diamond Interchange	2050 +	\$ 126,580,000
RW-42	Myrtle Grove Rd Widening	Widening	2050 +	\$ 128,022,000
RW-49	Blueberry Rd Improvements	Widen Blueberry Rd	2050 +	\$ 112,077,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 1				
Project ID	Project Name	Description	Funding Band	Project Cost
RW-56	US 117/NC 210 Intersection Improvements	Intersection Improvements with MUP	2050 +	\$ 3,218,000
RW-4	Dow Rd Widening	Widen Dow Rd to four lanes	2050 +	\$ 108,443,000
RW-68	Heide Trask Bridge Replacement	Replace Heide Trask Bridge	2050 +	\$ 323,226,000

Fiscally Constrained Roadway Projects

Scenario 1



Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2					
Project ID	Project Name	Description	Rank	Funding Band	Project Cost
RW-5	N. 23 Street Widening	Widen to 4-lane cross section	2	2024-2028	\$ 7,400,000
RW-11	Village Rd/Lanvale Rd/Fletcher Rd Intersection Improvements	Intersection improvements at Village Road/Lanvale Road/Fletcher Road/RR Corridor, dangerous intersection due to proximity with RR tracks, would prefer a roundabout if space would allow, or traffic signal needed	62	2024-2028	\$ 2,020,000
RW-2	Cape Fear Memorial Bridge Replacement	Bridge Replacement/Road Widening. 6 lanes at 12'	2	2034-2040	\$ 85,000,000
RW-41	Murrayville Rd Modernization and Extension	Modernization and Extension of Murrayville Rd to Market St	2	2034-2040	\$ 141,700,000
RW-1	NC 133/River Rd SE Widening	Widen NC 133 from two to four lanes with intersection improvements	2	2034-2040	\$ 113,500,000
RW-39	I-140/Blue Clay Rd Interchange	Interchange	6	2034-2040	\$ 69,200,000
RW-10	US 17/NC 133 Connection	New road connecting US Highway 17 and NC Highway 133 through "Jackeys Creek" property	7	2034-2040	\$ 41,500,000
RW-61	Dogwood Ln Extension	2 11'foot travel lanes, 5' sidewalk (both sides), 5' bike lane (both sides) and 1 bridge.	8	2034-2040	\$ 22,700,000
RW-71	Oleander Drive Access Management Improvements	Access Management Improvements	8	2034-2040	\$ 145,500,000
RW-37	Future Hampstead Bypass/Sidbury Rd Interchange	Interchange	14	2034-2040	\$ 13,900,000
RW-57	US 17/NC 210 Intersection Improvements	Intersection Improvements with MUP	18	2034-2040	\$ 1,160,000
RW-72	US 17 (Ocean Highway) Access Management	Provide access management along corridor.	10	2041-2050	\$ 60,900,000
RW-8	Old Fayetteville Road Interchange at US 74/76 Interchange	Create full movement interchange at US 74/76 and Old Fayetteville Road	10	2041-2050	\$ 116,800,000
RW-9	US 17/Highway 87 Connection	New road connecting US Highway 17 and NC Highway 87	10	2041-2050	\$ 56,830,000
RW-47	Sidbury Rd Widening	Widening	13	2041-2050	\$ 33,400,000
RW-33	US 17 Reduced Conflict Intersections (Scotts Hill)	Convert roadway to superstreet configuration and provide access management.	14	2041-2050	\$ 74,800,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2					
Project ID	Project Name	Description	Rank	Funding Band	Project Cost
RW-7	Basin Street Extension (Old Fayetteville Rd/Village Rd Connection)	New road connecting Basin Street at North Brunswick HS across Sturgeon Creek to Leland-owned property and Village Road across from Graham Drive	18	2041-2050	\$ 5,980,000
RW-62	Greenville Loop Rd Widening	Widen to two 12' travel lanes in each direction, 23' median, 10' MUP, and 5' sidewalk	21	2041-2050	\$ 146,600,000
RW-19	Ivester Ct/Eastbrook Connector	Provide a secondary outlet for residents in the area of Magnolia Drive and Dorsey Lane by connecting to Seaboard Industrial Park Drive. Also connects to the Sandy Lane Extension.	24	2041-2050	\$ 12,980,000
RW-22	Park/Pine Valley/Brooklyn Connector West of North Navassa Road	Connect Pine Valley Rd, Park Ave, and Brooklyn St to N Navassa Rd	24	2041-2050	\$ 4,140,000
RW-26	Victoria Ln Extension	Extend Victoria Lane to the Town's limits with potential connection to Sturgeon Drive NE in Leland.	24	2041-2050	\$ 1,300,000
RW-46	Piner Rd Widening and Intersection Realignment	Widening and Intersection Realignment	29	2041-2050	\$ 15,350,000
RW-66	River Rd Widening	Add one travel lane in each direction for 4-lane divided roadway using existing shoulders, adjustments to existing driveway entrances, intersections, roundabouts, storm drain pipes, headwalls, pavement markings and signage, minor utility relocations, roadway lighting	29	2041-2050	\$ 6,170,955
RW-69	Kerr Avenue Widening	Widen arterial from 2 to 4 lanes with a median	29	2041-2050	\$ 108,700,000
RW-73	US 74/NC 133 Merge Lane Widening	Widen existing merge lane to two lanes	33	2041-2050	\$ 30,800,000
RW-31	Upgrade US 74/76 to Interstate	Upgrade US 74/76 to interstate standards.	34	2041-2050	\$ 68,300,000
RW-48	US 17/US17 BUS/I-140 Interchange Improvements	Interchange	34	2041-2050	\$ 19,510,000
RW-63	Independence Blvd Widening	Widen to two 12' travel lanes in each direction with a 14' raised landscape median, 4' bike lanes, 2' curb & gutter, and 10' multi-use path on south side; reconstruction of existing roadway where subgrade/settlement leading to failing pavement; reconstruction of retaining wallins in 3 locations, upgrades to traffic signal at Carolina Beach Rd, turn lanes, utility relocations, stormwater management, and roadway lighting	34	2041-2050	\$ 19,401,274
RW-45	New Roadway Connector between Sidbury Rd and Holly Shelter Rd	Widening	40	2041-2050	\$ 15,500,000
RW-23	Ridge Rd Extension	Connect Mt. Misery Rd to Ridge Rd.	41	2041-2050	\$ 4,430,000
RW-14	Cedar Hill Rd Widening	The project would transition Cedar Hill Road from a two lane road to a four lane boulevard.	41	2041-2050	\$ 35,590,000

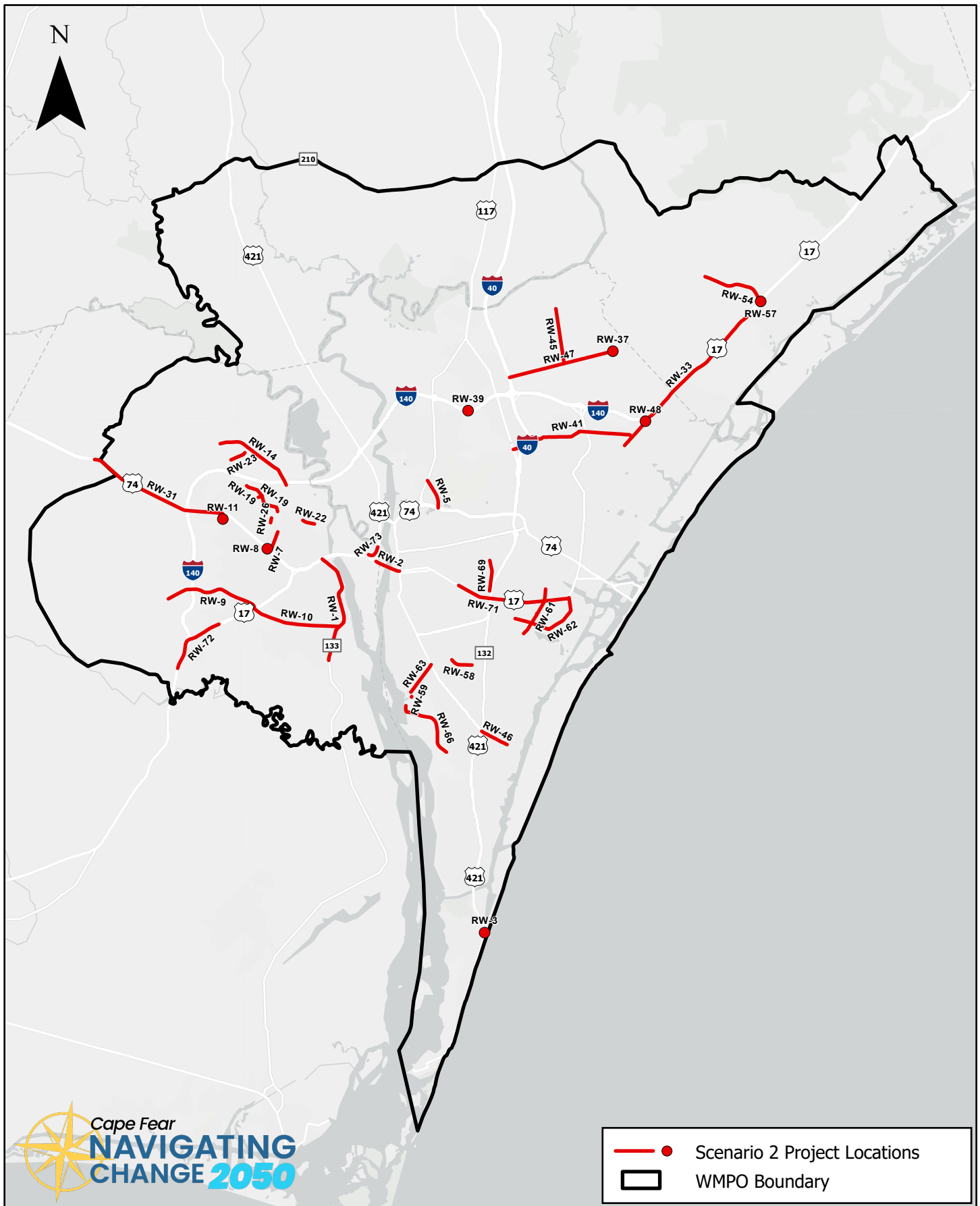
Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2					
Project ID	Project Name	Description	Rank	Funding Band	Project Cost
RW-54	NC 210 Widening	Widen NC 210	62	2041-2050	\$ 22,950,000
RW-59	Barnards Creek Bridge	Widen bridge to accommodate four travel lanes. Required to widen River Rd	71	2041-2050	\$ 4,347,648
RW-3	Cape Fear Blvd/Canal Dr Roundabout	Install a roundabout or one-way traffic pattern	77	2041-2050	\$ 2,020,000
RW-67	Cape Fear Crossing	Construct new route on new location to include new river crossing over the Cape Fear River.	1	2050 +	\$ 956,300,000
RW-6	Snow's Cut Bridge Replacement	US 421 Snow's Cut Bridge Replacement. 4, 12' lanes with a median	16	2050 +	\$ 90,822,977
RW-30	I-40 Widening	Widen to 6 lanes, elevate for resiliency	17	2050 +	\$ 154,900,000
RW-24	Sandy Ln Extension	Connect the Ivester/Eastbrook Connector to Main Street and provides a connection between Trestle Way and Sandy Lane.	20	2050 +	\$ 3,520,000
RW-29	I-40 Resiliency Improvements	Elevate for resiliency	21	2050 +	\$ 337,500,000
RW-34	US 17 Upgrade to Controlled Access Facility	Upgrade to a controlled access facility with service roads	21	2050 +	\$ 195,700,000
RW-51	N Marisol Path Wy to Safe Passage Wy Collector Road	Provide connection of patchwork collector road to make complete collector from Washington Acres to Factory Road	24	2050 +	\$ 3,960,000
RW-65	Peele St Extension	3-lane curb and gutter roadway extension from current terminus (cul-de-sac) to Bragg Drive to provide alternative connection to S. College Road in the vicinity of its intersection with S. 17th Street	24	2050 +	\$ 3,438,195
RW-13	Village Road Streetscape	Repurpose Village Road for more context-appropriate main street design	61	2050 +	\$ 7,880,000
RW-64	Market St Road Diet	Reduce 4-and 5-lane cross sections to two travel lanes, marked bicycle lanes, and stretches of center turn lanes and/or on-street parking; resurfacing; installation of raised center medians north of 17th St, minimal utility relocations. This project is linked to the Independence Boulevard extension (U-4434)	29	2050 +	\$ 39,600,000
RW-28	I-140 at US 74/76 Intersection Improvements	Upgrade to interchange	34	2050 +	\$ 422,300,000
RW-35	US17 at Sloop Point Loop Road Interchange	Tight Urban Diamond Interchange	34	2050 +	\$ 51,810,000
RW-58	17th St Offset Lefts	Provide off-set left turn lane configurations at 17th/St. Andrews as well as bulb out for u-turn movements. Includes grading, paving, drainage, traffic control, erosion control, marking, and signing	34	2050 +	\$ 577,500
RW-15	Cedar Hill Rd/Wide Wy Connector	Connect Cedar Hill Rd to the Wide Wy Extension	41	2050 +	\$ 3,750,000
RW-16	Cobbs Wy Extension	Connect the Mt. Misery/Daniels Rd Connector to the Ridge Rd Extension.	41	2050 +	\$ 7,490,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2					
Project ID	Project Name	Description	Rank	Funding Band	Project Cost
RW-17	Daniels Rd Connector	Connect Daniels Rd to the Town’s western limits and provides a connection to Daniels Rd for the Indian Creek housing development. West of the Town limits, it provides a potential connection to Daniels Rd NE in unincorporated Brunswick County.	41	2050 +	\$ 9,010,000
RW-18	Heritage Park Connector	Connect Cedar Lakes Resort and Riverbend at Cedar Hill developments to the Valentine Wy Extension and the Wide Wy Extension.	41	2050 +	\$ 8,550,000
RW-20	Mt. Misery/Daniels Connector	Connect Mt. Misery Rd to Daniels Rd	41	2050 +	\$ 7,180,000
RW-25	Valentine Wy Extension	Connect the Wide Wy Extension to Cedar Hill Rd and Cedar Hill Ro to the Heritage Park Connector.	41	2050 +	\$ 5,650,000
RW-27	Wide Wy Extension	Connect the Heritage Park Connector to the Ridge Rd Extension. Provides an alternate route to Cedar Hill Rd.	41	2050 +	\$ 14,890,000
RW-36	Blue Clay Rd Modernization	Modernization	41	2050 +	\$ 29,090,000
RW-38	Holly Shelter Rd Widening	Widening	41	2050 +	\$ 46,610,000
RW-60	Covil Ave Widening (if Independence does not move forward)	Widening of Covil Avenue to extend northbound lane from "The Reserve at Forest Hills" to Darlington Avenue, 12' wide with curb and gutter, 5' sidewalk on east side to connect to existing sidewalk to the south; includes grading, railroad pedestrian crossing, paving, sidewalk,traffic control, erosion control, marking, and signage	52	2050 +	\$ 1,125,600
RW-32	US 17 BUS at Gordon Road Interchange	Tight Urban Diamond Interchange	53	2050 +	\$ 43,900,000
RW-42	Myrtle Grove Rd Widening	Widening	53	2050 +	\$ 44,400,000
RW-50	Hoover Rd Widening	Widen Hoover Rd	53	2050 +	\$ 11,970,000
RW-12	Village Rd/Lincoln Rd Intersection Improvements	Intersection improvements at Village Road/Lincoln Road/Post Office Road NE/Lincoln Place Cir/Sunnydale Ln NE/RR Corridor, modified roundabout such as a peanut.	57	2050 +	\$ 2,020,000
RW-43	Myrtle Grove Rd/Piner Rd/Masonboro Loop Rd Roundabout	Roundabout	57	2050 +	\$ 2,020,000
RW-49	Blueberry Rd Improvements	Widen Blueberry Rd	57	2050 +	\$ 38,870,000
RW-40	Mohican Trl/Masonboro Loop Rd Roundabout	Roundabout	62	2050 +	\$ 2,020,000
RW-44	Navajo Trl/Masonboro Loop Rd Roundabout	Roundabout at southern intersection	62	2050 +	\$ 2,020,000
RW-56	US 117/NC 210 Intersection Improvements	Intersection Improvements with MUP	62	2050 +	\$ 1,116,000
RW-70	NC 210 at Island Creek Road Intersection Improvements	Realign intersection to improve safety and efficiency	53	2050 +	\$ 14,433,148

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2					
Project ID	Project Name	Description	Rank	Funding Band	Project Cost
RW-21	Park/Pine Valley/Brooklyn Connector East of N Navassa Road	Connect Canal Dr and the proposed Moze Heritage Park to N Navassa Rd	68	2050 +	\$ 2,680,000
RW-4	Dow Rd Widening	Widen Dow Rd to four lanes	69	2050 +	\$ 37,610,000
RW-68	Heide Trask Bridge Replacement	Replace Heide Trask Bridge	72	2050 +	\$ 112,100,000

Fiscally Constrained Roadway Projects

Scenario 2



0 2 4 8 Miles

Data Source: WMPO, NCDOT



Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3					
Project ID	Project Name	Description	Prioritization Rank	Funding Band	Project Cost
RW-5	N. 23 Street Widening	Widen to 4-lane cross section	2	2024-2028	\$ 7,400,000
RW-11	Village Rd/Lanvale Rd/Fletcher Rd Intersection Improvements	Intersection improvements at Village Road/Lanvale Road/Fletcher Road/RR Corridor, dangerous intersection due to proximity with RR tracks, would prefer a roundabout if space would allow, or traffic signal needed	62	2024-2028	\$ 2,020,000
RW-2	Cape Fear Memorial Bridge Replacement	Bridge Replacement/Road Widening. 6 lanes at 12'	2	2034-2040	\$ 85,000,000
RW-41	Murrayville Rd Modernization and Extension	Modernization and Extension of Murrayville Rd to Market St	2	2034-2040	\$ 141,700,000
RW-1	NC 133/River Rd SE Widening	Widen NC 133 from two to four lanes with intersection improvements	2	2034-2040	\$ 113,500,000
RW-39	I-140/Blue Clay Rd Interchange	Interchange	6	2034-2040	\$ 69,200,000
RW-10	US 17/NC 133 Connection	New road connecting US Highway 17 and NC Highway 133 through "Jackeys Creek" property	7	2034-2040	\$ 41,500,000
RW-61	Dogwood Ln Extension	2 11'foot travel lanes, 5' sidewalk (both sides), 5' bike lane (both sides) and 1 bridge.	8	2034-2040	\$ 22,700,000
RW-71	Oleander Drive Access Management Improvements	Access Management Improvements	8	2034-2040	\$ 145,500,000
RW-37	Future Hampstead Bypass/Sidbury Rd Interchange	Interchange	14	2034-2040	\$ 13,900,000
RW-57	US 17/NC 210 Intersection Improvements	Intersection Improvements with MUP	18	2034-2040	\$ 1,160,000
RW-72	US 17 (Ocean Highway) Access Management	Provide access management along corridor.	10	2041-2050	\$ 60,900,000
RW-8	Old Fayetteville Road Interchange at US 74/76 Interchange	Create full movement interchange at US 74/76 and Old Fayetteville Road	10	2041-2050	\$ 116,800,000
RW-9	US 17/Highway 87 Connection	New road connecting US Highway 17 and NC Highway 87	10	2041-2050	\$ 56,830,000
RW-47	Sidbury Rd Widening	Widening	13	2041-2050	\$ 33,400,000
RW-33	US 17 Reduced Conflict Intersections (Scotts Hill)	Convert roadway to superstreet configuration and provide access management.	14	2041-2050	\$ 74,800,000
RW-7	Basin Street Extension (Old Fayetteville Rd/Village Rd Connection)	New road connecting Basin Street at North Brunswick HS across Sturgeon Creek to Leland-owned property and Village Road across from Graham Drive	18	2041-2050	\$ 5,980,000
RW-62	Greenville Loop Rd Widening	Widen to two 12' travel lanes in each direction, 23' median, 10' MUP, and 5' sidewalk	21	2041-2050	\$ 146,600,000
RW-19	Ivester Ct/Eastbrook Connector	Provide a secondary outlet for residents in the area of Magnolia Drive and Dorsey Lane by connecting to Seaboard Industrial Park Drive. Also connects to the Sandy Lane Extension.	24	2041-2050	\$ 12,980,000
RW-22	Park/Pine Valley/Brooklyn Connector West of North Navassa Road	Connect Pine Valley Rd, Park Ave, and Brooklyn St to N Navassa Rd	24	2041-2050	\$ 4,140,000
RW-26	Victoria Ln Extension	Extend Victoria Lane to the Town's limits with potential connection to Sturgeon Drive NE in Leland.	24	2041-2050	\$ 1,300,000

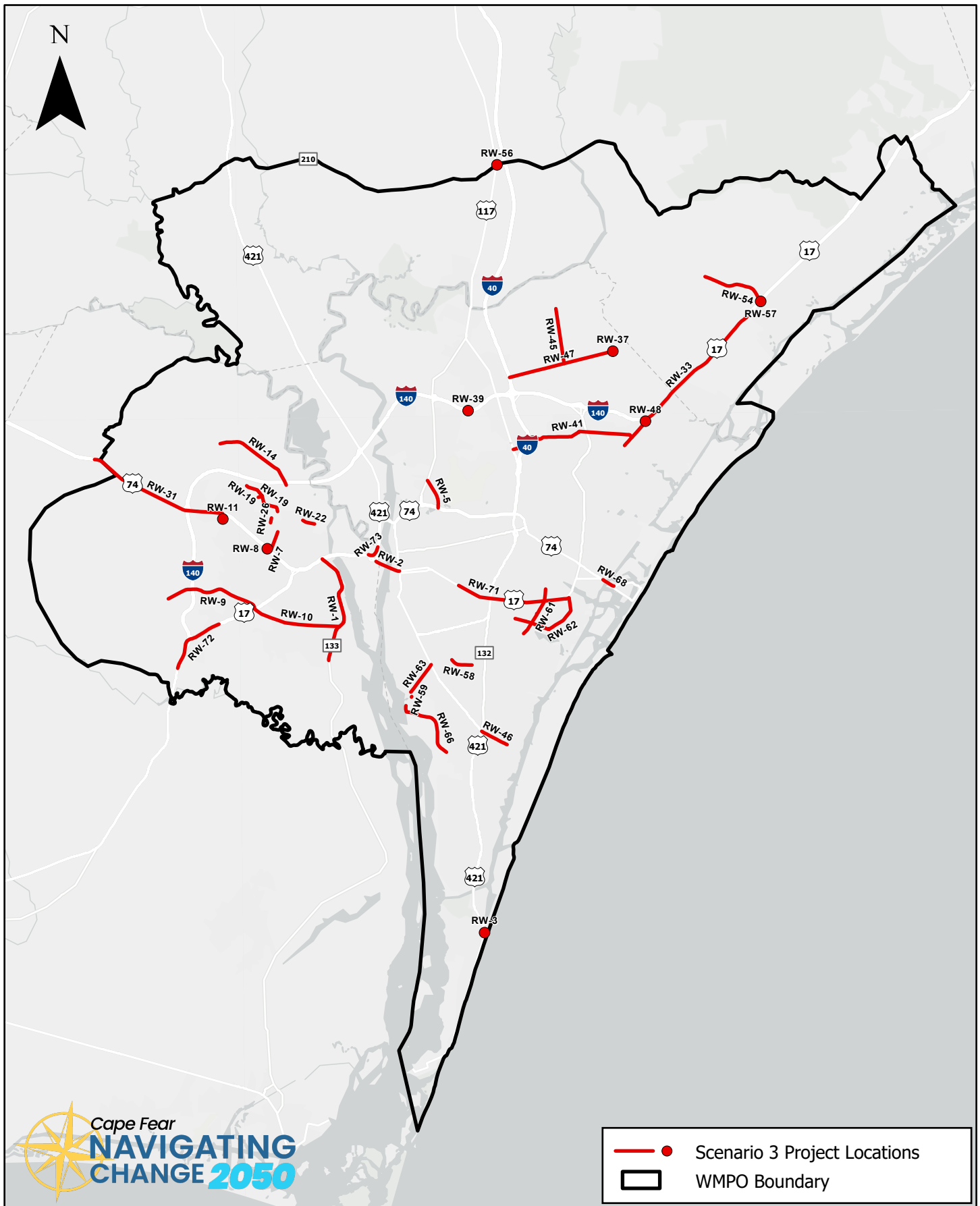
Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3					
Project ID	Project Name	Description	Prioritization Rank	Funding Band	Project Cost
RW-46	Piner Rd Widening and Intersection Realignment	Widening and Intersection Realignment	29	2041-2050	\$ 15,350,000
RW-66	River Rd Widening	Add one travel lane in each direction for 4-lane divided roadway using existing shoulders, adjustments to existing driveway entrances, intersections, roundabouts, storm drain pipes, headwalls, pavement markings and signage, minor utility relocations, roadway lighting	29	2041-2050	\$ 6,170,955
RW-73	US 74/NC 133 Merge Lane Widening	Widen existing merge lane to two lanes	33	2041-2050	\$ 30,800,000
RW-31	Upgrade US 74/76 to Interstate	Upgrade US 74/76 to interstate standards.	34	2041-2050	\$ 68,300,000
RW-48	US 17/US17 BUS/I-140 Interchange Improvements	Interchange	34	2041-2050	\$ 19,510,000
RW-63	Independence Blvd Widening	Widen to two 12' travel lanes in each direction with a 14' raised landscape median, 4' bike lanes, 2' curb & gutter, and 10' multi-use path on south side; reconstruction of existing roadway where subgrade/settlement leading to failing pavement; reconstruction of retaining wallins in 3 locations, upgrades to traffic signal at Carolina Beach Rd, turn lanes, utility relocations, stormwater management, and roadway lighting	34	2041-2050	\$ 19,401,274
RW-45	New Roadway Connector between Sidbury Rd and Holly Shelter Rd	Widening	40	2041-2050	\$ 15,500,000
RW-14	Cedar Hill Rd Widening	The project would transition Cedar Hill Road from a two lane road to a four lane boulevard.	41	2041-2050	\$ 35,590,000
RW-54	NC 210 Widening	Widen NC 210	62	2041-2050	\$ 22,950,000
RW-56	US 117/NC 210 Intersection Improvements	Intersection Improvements with MUP	62	2041-2050	\$ 1,116,000
RW-59	Barnards Creek Bridge	Widen bridge to accommodate four travel lanes. Required to widen River Rd	71	2041-2050	\$ 4,347,648
RW-68	Heide Trask Bridge Replacement	Replace Heide Trask Bridge	72	2041-2050	\$ 112,100,000
RW-3	Cape Fear Blvd/Canal Dr Roundabout	Install a roundabout or one-way traffic pattern	77	2041-2050	\$ 2,020,000
RW-67	Cape Fear Crossing	Construct new route on new location to include new river crossing over the Cape Fear River.	1	2050 +	\$ 956,300,000
RW-6	Snow's Cut Bridge Replacement	US 421 Snow's Cut Bridge Replacement. 4, 12' lanes with a median	16	2050 +	\$ 90,822,977
RW-30	I-40 Widening	Widen to 6 lanes, elevate for resiliency	17	2050 +	\$ 154,900,000
RW-24	Sandy Ln Extension	Connect the Ivester/Eastbrook Connector to Main Street and provides a connection between Trestle Way and Sandy Lane.	20	2050 +	\$ 3,520,000
RW-29	I-40 Resiliency Improvements	Elevate for resiliency	21	2050 +	\$ 337,500,000
RW-34	US 17 Upgrade to Controlled Access Facility	Upgrade to a controlled access facility with service roads	21	2050 +	\$ 195,700,000
RW-51	N Marisol Path Wy to Safe Passage Wy Collector Road	Provide connection of patchwork collector road to make complete collector from Washington Acres to Factory Road	24	2050 +	\$ 3,960,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3					
Project ID	Project Name	Description	Prioritization Rank	Funding Band	Project Cost
RW-65	Peele St Extension	3-lane curb and gutter roadway extension from current terminus (cul-de-sac) to Bragg Drive to provide alternative connection to S. College Road in the vicinity of its intersection with S. 17th Street	24	2050 +	\$ 3,438,195
RW-13	Village Road Streetscape	Repurpose Village Road for more context-appropriate main street design	61	2050 +	\$ 7,880,000
RW-64	Market St Road Diet	Reduce 4-and 5-lane cross sections to two travel lanes, marked bicycle lanes, and stretches of center turn lanes and/or on-street parking; resurfacing; installation of raised center medians north of 17th St, minimal utility relocations. This project is linked to the Independence Boulevard extension (U-4434)	29	2050 +	\$ 39,600,000
RW-69	Kerr Avenue Widening	Widen arterial from 2 to 4 lanes with a median	29	2050 +	\$ 108,700,000
RW-28	I-140 at US 74/76 Intersection Improvements	Upgrade to interchange	34	2050 +	\$ 422,300,000
RW-35	US17 at Sloop Point Loop Road Interchange	Tight Urban Diamond Interchange	34	2050 +	\$ 51,810,000
RW-58	17th St Offset Lefts	Provide off-set left turn lane configurations at 17th/St. Andrews as well as bulb out for u-turn movements. Includes grading, paving, drainage, traffic control, erosion control, marking, and signing	34	2050 +	\$ 577,500
RW-15	Cedar Hill Rd/Wide Wy Connector	Connect Cedar Hill Rd to the Wide Wy Extension	41	2050 +	\$ 3,750,000
RW-16	Cobbs Wy Extension	Connect the Mt. Misery/Daniels Rd Connector to the Ridge Rd Extension.	41	2050 +	\$ 7,490,000
RW-17	Daniels Rd Connector	Connect Daniels Rd to the Town’s western limits and provides a connection to Daniels Rd for the Indian Creek housing development. West of the Town limits, it provides a potential connection to Daniels Rd NE in unincorporated Brunswick County.	41	2050 +	\$ 9,010,000
RW-18	Heritage Park Connector	Connect Cedar Lakes Resort and Riverbend at Cedar Hill developments to the Valentine Wy Extension and the Wide Wy Extension.	41	2050 +	\$ 8,550,000
RW-20	Mt. Misery/Daniels Connector	Connect Mt. Misery Rd to Daniels Rd	41	2050 +	\$ 7,180,000
RW-23	Ridge Rd Extension	Connect Mt. Misery Rd to Ridge Rd.	41	2050 +	\$ 4,430,000
RW-25	Valentine Wy Extension	Connect the Wide Wy Extension to Cedar Hill Rd and Cedar Hill Ro to the Heritage Park Connector.	41	2050 +	\$ 5,650,000
RW-27	Wide Wy Extension	Connect the Heritage Park Connector to the Ridge Rd Extension. Provides an alternate route to Cedar Hill Rd.	41	2050 +	\$ 14,890,000
RW-36	Blue Clay Rd Modernization	Modernization	41	2050 +	\$ 29,090,000
RW-38	Holly Shelter Rd Widening	Widening	41	2050 +	\$ 46,610,000

Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3					
Project ID	Project Name	Description	Prioritization Rank	Funding Band	Project Cost
RW-60	Covil Ave Widening (if Independence does not move forward)	Widening of Covil Avenue to extend northbound lane from "The Reserve at Forest Hills" to Darlington Avenue, 12' wide with curb and gutter, 5' sidewalk on east side to connect to existing sidewalk to the south; includes grading, railroad pedestrian crossing, paving, sidewalk,traffic control, erosion control, marking, and signage	52	2050 +	\$ 1,125,600
RW-32	US 17 BUS at Gordon Road Interchange	Tight Urban Diamond Interchange	53	2050 +	\$ 43,900,000
RW-42	Myrtle Grove Rd Widening	Widening	53	2050 +	\$ 44,400,000
RW-50	Hoover Rd Widening	Widen Hoover Rd	53	2050 +	\$ 11,970,000
RW-12	Village Rd/Lincoln Rd Intersection Improvements	Intersection improvements at Village Road/Lincoln Road/Post Office Road NE/Lincoln Place Cir/Sunnydale Ln NE/RR Corridor, modified roundabout such as a peanut.	57	2050 +	\$ 2,020,000
RW-43	Myrtle Grove Rd/Piner Rd/Masonboro Loop Rd Roundabout	Roundabout	57	2050 +	\$ 2,020,000
RW-49	Blueberry Rd Improvements	Widen Blueberry Rd	57	2050 +	\$ 38,870,000
RW-40	Mohican Trl/Masonboro Loop Rd Roundabout	Roundabout	62	2050 +	\$ 2,020,000
RW-44	Navajo Trl/Masonboro Loop Rd Roundabout	Roundabout at southern intersection	62	2050 +	\$ 2,020,000
RW-70	NC 210 at Island Creek Road Intersection Improvements	Realign intersection to improve safety and efficiency	53	2050 +	\$ 14,433,148
RW-21	Park/Pine Valley/Brooklyn Connector East of N Navassa Road	Connect Canal Dr and the proposed Moze Heritage Park to N Navassa Rd	68	2050 +	\$ 2,680,000
RW-4	Dow Rd Widening	Widen Dow Rd to four lanes	69	2050 +	\$ 37,610,000

Fiscally Constrained Roadway Projects

Scenario 3



0 2 4 8 Miles

Data Source: WMPO, NCDOT



WILMINGTON URBAN AREA MPO
October 2024

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 project 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 are currently under review by staff.
- Initial revenue forecasting for all modes have been received and are currently under review by staff
- WMPO staff have worked with consultants Kimley-Horn and NCDOT Transportation Planning Division to run three fiscally constrained roadway project scenarios through the 2050 Travel Demand Model. Model runs are ongoing and WMPO staff will review results when received.
- A comprehensive update on all reviewed projects and their financial implications will be provided to the TCC and Board in Fall 2024. This update will include a ranked draft project list complete with cost estimates.

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 Element and are beginning to work on the Bicycle and Pedestrian 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 list, 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 is upcoming in October 2024
- Draft study report anticipated in October 2024.

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 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: 8 reviews
- New Hanover County Informal Plan Reviews: 5 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 12 reviews
- Town of Leland Informal Reviews: 0 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: 11 reviews
- Pender County Informal Reviews: 1 review
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 53 reviews (7 new, 46 on-going)
- City of Wilmington Informal Reviews: 17 reviews (3 new, 14 on-going)
- City of Wilmington Concept Reviews: 0 review (0 new, 0 on-going)
- City of Wilmington Full Releases: 5

TIA Reviews: 39 total active (3 new; 36 under review; 3 approved, 2 waivers)

- New Hanover County 10 (0 new, 10 under review, 0 approved),
- City of Wilmington 10 (1 new, 9 under review, 1 approved, 2 waivers), (NHC Gov. Ctr Approval, Cinema Dr Waiver, MedNorth Waiver) (College & University, New)
- Carolina Beach 1, (0 new, 1 under review, 0 approved),
- Town of Belville 0,
- Town of Leland 5 (1 new, 4 under review, 1 approved), (Brunswick Forest PH 4 Approval) (Jackey's Creek, New) Note: Shoppes at Savannah Branch was not counted)
- Town of Navassa 0, (0 new, 0 under review, 1 approved), (Cedar Landing Revised Approval)
- Pender County 9 (1 new, 8 under review, 0 approved) (RaceTrac C-store Hampstead, 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:

- New Hanover County is submitting encroachment agreement to NCDOT for approval
- 90% construction drawings submitted in EBS for review and approval
- New Hanover County updated the categorical exclusion documentation for another year
- New Hanover County is preparing documents for bidding
- Once all of these are complete, we will submit for approval to bid from NCDOT.
- Anticipate construction in December 2024 (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 requested August 20, 2024
- Construction Authorization request returned September 24, 2024
- Construction Authorization request to be resubmitted in Late October, pending approval of STIP/MPO TIP Administrative Modification required by FHWA
- Advertise for Bid – Late Fall 2024
- Begin Construction – Early Spring 2025
- Construction Complete – Early Spring 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 requested August 20, 2024
- Construction Authorization request returned September 24, 2024
- Construction Authorization request to be resubmitted in Late October, pending approval of STIP/MPO TIP Administrative Modification required by FHWA
- Advertise for Bid – Late Fall 2024
- Begin Construction – Early Spring 2025
- Construction Complete – Early Spring 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 requested August 20, 2024
- Construction Authorization request returned September 24, 2024
- Construction Authorization request to be resubmitted in Late October, pending approval of STIP/MPO TIP Administrative Modification required by FHWA
- Advertise for Bid – Late Fall 2024
- Begin Construction – Early Spring 2025
- Construction Complete – Early Spring 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.
- A Pre-Con Meeting was held on February 28, 2024.
- Notice To Proceed (NTP) Date was March 11, 2024.
- Substantial completion date is 210 days from NTP, with a Final completion Date of 365 days from NTP.
- All concrete and drainage work completed.
- Guardrail and Handrails installed.
- Pavement marking completed.
- A new schedule was established with the City of Wilmington Police Department and the work was completed on 10/01/24.
- Once the contractor, working with the City Traffic Engineering Team, complete the required programming a punch walk will be scheduled.

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
- Right-of-way authorization approved
- Town has obtained all three (3) of three (3) easements needed to construct path. Easements are in the process of being recorded.
- DOT encroachment application is being submitted
- All other documents have been provided to NCDOT Division 3 for right of way certification
- NCDOT encroachment application has been reviewed.
- Plans have been requested to be updated to current standards. The Town will be following up to meet this request.
- Request for construction funds authorization forthcoming

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. Next step is execution of the agreement. A formal Change Request has been made to NCDOT.
- 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.
- [The Town is working on a supplemental agreement to use GPR on project areas to locate underground utilities.](#)

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- 13/15 (86%) 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)
- Design completion anticipated by December 2024

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 and NCDOT encroachment agreement currently underway
- ROW discussions in October 2024

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
- Survey and Design commenced in September 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
- The design has been paused and the city will pursue additional funds through the MPO's DA program – application submitted on September 13, 2024

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

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

Project Status and Next Steps:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI contract award in October 2022
- Construction authorization February 2023
- CE Consultation approved by NCDOT (revised b/c Tricolored Bat is on the potentially endangered species list. CE Consultation signed by both Withers Ravenel and NCDOT).
- NCDOT approved bid documents.
- Bid solicitation in September 2023
- Bid opening in October 2023
- Re-bid and opening in November 2023
- Request additional funds for construction January 2024
- Pre-construction meeting April 2024
- Minor re-design for sewer main
- 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:

- 100% plans approved by NCDOT
- Contract proposal (with cost estimate) approved April 11, 2022
- CEI contract award in October 2022
- Construction authorization February 2023
- CE Consultation approved by NCDOT (revised b/c Tricolored Bat is on the potentially endangered species list. CE Consultation signed by both Withers Ravenel and NCDOT).
- NCDOT approved bid documents.
- Bid solicitation in September 2023

- Bid opening in October 2023
- Re-bid and opening in November 2023
- Request additional funds for construction January 2024
- Pre-construction meeting April 2024
- Minor re-design for sewer main
- 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:

- New Hanover County is submitting encroachment agreement to NCDOT for approval
- New Hanover County updated the categorical exclusion documentation for another year
- 90% construction drawings submitted in EBS
- New Hanover County is preparing documents for bidding
- Once all of these are complete, we will submit for approval to bid from NCDOT.
- Anticipate construction in December 2024 (9 mos. construction)

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.
- Once approved, contractor will install foundation.
- Mast Arm Assembly is still scheduled to be delivered by November 7, 2024.

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

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.
- A Purchase Order was issued October 3, 2024, to Hanover Interiors, Inc., for the construction of the new Customer Service Enclosure in the lobby of Forden Station. The project is scheduled to be completed within 60 days and will provide 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, November 21, at 3 PM.
2. Bicycle Helmet Initiative – In April, 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. Staff is participating in outreach events throughout the year to distribute helmets to children and educate families on bicycle safety. So far 58 helmets have been distributed, with more distribution opportunities planned for Fall 2024.
3. Short Range TDM plan update – WMPO staff have begun work to update the short-range TDM plan, *Cape Fear Change in Motion 2020*. A public engagement period to inform this update is scheduled

for September through November 2024. Steering committee meetings are ongoing with the update scheduled for completion by November 2025.

4. Annual WMPO-organized bike rides – The 34th Annual River to Sea Bike Ride, scheduled for Saturday, September 7, 2024, was cancelled due to inclement weather. WMPO staff thanks all partners involved in the ride for their support and looks forward to the 35th Annual River to Sea Bike Ride in May 2025. The 4th Annual Brunswick Heritage Riverside Ride took place on Saturday, September 28 with 74 participants checking in to the ride.
5. Get There Greener – Get There Greener is Go Coast’s sustainable transportation challenge which occurs annually in October. Participants log their miles traveled by alternative transportation for a chance to win prizes donated by local businesses. In September, WMPO staff continued reaching out to local businesses to participate in Get There Greener with a donation of gift cards/items of \$25-50 value. Additionally, staff is planning for a fall Bike to Work Day on Friday, October 11. Organizations/businesses will be encouraged to set up “pit stops” for bicyclists in the morning or evening commute, providing water, coffee, snacks, etc. to those who bike by, in addition to any swag/info they may choose to hand out.



Cape Fear Public Transportation Authority October 2024 Update

Wave Route & Service Improvements Approved-Scheduled for January 2025 Implementation

The Cape Fear Public Transportation Authority Board of Directors approved a comprehensive set of route and service improvements at their September 26, 2024 meeting. 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-made possible by staggering departures
- New 30-minute service on high traffic routes in all sectors of the fixed-route network
- Port City Trolley operating more frequently, later into the evening, and on Sundays on a seasonal basis
- Direct connection from Padgett Station to Mayfaire every hour on new Route 206 – Oleander Dr.
- Additional bus stops on College Road to improve access

Wave will be conducting an extensive outreach campaign leading up to the route changes and detailed information is available on the website at: <https://www.wavetransit.com/>.



Wave Begins Renewable Natural Gas Revenue-Generating Program

This fall Wave begins an EPA-sponsored program that will generate revenue for from the sale of renewable natural gas commodities. This is program helps fulfill Wave's commitment to sustainable initiatives and involves a partnership with STX Commodities, an energy commodities company, whereby Wave's dispensing of Compressed Natural Gas (CNG) will be used as a basis for credits purchased by STX and converted into revenue for Wave. The program is expected to generate at least \$100,000 in its first full year and is part of the EPA's Renewable Fuel Program.



Ridership Update

Wave ridership downloads and reporting has been affected by water damage to probing equipment caused by a recent storm. The equipment is expected to be fully repaired and operational the week of October 7 when stored data can be retrieved. Updated figures will be provided when available.

WMPO OCTOBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DDRL	U-6202	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	NEW HANOVER	2024.11.19
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
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2025.09.18*
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
Derek Pielech	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
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
Derek Pielech	DPOC	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2028.04.20
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

WMPO OCTOBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
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
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
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
Trace Howell	DDRL	U-5704	NC 132 (COLLEGE ROAD) AT US 76 (OLEANDER DRIVE).	NEW HANOVER	2031.03.18

WMPO OCTOBER PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
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: 09/27/2024

PO: WMPO

Contact: Michelle Howes, mnhowes@ncdot.gov, 910.341.2001

WMPO OCTOBER PROJECTS UNDER CONSTRUCTION

Contract Number	Resident Eng	TIP/WBS /Program	County	Description	*Estimated Completion (year.month.date)	Percent Complete
C204331	Joshua Pratt		New Hanover	BANKS CHANNEL BRIDGE PRESERVATION.	2024.06.28	99.00%
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 IN BELVILLE FROM SR 1551 (BLACKWELL ROAD) TO SR 1554 (OLD RIVER ROAD).	2024.07.06	94.58%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.03.20	73.81%
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	73.27%
C204553	Daniel Waugh	R-3300B	Pender	NC 417 (HAMPSTEAD BYPASS) FROM SOUTH OF NC 210 TO NORTH OF SR 1563 (SLOOP POINT ROAD).	2027.12.14	48.22%

*Dates are subject to change.

WMPO OCTOBER RESURFACING PROJECTS					
Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
C204720	2024	PENDER	I-40 FROM WEST OF US-117 (MM-388) TO NC-210 (MM-408)	2024.06.02	88.31%
DC00445	2024	BRUNSWICK	VAROUS ROUTES	2024.10.01	90.20%
DC00437	2024	NEW HANOVER	RESURFACING VARIOUS ROUTES	2025.07.16	51.70%
C204833	2024	NEW HANOVER, PENDER	I-40 RESURFACING FROM MM-420 TO MM-408 AT NC-210 (I-6039)	2025.09.15	40.77%
DC00431	2024	BRUNSWICK	NC 130 & VARIOUS ROUTES	2024.05.31	52.66%
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	0.00%

Go!NC Portal for public information: [HMIP](https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e) (Highway Maintenance Improvement Program) GIS maps
<https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e>

*Dates are subject to change.

Update provided:

09/27/2024

PO: WMPO

Contact: Michelle Howes, mnhowes@ncdot.gov, 910.341.2001



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

OCTOBER 2024

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

October IMD UPDATES WILMINGTON MPO

October 2024

No new updates for the month of October. Please refer to our website for updates on all things IMD.

Sincerely,

Kim Nguyen
Regional Planner- Coastal Plains
Integrated Mobility Division

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STATE OF NORTH CAROLINA
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SECRETARY

October 2024

Nazia Sarder
Transportation Engineer
NCDOT Transportation Planning Division
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OCTOBER TPD UPDATES WILMINGTON MPO

October 2024

Wilmington Model: the TDM is ready for MPO project testing and will be official when the MPO adopts their MTP end of 2025.

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 will be created and sent to adopting agencies in the next few weeks.

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. Now that the engineer is back, the CTP will resume in the coming weeks.

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

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

Location:
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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)