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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.*

**Wilmington Urban Area Metropolitan Planning Organization  
Board  
Meeting Agenda**

**TO:** Wilmington Urban Area MPO Board Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** October 24, 2024  
**SUBJECT:** October 30<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Board will be held on Wednesday, October 30, 2024, at 3 pm. The meeting will be held in the WMPO Board Room located at 525 North 4<sup>th</sup> Street in downtown Wilmington, NC. Members of the public, MPO Board Members and MPO Staff can attend the meeting in person and virtually through the Zoom platform. MPO Board member attendance will be subject to the adopted Remote Participation Policy. 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/81037261554>

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in number: (301) 715-8592 or (305) 224-1968. And when prompted, enter:  
Meeting ID: 810 3726 1554

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

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentations
  - a. Gullah Geechee Heritage Trail Feasibility Study – Zach Bugg, Kittelson
  - b. Wilmington International Airport Update- Jeff Bourk, ILM
- 7) Consent Agenda
  - a. Approval of Board Regular Meeting Minutes- September 25, 2024 (pg. 3-8)
  - b. Resolution approving 2024-2033 STIP/MPO Amendment #24-5 (pg. 9-11)
  - c. Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-9 and #24-10 (pg. 12-19)
  - d. Resolution accepting donations for the Get There Greener Challenge (pg. 20-21)

Wilmington Urban Area Metropolitan Planning Organization

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- e. Resolution supporting the naming of the Military Cutoff Road Bridge over Market Street the Cornelius E Nixon Bridge (pg. 22-23)
  - 8) Regular Agenda
    - 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) (pg. 24-29)
    - b. Resolution awarding the Wilmington Urban Area MPO's FY 25 Direct Attributable Funds (pg. 30-34)
    - c. Opening of a 14-day public comment period for WMPO's Prioritization 7.0 Draft Division Tier Point Assignment (pg. 35-46)
  - 9) Discussion
    - a. 2050 MTP Development – Draft Fiscally Constrained Projects (pg. 47-62)
    - b. Cape Fear Memorial Bridge Aesthetics Subcommittee
    - c. December Board Work Session
  - 10) Updates
    - a. Wilmington Urban Area MPO (pg. 63-74)
    - b. Cape Fear Public Transportation Authority (pg. 75)
    - c. NCDOT Division 3 (pg. 76-86)
    - d. NCDOT Integrated Mobility Division (pg. 87)
    - e. NCDOT Transportation Planning Division (pg. 88-89)
  - 11) Announcements
    - a. WMPO Bicycle and Pedestrian Committee- December 10, 2024
  - 12) Next meeting – November 20, 2024

#### **Attachments**

- MPO Board Regular Meeting Minutes- September 25, 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 and #24-10
- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-9 and #24-10
- 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 METROPOLITAN PLANNING ORGANIZATION

### WMPO Board Meeting Minutes Wednesday, September 25, 2024

929 N Front Street  
Wilmington, NC 28401

#### Members Present

Mike Allen, Town of Belville  
Lynn Barbee, Town of Carolina Beach  
Jonathan Barfield, Jr., New Hanover County (Remote)  
Brenda Bozeman, Town of Leland  
Brad George, Pender County  
Mike Forte, Brunswick County  
Luke Waddell, City of Wilmington  
Eulis Willis, Town of Navassa  
Bill Saffo, City of Wilmington  
John Ellen, Town of Kure Beach  
Landon Zimmer, NC Board of Transportation

#### Others Present

Chad Kimes, Transsystems  
Trevor Carroll, NCDOT  
Abby Lorenzo, WMPO  
Michelle Howes, NCDOT  
Tera Cline, WMPO  
Regina Hopkins, WMPO  
Adrianna Cox, NCDOT  
Tessa Jones, WMPO  
Carolyn Caggia, WMPO

#### Members Absent

Hank Miller, Chairman  
Bill Rivenbark, Cape Fear Public Transportation Authority

#### 1) Call to Order

Vice Chairman Waddell called the meeting to order at 3:00 PM. Abby Lorenzo, WMPO then called roll.

**Present:** Mike Allen, Bill Saffo, Lynn Barbee, Brenda Bozeman, John Ellen, Brad George, Mike Forte, Luke Waddell, Eulis Willis and Landon Zimmer. **Remote:** Jonathan Barfield Jr. **Absent:** Bill Rivenbark and Hank Miller.

#### 2) Conflict of Interest Statement

Vice Chairman Waddell read the conflict-of-interest statement and asked if any Board member has a conflict of interest. Landon Zimmer requested to be recused from voting on Consent Agenda item 7D.

#### 3) Approval of Board Member Excused Absences

Bill Rivenbark and Chairman Miller were excused by a motion by John Ellen and seconded by Mike Forte. Motion carried unanimously.

#### 4) Approval of the Agenda

Brenda Bozeman made a motion to approve the agenda adding Administrative Modifications #24-10 to agenda item 10A, seconded by John Ellen and the motion carried unanimously.

**5) Public Comment Period**

No sign-ups for public comment

**6) Presentations****1) NCDOT's Advance NC Transportation-Amna Cameron, NCDOT**

Amna Cameron, NCDOT, stated she is the Deputy Director of Strategic Initiatives at DOT and leads all the efforts that deal with new funding sources and is leading campaigns to educate the public. She stated a couple of years ago a grant was used to conduct a pilot for mileage-based user fees, and she is sharing the next steps in that program.

She stated that NCDOT works very closely with a coalition of 19 Eastern states through the Eastern transportation coalition, who leads efforts in 8 states this year to identify new revenue options for state governments.

She noted that NCDOT has developed 2 videos with this campaign. She showed the short presentation on the gas tax that is located on the website. There is also a survey for citizens on the website to complete telling NCDOT what you think they can do to improve funding for the transportation network.

She stated that North Carolina is the second largest road system in the country and that one of her jobs is to set a revenue forecast. The 6% has been tremendously beneficial to DOT to help secure the STIP and through that they have been able to reduce federal reliance from about 75% state funding to 80% state funding.

Ms. Cameron stated that four state revenue sources make up 80% of state transportation funds. State motor fuel tax, highway use tax, sales tax, and DMV fees and the other 20% comes from federal funds.

She noted that there is less funding available right now because of inflation. That miles traveled is going up as is gallons of fuel but noted that vehicles are getting better gas mileage as well. The increase on the transportation system is due to population growth and vehicle miles traveled.

Ms. Cameron stated that DOT is studying several options listed below:

- A mileage base fee, drivers are charged based on how many miles they travel instead of how much fuel they purchase.
- Raising the highway-use tax, meaning North Carolina collects on vehicles whenever a title is transferred.
- Increase the motor fuel tax, meaning North Carolina charges drivers a flat rate for each gallon of fuel purchased.
- Increase registration fees or charge fees based on vehicle characteristics such as weight, fuel economy, or vehicle model type.
- Raise the sales tax rate and dedicate the revenue to transportation.
- Charge a monthly state transportation utility fee, like how local governments charge water use fees.
- Introduce managed lanes, or express lanes, to congested expressways that drivers could pay a toll to use.

She then went on and gave a demonstration of the calculator located on NCDOT's website that can show citizens what they could initially pay based on the different option listed above.

Ms. Cameron continued by sharing how North Carolinians benefits from more funding. She stated that better safety conditions and a stronger economy are two big ones, as well as improved roads, cleaner air, and more transportation options.

She noted that she gave each member of the Board present a flyer promoting the website and the survey.

Landon Zimmer, NCDOT asked Ms. Cameron why Wilmington rated higher in worse roads than other parts of North Carolina. Ms. Cameron stated that the grid scores were high in comparison and the scores were equal but holding the divisions equitably is not always possible. She noted that one other thing that can make a difference is the type of roads you have.

## **2) Get there Greener and Bike to Work Day, Carolyn Caggia, WMPO**

Ms. Caggia stated Get There Greener is the Go Coast program's annual sustainable transportation challenge. It has been rebranded from the Commuter Challenge, as it was previously known in 2023 with the intent of streamlining the messaging and focus on the challenge. Participants are encouraged during the challenge to track their trips that they take by sustainable transportation. This includes carpooling, public transit, biking, walking, or teleworking.

She then gave a brief history on the challenge. She stated it had been going on since 2016 and has used various platforms over the years the My Open Road application and Share The Ride NC. Google form is now used for the challenge. Last year, in 2023, there were 26 participants that logged 3,857 miles using sustainable transportation for a total of 1,542 kg of Co2 savings.

She noted the challenge takes place from October 1-31, 2024. People can participate by going to [gocoastnc.org/get-there-greener](https://gocoastnc.org/get-there-greener) to register. Information collected on the registration form helps with marketing efforts for the future and what alternative transportation is being used.

Ms. Caggia then stated that once the challenge is active there will be a trip tracking form on the website where participants can report their miles. She noted all the generous sponsors that have donated thus far and is hoping for more.

She then presented information on Bike To Work Day. Its happening on Friday, October 11<sup>th</sup>. This day is to encourage people to bike to and from work. Local businesses have volunteered and organized pit stops where they will provide water, coffee, or snacks. There is a map of the pit stops on the [GoCoastnc.org/bike-to-work-day-2024](https://GoCoastnc.org/bike-to-work-day-2024).

## **3) 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 considered 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.

## **7) Consent Agenda**

- a. Approval of Board Regular Meeting Minutes- August 28, 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 agreement with the City of Wilmington and the Cape Fear Public Transportation Authority for FY 25 Section 5303 Funding**
- f. Resolution adopting the Wrightsville Beach Bicycle and Pedestrian Plan**

Mike Forte made a motion to approve the consent agenda with the removal of item D. and Mr. Barfield, seconded, the motion carried unanimously. Mr. Zimmer was recused from Item D- Resolution approving 2024-2033 STIP/MPO Administrative Modifications #24-8. Motion made by Mr. Barbee and seconded by Mr. Ellen the motion was carried unanimously.

## **8) Regular Agenda**

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

Abby Lorenzo, WMPO stated this amendment is to move \$6,300 from the management and operations line-item Ashli Barefoot, Town of Leland 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 Mr. Zimmer and seconded by Mr. Barbee. Motion passes unanimously.

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

Abby Lorenzo WMPO stated the city plans to apply for funding through the USDOT's Small Bridge Grant program to replace the 4<sup>th</sup> Street Bridge, and the Pine Grove Bridge. Applications are due November 1<sup>st</sup>.

Motion to approve the resolution supporting the City of Wilmington's applying for the USDOT's Small Bridge Grant made by Mr. Barfield and seconded by Mr. Zimmer Motion passes unanimously.

## **9) Discussion**

### **a. 2024-2033 STIP/MPO Transportation Improvement Program Administrative Modifications #24-9 and #24-10**

Abby Lorenzo said this item is for information purposes only and will be brought back for consideration at the Board's next meeting.

**b. Electric Assist Bicycles**

Mr. Barbee stated that he requested to have this item added to the agenda. He stated that in our Legislative Agenda an item was added requesting the state to clarify the definitions of e-bikes, such that they can be distinguished in any rulemaking the jurisdictions wants to make and is requesting an update on this item.

Abby Lorenzo stated it was included in our Legislative Agenda and one of the initiatives that was adopted for FY 25 was to bring on a lobbyist. We have received a letter of interest, and it was sent to the Board to see if anyone had any questions. Vice Chairman Waddell requested it be added to the October meeting agenda as well for discussion. Mr. Barbee stated he had reached out to his legislator regarding this item and encouraged other members of the Board to do the same.

**c. December WMPO Board Work Session**

Abby Lorenzo, WMPO stated that since we have no Board meeting scheduled for December, Mike Kozlosky is recommending December for the work session. It was requested that a poll be sent out with dates of recommendation.

**10) Updates are all included in the Agenda Packet**

**a. Wilmington Urban Area MPO**

Ms. Lorenzo noted that the updates are included in the packet, and in addition to those updates she stated that the annual reports will be distributed to all member jurisdictions and presentation on the report scheduled as well.

**b. Cape Fear Public Transportation Authority**

Updates included in the packet.

**c. NCDOT Division**

Trevor Carroll, NCDOT announced that he is officially the new Division 3 engineer.

**d. NCDOT Transportation Planning Division**

Nazia Sadar NCDOT, stated the Pender County CTP survey closed on September 1<sup>st</sup>. Those results will be compiled and submitted to the CTP committee. The WMPO travel demand model is ready for testing. The transportation planning division just received the first request from WMPO to start testing and that will continue until closer to the end of the MTP.

**11) Announcements**

**a. Brunswick Heritage Riverside Ride-September 28, 2024**

**b. WMPO Bike and Pedestrian Committee Meeting-October 8, 2024**

Mr. Ellen announce that the weekend after the Brunswick Heritage ride they will be having the inaugural Tour De Island bike ride and Walktober incentive in Kure Beach.

**Abby Lorenzo introduced Tessa Jones.**

**Next meeting – October 30, 2024**

The meeting adjourned at 4:00 p.m. by a motion by Mr. Forte and seconded by Mr. Ellen.

Respectfully submitted,

Mike Kozlosky  
Executive Director  
Wilmington Urban Area Metropolitan Planning Organization

**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**

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STATEWIDE PROJECT

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**STIP ADDITIONS**

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

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

STATEWIDE PROJECT

**STIP DELETIONS**

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

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Henry E. Miller III, Chair

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Mike Kozlosky, Secretary

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

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STATEWIDE PROJECT

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**STIP MODIFICATIONS**

\* C-5600VA      - STATEWIDE PROJECT  
STATEWIDE  
**PROJ.CATEGORY**  
EXEMPT

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**  
**Modification #24-9**

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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**STIP MODIFICATIONS**

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

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

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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**STIP MODIFICATIONS**

|                                                             |                                                               |                                                                                                                                                                                                                                                                                                           |              |           |           |        |
|-------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------|--------|
| HS-2003AS<br>BRUNSWICK<br><b>PROJ.CATEGORY</b><br>REGIONAL  | - WILMINGTON URBAN AREA<br>METROPOLITAN PLANNING ORGANIZATION | US 74/76 (ANDREW JACKSON HIGHWAY), EASTBOUND RAMP AT SR 1426 (LANVALE ROAD). INSTALL TRAFFIC SIGNAL.<br><br><u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</b></u>                                                                                       | CONSTRUCTION | FY 2025 - | \$2,000   | (HSIP) |
|                                                             |                                                               |                                                                                                                                                                                                                                                                                                           |              | FY 2026 - | \$235,000 | (HSIP) |
|                                                             |                                                               |                                                                                                                                                                                                                                                                                                           |              |           | \$237,000 |        |
| HS-2403A<br>NEW HANOVER<br><b>PROJ.CATEGORY</b><br>DIVISION | - WILMINGTON URBAN AREA<br>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.<br><br><u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</b></u> | CONSTRUCTION | FY 2025 - | \$4,000   | (HSIP) |
|                                                             |                                                               |                                                                                                                                                                                                                                                                                                           |              | FY 2026 - | \$399,000 | (HSIP) |
|                                                             |                                                               |                                                                                                                                                                                                                                                                                                           |              |           | \$403,000 |        |

**Proposed Modificaitons**  
**2024-2033 STIP/MPO TIP Programs**  
**Modification #24-10**

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

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

**Proposed Modifications**  
**2024-2033 STIP/MPO TIP Programs**  
**Modification #24-10**

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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**STIP MODIFICATIONS**

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



**Proposed Modificaitons**  
**2024-2033 STIP/MPO TIP Programs**  
**Modification #24-10**

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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**STIP MODIFICATIONS**

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|-------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|---------------|---------|
| * U-5792<br>NEW HANOVER<br><b>PROJ.CATEGORY</b><br>DIVISION | - WILMINGTON URBAN AREA<br>METROPOLITAN PLANNING ORGANIZATION | US 117 / NC 132 (COLLEGE ROAD), US 17 BUSINESS<br>(MARKET STREET) TO SR 2048 (GORDON ROAD).<br>UPGRADE ROADWAY.<br><b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25%<br/>         THRESHOLDS.</u></b> | 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) |
|                                                             |                                                               |                                                                                                                                                                                                       | UTILITIES    | FY 2030 - | \$2,910,000   | (BGANY) |
|                                                             |                                                               |                                                                                                                                                                                                       |              | 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 #24-10**

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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**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) |
| <b>PROJ.CATEGORY</b> |                                    | <b><u>PROJECT TO UTILIZE BUILD NC BONDS FOR</u></b> |              | FY 2027 -       | \$429,000           | (T) |
| <b>DIVISION</b>      |                                    | <b><u>CONSTRUCTION.</u></b>                         |              | 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 and #24-10 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 and #24-10.

**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 and #24-10.

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

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Henry E. Miller III, Chair

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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:** MPO Board Members  
**From:** Carolyn Caggia, Associate Transportation Plan/TDM Coordinator  
**Date:** October 18, 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  
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 1<sup>st</sup> – 31<sup>st</sup>, 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.

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Henry E. Miller III, Chair

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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.

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Henry E. Miller III, Chair

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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](http://WWW.NHCGOV.COM)

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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 Commissioners 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.

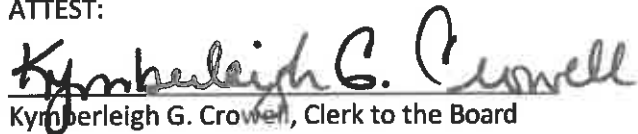
**ADOPTED** this 3<sup>rd</sup> day of September 2024.



NEW HANOVER COUNTY

  
William E. Rivenbark, Chair

ATTEST:

  
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  | \$ 350.00    |
| 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         |
| <b>Construction Cost .....</b> | <b>\$ 429,131.25</b> |

**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.

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Henry E. Miller III, Chair

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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:** MPO Board Members

**From:** Abby Lorenzo, Deputy Director

**Date:** October 18, 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

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

| <b>Applicant</b>           | <b>Project Name</b>             | <b>Score</b> | <b>Rank</b> | <b>Cost</b>    |
|----------------------------|---------------------------------|--------------|-------------|----------------|
| 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 |                                 |              |             | \$4,056,397    |

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

17<sup>th</sup> 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 recommended 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 (Country Club Drive MUP

Design) with FY 25 funding and preemptively programming a portion of its anticipated FY 26 federal funding amounts to the third ranked project (S. College Road MUP Construction). 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.



**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:

17<sup>th</sup> 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.

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Henry E. Miller III, Chair

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Mike Kozlosky, Secretary

| Prioritization 7.0 Draft Division Needs Projects -- Summary of Draft Point Assignment |         |          |                                      |                                |                                          |                                    |                                              |                    |
|---------------------------------------------------------------------------------------|---------|----------|--------------------------------------|--------------------------------|------------------------------------------|------------------------------------|----------------------------------------------|--------------------|
| Project                                                                               | TIP ID  | Mode     | P7.0 Quantitative Score (out of 100) | Division 3 Points (out of 100) | Consistency with WMPO Plans (out of 100) | Status in Development (out of 100) | Number of Prioritization Cycles (out of 100) | Total (out of 500) |
| H110993                                                                               | U-6080  | Highway  | 74.64                                | 100                            | 100                                      | 50                                 | 100                                          | 424.64             |
| H150013                                                                               |         | Highway  | 68.76                                | 100                            | 100                                      | 25                                 | 100                                          | 393.76             |
| H192190                                                                               |         | Highway  | 87.51                                | 100                            | 100                                      | 25                                 | 50                                           | 362.51             |
| B230788                                                                               |         | Bike/Ped | 85.27                                | 100                            | 100                                      | 50                                 | 25                                           | 360.27             |
| H149006-D                                                                             | U-5881  | Highway  | 87.25                                |                                | 100                                      | 50                                 | 100                                          | 337.25             |
| H149006-A                                                                             | U-5702B | Highway  | 85.02                                |                                | 100                                      | 50                                 | 100                                          | 335.02             |
| H110980                                                                               | U-5863  | Highway  | 83.58                                |                                | 100                                      | 50                                 | 100                                          | 333.58             |
| H149006-E                                                                             | U-5704  | Highway  | 83.54                                |                                | 100                                      | 50                                 | 100                                          | 333.54             |
| H231084                                                                               |         | Highway  | 80.36                                | 100                            | 100                                      | 25                                 | 25                                           | 330.36             |
| H230956                                                                               |         | Highway  | 72.31                                | 100                            | 100                                      | 25                                 | 25                                           | 322.31             |
| T230785                                                                               |         | Transit  | 69.52                                | 100                            | 100                                      | 25                                 | 25                                           | 319.52             |
| R150128                                                                               |         | Rail     | 67.13                                |                                | 100                                      | 50                                 | 100                                          | 317.13             |
| H230961                                                                               |         | Highway  | 67.04                                | 100                            | 100                                      | 25                                 | 25                                           | 317.04             |
| A150101                                                                               | AV-5795 | Aviation | 88.69                                |                                | 100                                      | 50                                 | 75                                           | 313.69             |
| H090499-B                                                                             | U-4902B | Highway  | 87.27                                |                                | 100                                      | 100                                | 25                                           | 312.27             |
| F230763                                                                               |         | Ferry    | 81.67                                |                                | 100                                      | 25                                 | 25                                           | 231.67             |

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 |
|---------|----------|---------|--------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|--------------------------------------------------|----------------------------------------------|---------------------------------------------|-------------------------------------|------------------------------|-----------------------------------|---------------------------------------------|--------------------------------------------|------------------|------------------------|-------|
| 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           |                        |       |

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           |                        |       |
| 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           |                        |       |
| 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/Separated Linear Bicycle Facility (Bicycle) | \$ 8,477,600.00 | N/A                                              | N/A                                          | 35.27                                       | 85.27                               | 100                          | 100                               | 50                                          | 25                                         | 360.27           | 100                    |       |
| 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/Separated Linear Bicycle Facility (Bicycle) | \$ 995,400      | N/A                                              | N/A                                          | 14.31                                       | 64.31                               |                              | 100                               | 25                                          | 25                                         | 214.31           |                        |       |

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 |
|---------|----------------------|-----|------------------|---------------------------------------------------------------|-----------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------|--------------------------------------------------|----------------------------------------------|---------------------------------------------|-------------------------------------|------------------------------|-----------------------------------|---------------------------------------------|--------------------------------------------|------------------|------------------------|-------|
| 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/Grisson 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/Separated 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/Separated Linear Bicycle Facility (Bicycle) | \$ 300,000   | N/A                                              | N/A                                          | 36.21                                       | 86.21                               |                              | 50                                | 25                                          | 25                                         | 186.21           |                        |       |
| 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/Separated 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/Separated Linear Bicycle Facility (Bicycle) | \$ 3,047,200 | N/A                                              | N/A                                          | 32.44                                       | 82.44                               |                              | 50                                | 25                                          | 25                                         | 182.44           |                        |       |

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                                                                                                                                                                                                                                                |
|---------|---------|-----|------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|--------------------------------------------------|----------------------------------------------|---------------------------------------------|-------------------------------------|------------------------------|-----------------------------------|---------------------------------------------|--------------------------------------------|------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                               |                              | 100                               | 25                                          | 25                                         | 231.67           | 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<br>Stop ID-10108 Princess Place Dr WB at Glendale Dr<br>Stop ID-10502Princess Place Dr WB at 30th St<br>Stop ID-10528Princess Place Dr EB at 30th St<br>Stop ID-10103Market St WB at Bonefish Grill<br>Stop ID-10593E Stewart Cir NB at Spaulding Dr<br>Stop ID-10508Rankin St WB at 11th St<br>Stop ID-10510McRae St NB at Fanning St<br>Stop ID-10501Princess Place Dr WB at Montgomery Dr<br>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<br>Stop ID-10150Market St WB at Princess Place Dr<br>Stop ID-1103817th St SB at Glen Meade Dr<br>Stop ID-1100416th St SB at Wright St<br>Stop ID-11000Independence Mall<br>Stop ID-11009New Hanover Regional Medical Center<br>Stop ID-11017Wilshire Blvd EB at Emerald Square<br>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<br>Stop ID-10534Market St EB at Cinema Dr<br>Stop ID-10543Market St WB at 30th St (YMCA)<br>Stop ID-10556Market St EB at 16th St<br>Stop ID-10554Market St EB at 9th St (Cape Fear Museum)<br>Stop ID-10553Market St EB at 6th St<br>Stop ID-10548Market St WB at 16th St<br>Stop ID-10532Market St EB at Barclay Hills Dr<br>Stop ID-10184Market St EB at Walton Rd<br>Stop ID-10544Market St WB at 29th St (YMCA)<br>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 |
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| T230785 | Transit |     | Division Needs   | Route 205 Stop Improvements (8 Stops)                     | Stop ID-11132Greenfield St WB at 5th St<br>Stop ID-11102Medical Center Dr WB at Carolina Beach Rd<br>Stop ID-11089Martin St EB at 10th St<br>Stop ID-111335th St NB at Meares St<br>Stop ID-11097Doctors Cir WB at Cypress Grove Dr<br>Stop ID-11106Wellington Ave EB at Troy Dr<br>Stop ID-11101Medical Center Dr WB at Silver Stream Ln<br>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                          | 100                               | 25                                          | 25                                         | 319.52           | 100                    |       |
| 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                          | 100                               | 50                                          | 100                                        | 417.13           | 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                               |                              | 100                               | 25                                          | 25                                         | 211.81           |                        |       |
| 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                               |                              | 100                               | 25                                          | 25                                         | 212.21           |                        |       |

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 |
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| 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                                |                              | 100                               | 25                                          | 75                                         | 278.7            |                        |       |
| 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                               |                              | 100                               | 25                                          | 50                                         | 258.93           |                        |       |
| 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                               |                              | 100                               | 25                                          | 25                                         | 218.32           |                        |       |

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 |
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| 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                               |                              | 100                               | 25                                          | 100                                        | 287.98           |                        |       |
| 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                               |                              | 100                               | 25                                          | 50                                         | 238.27           |                        |       |
| 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                          | 100                               | 50                                          | 100                                        | 424.64           | 100                    |       |
| H149006-A | Highway | U-5702B | Regional Impact    | NC 132 (College Road)             | US 421 (Carolina Beach Road)                                                                                                                                          | US 117 (Shipyard 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                          | 100                               | 25                                          | 100                                        | 393.76           | 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 |         |     |                  |                                                   |                                 |                                     |                                                                                                                                                                                                                                                             |                                               |                |                                                  |                                              |                                             |                                     |                              |                                   |                                             |                                            |                  |                        |       |
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| 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                          | 100                               | 25                                          | 50                                         | 362.51           | 100                    |       |
| 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                          | 100                               | 25                                          | 25                                         | 322.31           | 100                    |       |
| 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                          | 100                               | 25                                          | 25                                         | 317.04           |                        |       |
| 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                          | 100                               | 25                                          | 25                                         | 317.84           | 100                    |       |
| 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                               | 100                          | 100                               | 25                                          | 25                                         | 330.36           | 100                    |       |
| 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                          | 100                               | 25                                          | 25                                         | 306.60           |                        |       |

| Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment |         |         |                    |                                |                                 |                               |                                                                                                                                                                                                                                                                                                      |                                                               |                |                                                  |                                              |                                             |                                     |                              |                                   |                                             |                                            |                  |                        |       |
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| 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 |
| 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           |                        |       |
| 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                               |                              | 100                               | 100                                         | 25                                         | 312.27           | 100                    |       |

| Prioritization 7.0 Draft Division Needs Projects -- Draft Point Assignment |         |        |                    |                                                                                                                                     |                               |                                 |                                                                                                                                                                                                                                                                                                                                     |                                                                      |                  |                                                  |                                              |                                             |                                     |                              |                                   |                                             |                                            |                  |                        |       |
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| 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           |                        |       |
| 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                          | 100                               | 50                                          | 100                                        | 433.54           | 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 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                |
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| 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  |

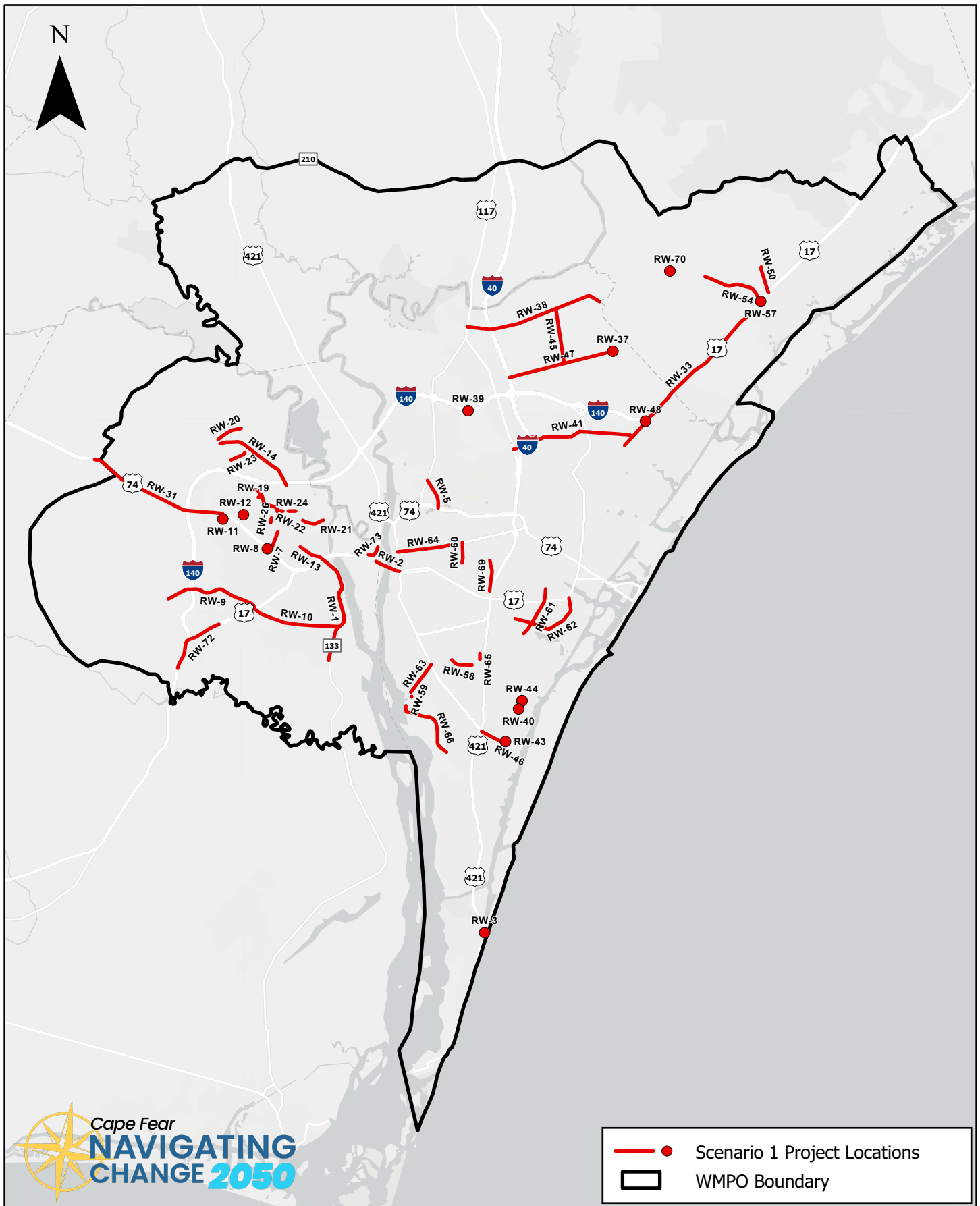


| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 1 |                                                |                                                                                                                                                                                                                                                    |              |                  |
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| 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  | 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                                                                                                                                                                                                        | Funding Band | Project Cost   |
| RW-5                                                                                        | N. 23 Street Widening                                       | Widen to 4-lane cross section                                                                                                                                                                                      | 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 | 2024-2028    | \$ 2,020,000   |
| RW-2                                                                                        | Cape Fear Memorial Bridge Replacement                       | Bridge Replacement/Road Widening. 6 lanes at 12'                                                                                                                                                                   | 2034-2040    | \$ 85,000,000  |
| RW-41                                                                                       | Murrayville Rd Modernization and Extension                  | Modernization and Extension of Murrayville Rd to Market St                                                                                                                                                         | 2034-2040    | \$ 141,700,000 |
| RW-1                                                                                        | NC 133/River Rd SE Widening                                 | Widen NC 133 from two to four lanes with intersection improvements                                                                                                                                                 | 2034-2040    | \$ 113,500,000 |
| RW-39                                                                                       | I-140/Blue Clay Rd Interchange                              | Interchange                                                                                                                                                                                                        | 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                                                                                                                              | 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.                                                                                                                          | 2034-2040    | \$ 22,700,000  |
| RW-71                                                                                       | Oleander Drive Access Management Improvements               | Access Management Improvements                                                                                                                                                                                     | 2034-2040    | \$ 145,500,000 |
| RW-37                                                                                       | Future Hampstead Bypass/Sidbury Rd Interchange              | Interchange                                                                                                                                                                                                        | 2034-2040    | \$ 13,900,000  |
| RW-57                                                                                       | US 17/NC 210 Intersection Improvements                      | Intersection Improvements with MUP                                                                                                                                                                                 | 2034-2040    | \$ 1,160,000   |
| RW-72                                                                                       | US 17 (Ocean Highway) Access Management                     | Provide access management along corridor.                                                                                                                                                                          | 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                                                                                                                                             | 2041-2050    | \$ 116,800,000 |
| RW-9                                                                                        | US 17/Highway 87 Connection                                 | New road connecting US Highway 17 and NC Highway 87                                                                                                                                                                | 2041-2050    | \$ 56,830,000  |
| RW-47                                                                                       | Sidbury Rd Widening                                         | Widening                                                                                                                                                                                                           | 2041-2050    | \$ 33,400,000  |
| RW-33                                                                                       | US 17 Reduced Conflict Intersections (Scotts Hill)          | Convert roadway to superstreet configuration and provide access management.                                                                                                                                        | 2041-2050    | \$ 74,800,000  |

| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2 |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                |
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| Project ID                                                                                  | Project Name                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                            | 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                                                                                                                                                                                                                                                                                        | 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                                                                                                                                                                                                                                                                                                                                                  | 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.                                                                                                                                                                                                                                                     | 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                                                                                                                                                                                                                                                                                                                                                                      | 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.                                                                                                                                                                                                                                                                                                                                    | 2041-2050    | \$ 1,300,000   |
| RW-46                                                                                       | Piner Rd Widening and Intersection Realignment                     | Widening and Intersection Realignment                                                                                                                                                                                                                                                                                                                                                                                                  | 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                                                                                                                                                            | 2041-2050    | \$ 6,170,955   |
| RW-69                                                                                       | Kerr Avenue Widening                                               | Widen arterial from 2 to 4 lanes with a median                                                                                                                                                                                                                                                                                                                                                                                         | 2041-2050    | \$ 108,700,000 |
| RW-73                                                                                       | US 74/NC 133 Merge Lane Widening                                   | Widen existing merge lane to two lanes                                                                                                                                                                                                                                                                                                                                                                                                 | 2041-2050    | \$ 30,800,000  |
| RW-31                                                                                       | Upgrade US 74/76 to Interstate                                     | Upgrade US 74/76 to interstate standards.                                                                                                                                                                                                                                                                                                                                                                                              | 2041-2050    | \$ 68,300,000  |
| RW-48                                                                                       | US 17/US17 BUS/I-140 Interchange Improvements                      | Interchange                                                                                                                                                                                                                                                                                                                                                                                                                            | 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 | 2041-2050    | \$ 19,401,274  |
| RW-45                                                                                       | New Roadway Connector between Sidbury Rd and Holly Shelter Rd      | Widening                                                                                                                                                                                                                                                                                                                                                                                                                               | 2041-2050    | \$ 15,500,000  |
| RW-23                                                                                       | Ridge Rd Extension                                                 | Connect Mt. Misery Rd to Ridge Rd.                                                                                                                                                                                                                                                                                                                                                                                                     | 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.                                                                                                                                                                                                                                                                                                                                            | 2041-2050    | \$ 35,590,000  |

| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2 |                                                     |                                                                                                                                                                                                                                                                                                                      |              |                |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Project ID                                                                                  | Project Name                                        | Description                                                                                                                                                                                                                                                                                                          | Funding Band | Project Cost   |
| RW-54                                                                                       | NC 210 Widening                                     | Widen NC 210                                                                                                                                                                                                                                                                                                         | 2041-2050    | \$ 22,950,000  |
| RW-59                                                                                       | Barnards Creek Bridge                               | Widen bridge to accommodate four travel lanes. Required to widen River Rd                                                                                                                                                                                                                                            | 2041-2050    | \$ 4,347,648   |
| RW-3                                                                                        | Cape Fear Blvd/Canal Dr Roundabout                  | Install a roundabout or one-way traffic pattern                                                                                                                                                                                                                                                                      | 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.                                                                                                                                                                                                                          | 2050 +       | \$ 956,300,000 |
| RW-6                                                                                        | Snow's Cut Bridge Replacement                       | US 421 Snow's Cut Bridge Replacement. 4, 12' lanes with a median                                                                                                                                                                                                                                                     | 2050 +       | \$ 90,822,977  |
| RW-30                                                                                       | I-40 Widening                                       | Widen to 6 lanes, elevate for resiliency                                                                                                                                                                                                                                                                             | 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.                                                                                                                                                                                                 | 2050 +       | \$ 3,520,000   |
| RW-29                                                                                       | I-40 Resiliency Improvements                        | Elevate for resiliency                                                                                                                                                                                                                                                                                               | 2050 +       | \$ 337,500,000 |
| RW-34                                                                                       | US 17 Upgrade to Controlled Access Facility         | Upgrade to a controlled access facility with service roads                                                                                                                                                                                                                                                           | 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                                                                                                                                                                                                      | 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                                                                                                              | 2050 +       | \$ 3,438,195   |
| RW-13                                                                                       | Village Road Streetscape                            | Repurpose Village Road for more context-appropriate main street design                                                                                                                                                                                                                                               | 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) | 2050 +       | \$ 39,600,000  |
| RW-28                                                                                       | I-140 at US 74/76 Intersection Improvements         | Upgrade to interchange                                                                                                                                                                                                                                                                                               | 2050 +       | \$ 422,300,000 |
| RW-35                                                                                       | US17 at Sloop Point Loop Road Interchange           | Tight Urban Diamond Interchange                                                                                                                                                                                                                                                                                      | 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                                                                                                               | 2050 +       | \$ 577,500     |
| RW-15                                                                                       | Cedar Hill Rd/Wide Wy Connector                     | Connect Cedar Hill Rd to the Wide Wy Extension                                                                                                                                                                                                                                                                       | 2050 +       | \$ 3,750,000   |
| RW-16                                                                                       | Cobbs Wy Extension                                  | Connect the Mt. Misery/Daniels Rd Connector to the Ridge Rd Extension.                                                                                                                                                                                                                                               | 2050 +       | \$ 7,490,000   |



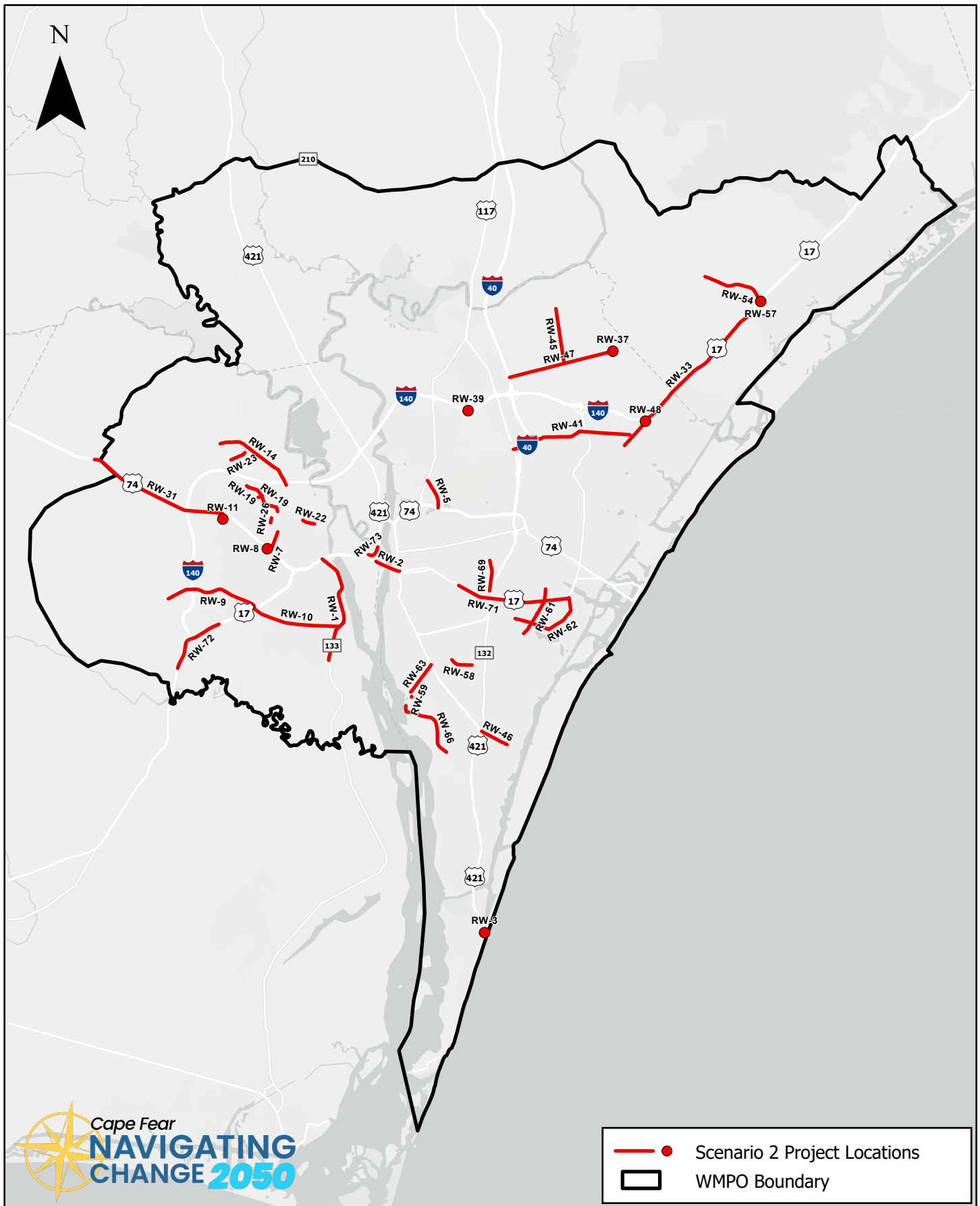
| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2 |                                                            |                                                                                                                                                                                                                                                                                                                                           |              |               |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| Project ID                                                                                  | Project Name                                               | Description                                                                                                                                                                                                                                                                                                                               | 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.                                                                                        | 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.                                                                                                                                                                                                              | 2050 +       | \$ 8,550,000  |
| RW-20                                                                                       | Mt. Misery/Daniels Connector                               | Connect Mt. Misery Rd to Daniels Rd                                                                                                                                                                                                                                                                                                       | 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.                                                                                                                                                                                                                                          | 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.                                                                                                                                                                                                                              | 2050 +       | \$ 14,890,000 |
| RW-36                                                                                       | Blue Clay Rd Modernization                                 | Modernization                                                                                                                                                                                                                                                                                                                             | 2050 +       | \$ 29,090,000 |
| RW-38                                                                                       | Holly Shelter Rd Widening                                  | Widening                                                                                                                                                                                                                                                                                                                                  | 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 | 2050 +       | \$ 1,125,600  |
| RW-32                                                                                       | US 17 BUS at Gordon Road Interchange                       | Tight Urban Diamond Interchange                                                                                                                                                                                                                                                                                                           | 2050 +       | \$ 43,900,000 |
| RW-42                                                                                       | Myrtle Grove Rd Widening                                   | Widening                                                                                                                                                                                                                                                                                                                                  | 2050 +       | \$ 44,400,000 |
| RW-50                                                                                       | Hoover Rd Widening                                         | Widen Hoover Rd                                                                                                                                                                                                                                                                                                                           | 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.                                                                                                                                                                           | 2050 +       | \$ 2,020,000  |
| RW-43                                                                                       | Myrtle Grove Rd/Piner Rd/Masonboro Loop Rd Roundabout      | Roundabout                                                                                                                                                                                                                                                                                                                                | 2050 +       | \$ 2,020,000  |
| RW-49                                                                                       | Blueberry Rd Improvements                                  | Widen Blueberry Rd                                                                                                                                                                                                                                                                                                                        | 2050 +       | \$ 38,870,000 |
| RW-40                                                                                       | Mohican Trl/Masonboro Loop Rd Roundabout                   | Roundabout                                                                                                                                                                                                                                                                                                                                | 2050 +       | \$ 2,020,000  |
| RW-44                                                                                       | Navajo Trl/Masonboro Loop Rd Roundabout                    | Roundabout at southern intersection                                                                                                                                                                                                                                                                                                       | 2050 +       | \$ 2,020,000  |
| RW-56                                                                                       | US 117/NC 210 Intersection Improvements                    | Intersection Improvements with MUP                                                                                                                                                                                                                                                                                                        | 2050 +       | \$ 1,116,000  |
| RW-70                                                                                       | NC 210 at Island Creek Road Intersection Improvements      | Realign intersection to improve safety and efficiency                                                                                                                                                                                                                                                                                     | 2050 +       | \$ 14,433,148 |

| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 2 |                                                            |                                                                      |              |                |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------|--------------|----------------|
| Project ID                                                                                  | Project Name                                               | Description                                                          | 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 | 2050 +       | \$ 2,680,000   |
| RW-4                                                                                        | Dow Rd Widening                                            | Widen Dow Rd to four lanes                                           | 2050 +       | \$ 37,610,000  |
| RW-68                                                                                       | Heide Trask Bridge Replacement                             | Replace Heide Trask Bridge                                           | 2050 +       | \$ 112,100,000 |



# Fiscally Constrained Roadway Projects

## Scenario 2



| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3 |                                                                    |                                                                                                                                                                                                                    |              |                |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Project ID                                                                                  | Project Name                                                       | Description                                                                                                                                                                                                        | Funding Band | Project Cost   |
| RW-5                                                                                        | N. 23 Street Widening                                              | Widen to 4-lane cross section                                                                                                                                                                                      | 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 | 2024-2028    | \$ 2,020,000   |
| RW-2                                                                                        | Cape Fear Memorial Bridge Replacement                              | Bridge Replacement/Road Widening. 6 lanes at 12'                                                                                                                                                                   | 2034-2040    | \$ 85,000,000  |
| RW-41                                                                                       | Murrayville Rd Modernization and Extension                         | Modernization and Extension of Murrayville Rd to Market St                                                                                                                                                         | 2034-2040    | \$ 141,700,000 |
| RW-1                                                                                        | NC 133/River Rd SE Widening                                        | Widen NC 133 from two to four lanes with intersection improvements                                                                                                                                                 | 2034-2040    | \$ 113,500,000 |
| RW-39                                                                                       | I-140/Blue Clay Rd Interchange                                     | Interchange                                                                                                                                                                                                        | 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                                                                                                                              | 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.                                                                                                                          | 2034-2040    | \$ 22,700,000  |
| RW-71                                                                                       | Oleander Drive Access Management Improvements                      | Access Management Improvements                                                                                                                                                                                     | 2034-2040    | \$ 145,500,000 |
| RW-37                                                                                       | Future Hampstead Bypass/Sidbury Rd Interchange                     | Interchange                                                                                                                                                                                                        | 2034-2040    | \$ 13,900,000  |
| RW-57                                                                                       | US 17/NC 210 Intersection Improvements                             | Intersection Improvements with MUP                                                                                                                                                                                 | 2034-2040    | \$ 1,160,000   |
| RW-72                                                                                       | US 17 (Ocean Highway) Access Management                            | Provide access management along corridor.                                                                                                                                                                          | 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                                                                                                                                             | 2041-2050    | \$ 116,800,000 |
| RW-9                                                                                        | US 17/Highway 87 Connection                                        | New road connecting US Highway 17 and NC Highway 87                                                                                                                                                                | 2041-2050    | \$ 56,830,000  |
| RW-47                                                                                       | Sidbury Rd Widening                                                | Widening                                                                                                                                                                                                           | 2041-2050    | \$ 33,400,000  |
| RW-33                                                                                       | US 17 Reduced Conflict Intersections (Scotts Hill)                 | Convert roadway to superstreet configuration and provide access management.                                                                                                                                        | 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                                                                    | 2041-2050    | \$ 5,980,000   |
| 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    | \$ 3,520,000   |
| RW-62                                                                                       | Greenville Loop Rd Widening                                        | Widen to two 12' travel lanes in each direction, 23' median, 10' MUP, and 5' sidewalk                                                                                                                              | 2041-2050    | \$ 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.                                 | 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                                                                                                                                                  | 2041-2050    | \$ 4,140,000   |

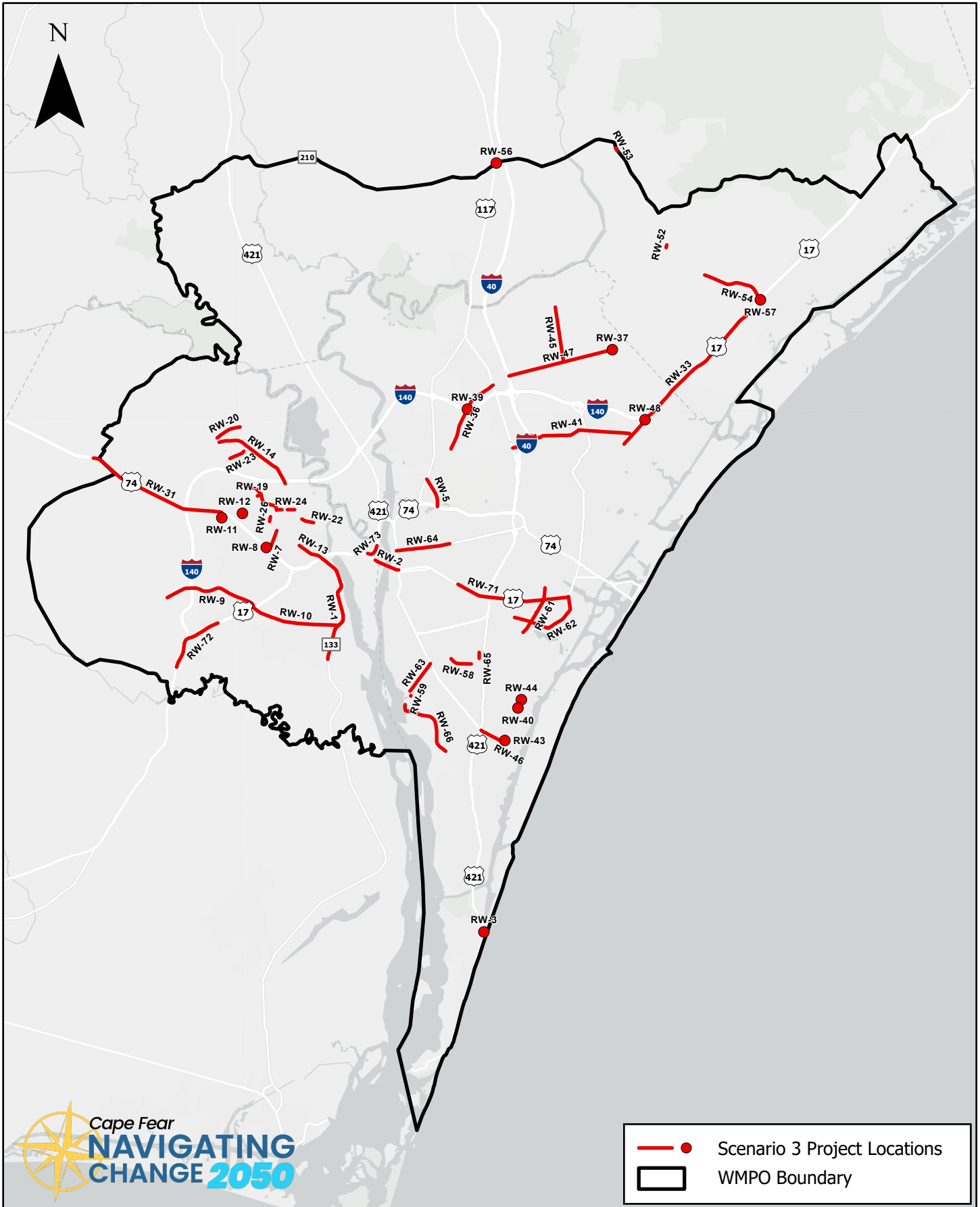
| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3 |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |               |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| Project ID                                                                                  | Project Name                                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                            | Funding Band | Project Cost  |
| RW-26                                                                                       | Victoria Ln Extension                                         | Extend Victoria Lane to the Town’s limits with potential connection to Sturgeon Drive NE in Leland.                                                                                                                                                                                                                                                                                                                                    | 2041-2050    | \$ 1,300,000  |
| 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    | \$ 3,438,195  |
| RW-13                                                                                       | Village Road Streetscape                                      | Repurpose Village Road for more context-appropriate main street design                                                                                                                                                                                                                                                                                                                                                                 | 2041-2050    | \$ 7,880,000  |
| RW-46                                                                                       | Piner Rd Widening and Intersection Realignment                | Widening and Intersection Realignment                                                                                                                                                                                                                                                                                                                                                                                                  | 2041-2050    | \$ 15,350,000 |
| 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    | \$ 39,600,000 |
| 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    | \$ 6,170,955  |
| RW-73                                                                                       | US 74/NC 133 Merge Lane Widening                              | Widen existing merge lane to two lanes                                                                                                                                                                                                                                                                                                                                                                                                 | 2041-2050    | \$ 30,800,000 |
| RW-31                                                                                       | Upgrade US 74/76 to Interstate                                | Upgrade US 74/76 to interstate standards.                                                                                                                                                                                                                                                                                                                                                                                              | 2041-2050    | \$ 68,300,000 |
| RW-48                                                                                       | US 17/US17 BUS/I-140 Interchange Improvements                 | Interchange                                                                                                                                                                                                                                                                                                                                                                                                                            | 2041-2050    | \$ 19,510,000 |
| 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                                                                                                                                                                                                                                 | 2041-2050    | \$ 577,500    |
| 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 | 2041-2050    | \$ 19,401,274 |
| RW-45                                                                                       | New Roadway Connector between Sidbury Rd and Holly Shelter Rd | Widening                                                                                                                                                                                                                                                                                                                                                                                                                               | 2041-2050    | \$ 15,500,000 |
| RW-20                                                                                       | Mt. Misery/Daniels Connector                                  | Connect Mt. Misery Rd to Daniels Rd                                                                                                                                                                                                                                                                                                                                                                                                    | 2041-2050    | \$ 7,180,000  |
| RW-23                                                                                       | Ridge Rd Extension                                            | Connect Mt. Misery Rd to Ridge Rd.                                                                                                                                                                                                                                                                                                                                                                                                     | 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.                                                                                                                                                                                                                                                                                                                                            | 2041-2050    | \$ 35,590,000 |
| RW-36                                                                                       | Blue Clay Rd Modernization                                    | Modernization                                                                                                                                                                                                                                                                                                                                                                                                                          | 2041-2050    | \$ 29,090,000 |

| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3 |                                                       |                                                                                                                                                                                                                                                    |              |                |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Project ID                                                                                  | Project Name                                          | Description                                                                                                                                                                                                                                        | Funding Band | Project Cost   |
| 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.                                                                                    | 2041-2050    | \$ 2,020,000   |
| RW-43                                                                                       | Myrtle Grove Rd/Piner Rd/Masonboro Loop Rd Roundabout | Roundabout                                                                                                                                                                                                                                         | 2041-2050    | \$ 2,020,000   |
| RW-52                                                                                       | NC 210 Bridge - Harrison Creek                        | Flood Resilient Bridges Needed                                                                                                                                                                                                                     | 2041-2050    | \$ 3,821,634   |
| RW-40                                                                                       | Mohican Trl/Masonboro Loop Rd Roundabout              | Roundabout                                                                                                                                                                                                                                         | 2041-2050    | \$ 2,020,000   |
| RW-44                                                                                       | Navajo Trl/Masonboro Loop Rd Roundabout               | Roundabout at southern intersection                                                                                                                                                                                                                | 2041-2050    | \$ 2,020,000   |
| RW-53                                                                                       | NC 210 Bridge - Merricks Creek                        | Flood Resilient Bridges Needed                                                                                                                                                                                                                     | 2041-2050    | \$ 4,062,150   |
| RW-54                                                                                       | NC 210 Widening                                       | Widen NC 210                                                                                                                                                                                                                                       | 2041-2050    | \$ 22,950,000  |
| RW-56                                                                                       | US 117/NC 210 Intersection Improvements               | Intersection Improvements with MUP                                                                                                                                                                                                                 | 2041-2050    | \$ 1,116,000   |
| RW-59                                                                                       | Barnards Creek Bridge                                 | Widen bridge to accommodate four travel lanes. Required to widen River Rd                                                                                                                                                                          | 2041-2050    | \$ 4,347,648   |
| RW-3                                                                                        | Cape Fear Blvd/Canal Dr Roundabout                    | Install a roundabout or one-way traffic pattern                                                                                                                                                                                                    | 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.                                                                                                                                                        | 2050+        | \$ 956,300,000 |
| RW-6                                                                                        | Snow's Cut Bridge Replacement                         | US 421 Snow's Cut Bridge Replacement. 4, 12' lanes with a median                                                                                                                                                                                   | 2050+        | \$ 90,822,977  |
| RW-30                                                                                       | I-40 Widening                                         | Widen to 6 lanes, elevate for resiliency                                                                                                                                                                                                           | 2050+        | \$ 154,900,000 |
| RW-29                                                                                       | I-40 Resiliency Improvements                          | Elevate for resiliency                                                                                                                                                                                                                             | 2050+        | \$ 337,500,000 |
| RW-34                                                                                       | US 17 Upgrade to Controlled Access Facility           | Upgrade to a controlled access facility with service roads                                                                                                                                                                                         | 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                                                                                                                                    | 2050+        | \$ 3,960,000   |
| RW-69                                                                                       | Kerr Avenue Widening                                  | Widen arterial from 2 to 4 lanes with a median                                                                                                                                                                                                     | 2050+        | \$ 108,700,000 |
| RW-28                                                                                       | I-140 at US 74/76 Intersection Improvements           | Upgrade to interchange                                                                                                                                                                                                                             | 2050+        | \$ 422,300,000 |
| RW-35                                                                                       | US17 at Sloop Point Loop Road Interchange             | Tight Urban Diamond Interchange                                                                                                                                                                                                                    | 2050+        | \$ 51,810,000  |
| RW-15                                                                                       | Cedar Hill Rd/Wide Wy Connector                       | Connect Cedar Hill Rd to the Wide Wy Extension                                                                                                                                                                                                     | 2050+        | \$ 3,750,000   |
| RW-16                                                                                       | Cobbs Wy Extension                                    | Connect the Mt. Misery/Daniels Rd Connector to the Ridge Rd Extension.                                                                                                                                                                             | 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. | 2050+        | \$ 9,010,000   |

| Cape Fear Navigating Change 2050 - Draft Fiscally Constrained Roadway Projects - Scenario 3 |                                                            |                                                                                                                                                                                                                                                                                                                                           |              |                |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Project ID                                                                                  | Project Name                                               | Description                                                                                                                                                                                                                                                                                                                               | Funding Band | Project Cost   |
| 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+        | \$ 8,550,000   |
| RW-25                                                                                       | Valentine Wy Extension                                     | Connect the Wide Wy Extension to Cedar Hill Rd and Cedar Hill Ro to the Heritage Park Connector.                                                                                                                                                                                                                                          | 2050+        | \$ 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.                                                                                                                                                                                                                              | 2050+        | \$ 14,890,000  |
| RW-38                                                                                       | Holly Shelter Rd Widening                                  | Widening                                                                                                                                                                                                                                                                                                                                  | 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 | 2050+        | \$ 1,125,600   |
| RW-32                                                                                       | US 17 BUS at Gordon Road Interchange                       | Tight Urban Diamond Interchange                                                                                                                                                                                                                                                                                                           | 2050+        | \$ 43,900,000  |
| RW-42                                                                                       | Myrtle Grove Rd Widening                                   | Widening                                                                                                                                                                                                                                                                                                                                  | 2050+        | \$ 44,400,000  |
| RW-50                                                                                       | Hoover Rd Widening                                         | Widen Hoover Rd                                                                                                                                                                                                                                                                                                                           | 2050+        | \$ 11,970,000  |
| RW-49                                                                                       | Blueberry Rd Improvements                                  | Widen Blueberry Rd                                                                                                                                                                                                                                                                                                                        | 2050+        | \$ 38,870,000  |
| RW-70                                                                                       | NC 210 at Island Creek Road Intersection Improvements      | Realign intersection to improve safety and efficiency                                                                                                                                                                                                                                                                                     | 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                                                                                                                                                                                                                                                                      | 2050+        | \$ 2,680,000   |
| RW-4                                                                                        | Dow Rd Widening                                            | Widen Dow Rd to four lanes                                                                                                                                                                                                                                                                                                                | 2050+        | \$ 37,610,000  |
| RW-55                                                                                       | US 117 over NE Cape Fear River at NHC/Pender County Line   | Flood Resilient Bridges Needed; Multi-modal Bridge (replacement & betterment) with 10' Protected multi-use path on both sides of bridge                                                                                                                                                                                                   | 2050+        | \$ 16,920,576  |
| RW-68                                                                                       | Heide Trask Bridge Replacement                             | Replace Heide Trask Bridge                                                                                                                                                                                                                                                                                                                | 2050+        | \$ 112,100,000 |

# 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 scheduled 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 3<sup>rd</sup> Street/Ann Street Traffic Signal**

**Project Description/Scope:** Project consists of the installation of a traffic signal at the intersection of 3<sup>rd</sup> 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 3<sup>rd</sup>/Orange projects together next spring

**HL-0110 3<sup>rd</sup> Street/Orange Street Traffic Signal**

**Project Description/Scope:** Project consists of the installation of a traffic signal at the intersection of 3<sup>rd</sup> 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 3<sup>rd</sup>/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- 21<sup>ST</sup> 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 34<sup>th</sup> 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 35<sup>th</sup> Annual River to Sea Bike Ride in May 2025. The 4<sup>th</sup> 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.

# Division 3 Project Update October 2024



WILMINGTON URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION

| WMPO OCTOBER PROJECTS IN DEVELOPMENT |               |                         |                                                                                                                                                    |                        |                                    |
|--------------------------------------|---------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------|
| Project Manager                      | Contract Type | TIP                     | Description                                                                                                                                        | County                 | *SAP Let Date<br>(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,<br>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<br>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<br>(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<br>(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

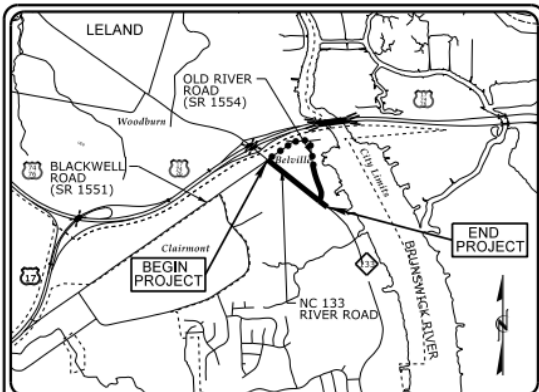
Contact: Michelle Howes, [mnhowes@ncdot.gov](mailto:mnhowes@ncdot.gov), 910.341.2001

## 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.





**VICINITY MAP**  
NOT TO SCALE ... DETOUR

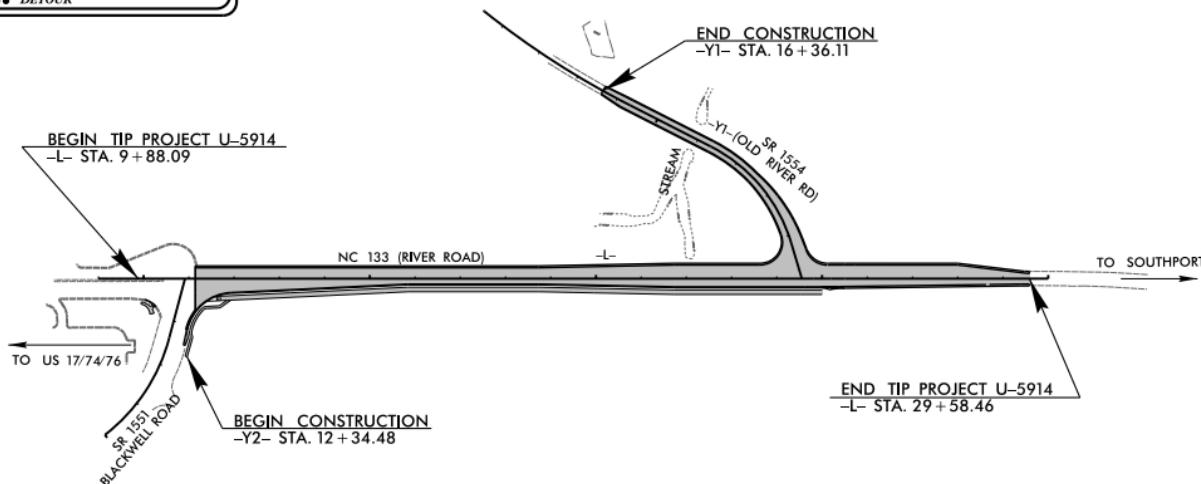
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

## BRUNSWICK COUNTY

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

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

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



### CULVERT

NTS

#### DESIGN DATA

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

#### PROJECT LENGTH

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

**AECOM**

2019 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
JANUARY 10, 2022

LETTING DATE:  
JUNE 15, 2023

Prepared in the Office of:

NC FIRM LICENSE No. F-0342  
5438 Wade Park Blvd. Suite 200  
Raleigh, NC 27607  
1919 854-6200

EDWARD G. EDENS, P.E.  
PROJECT ENGINEER

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

ERIC C. MURRAY  
PROJECT ENGINEER  
NCDOT CONTACT

STRUCTURE DESIGN  
ENGINEER



Designed by:  
John O. Morrison, PE  
SIGNATURE

P.E. 5/25/2023

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



## Project Details:

Work Began: 08/2023

Est. Completion: 06/2024

Rev. Completion: 07/2024

Contractor: Chatham Civil

NCDOT Contact: Joshua  
Pratt

Contract: \$4,811,193

## Project Comments:

Punchlist items remain.

**NC 133 BELVILLE WIDENING**

FROM SR 1551 (BLACKWELL  
RD) TO SR 1554 (OLD RIVER  
RD).

## CONSTRUCTION PROGRESS

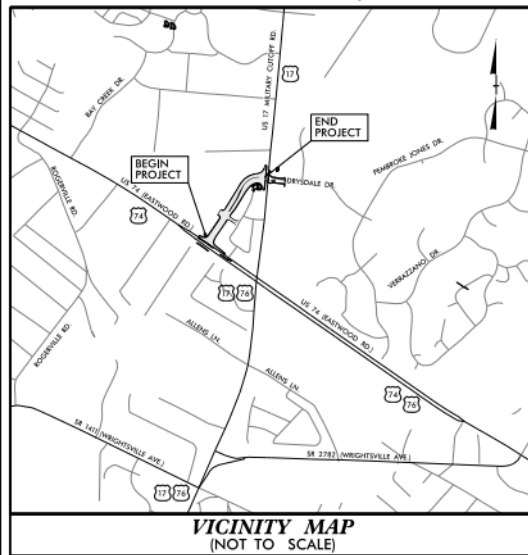
# 95%

10/2024

81

89/08/49  
TIP PROJECT: U-5710A  
CONTRACT: C204747

See Sheet 1B For Conventional Symbols

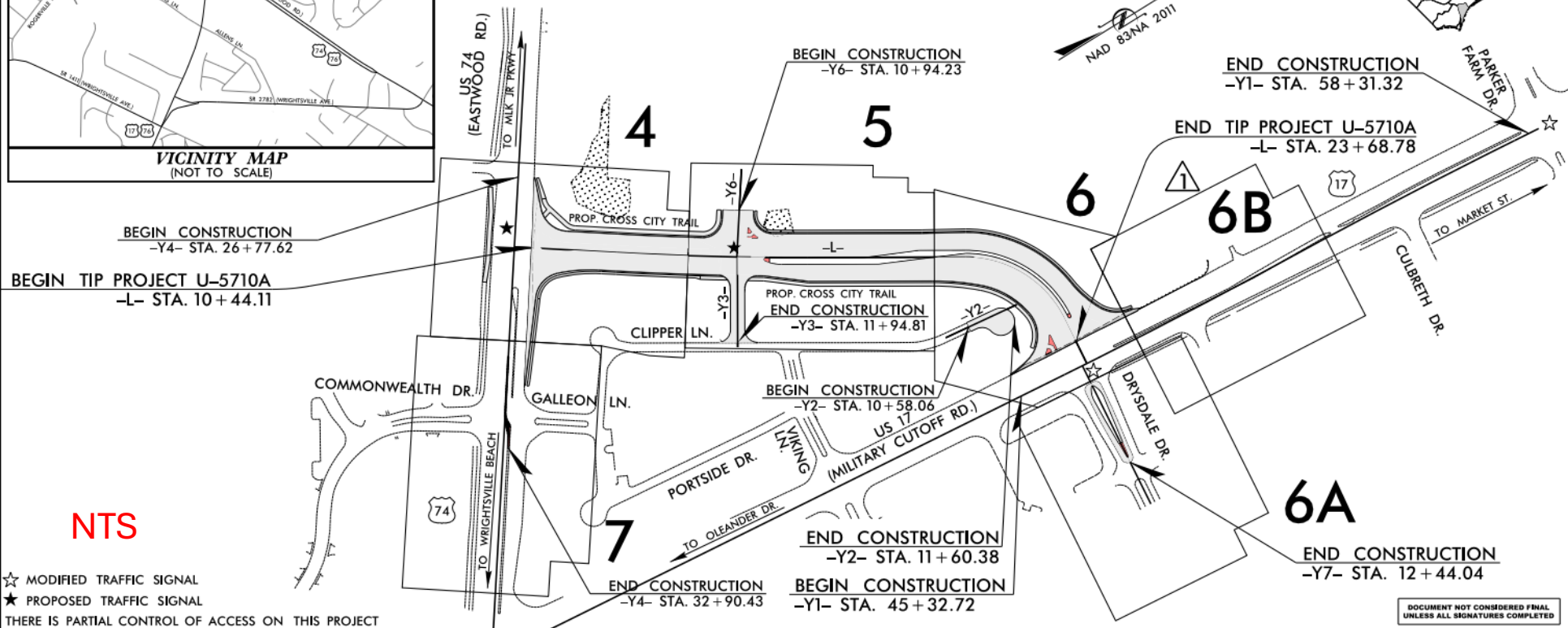


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**NEW HANOVER COUNTY**

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

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

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

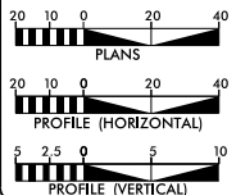


NTS

☆ MODIFIED TRAFFIC SIGNAL  
★ PROPOSED TRAFFIC SIGNAL

THERE IS PARTIAL CONTROL OF ACCESS ON THIS PROJECT

GRAPHIC SCALES



DESIGN DATA

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

PROJECT LENGTH

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



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

RIGHT OF WAY DATE:  
DECEMBER 11, 2018

LETTING DATE:  
JUNE 21, 2022

PHILLIP E. ROGERS, PE  
PROJECT ENGINEER  
CASEY E. HARRIS, PE  
PROJECT DESIGN ENGINEER  
MICHAEL BASS  
NCDOT CONTACT



HYDRAULICS  
ENGINEER

SIGNATURE: *William J. Masterson* P.E.

11/31/2024

ROADWAY DESIGN  
ENGINEER

SIGNATURE: *Casey E. Harris* P.E.

11/31/2024

11/31/2024



**Project Details:**

Work Begin: 09/2022

Est. Completion: 01/2025

Rev. Completion: 04/2025

Contractor: Chatham Civil

NCDOT Contact: Joshua Pratt

Contract: \$7,199,999

**Project Comments:**

48" RCP placement completed, Finishing grading ABC, paving, signal work ongoing.

**DRYSDALE EXTENSION**

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

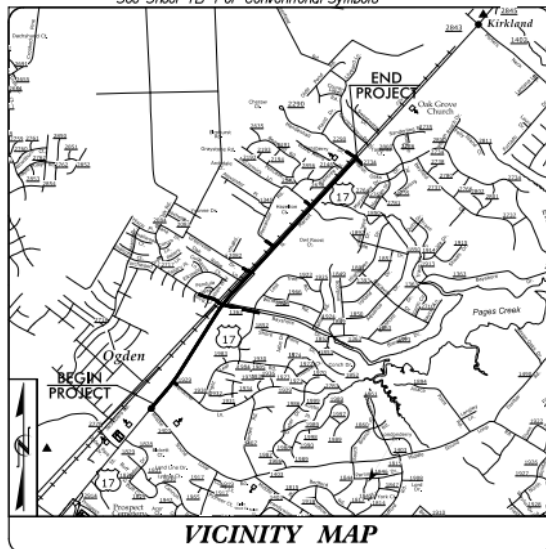
**CONSTRUCTION  
PROGRESS**

**75%**

10/2024

82

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



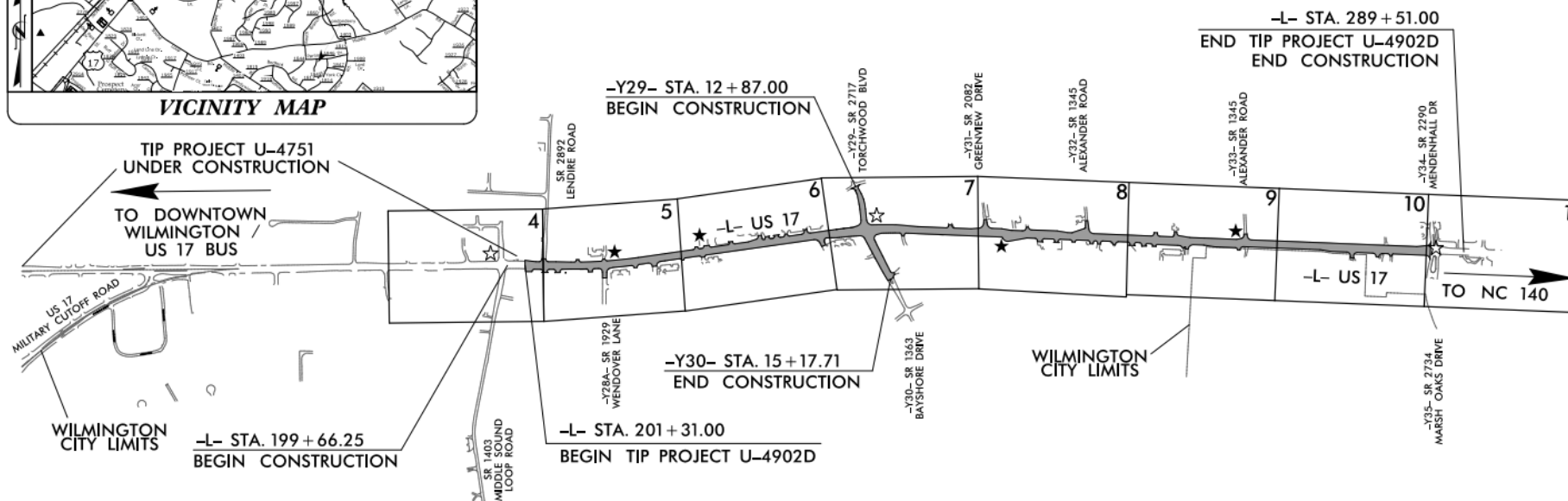
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NEW HANOVER COUNTY**

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

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

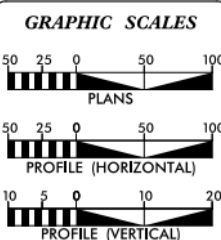
| STATE             | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
|-------------------|-----------------------------|-------------|--------------|
| N.C.              | U-4902D                     | 1           |              |
| STATE PROJECT NO. | P.A. PROJECT NO.            | DESCRIPTION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



NTS

|   |                 |
|---|-----------------|
| ☆ | EXISTING SIGNAL |
| ★ | PROPOSED SIGNAL |

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



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

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

| PREPARED IN THE OFFICE OF              |                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>HNTB</b>                            | HNTB NORTH CAROLINA, P.C.<br>1000 S. H. 1014<br>RICHMOND, NORTH CAROLINA 28804<br>TEL: 704/344-1000 FAX: 704/344-2000 |
| FOR DIVISION OF HIGHWAYS               |                                                                                                                       |
| 2018 STANDARD SPECIFICATIONS           |                                                                                                                       |
| RIGHT OF WAY DATE:<br>JANUARY 30, 2017 | <b>DOUGLAS M. WHEATLEY, PE</b><br>PROJECT ENGINEER                                                                    |
| LETTING DATE:<br>FEBRUARY 19, 2019     | <b>ROY TELLIER, PE</b><br>PROJECT DESIGN ENGINEER                                                                     |
|                                        | <b>KRISTA KIMMEL, PE</b><br>NCDOT CONTACT                                                                             |

| HYDRAULICS ENGINEER                              |                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------|
| Designed by:<br><b>James A. Boyd</b><br>1/7/2019 | <b>SEAL 15744</b><br>NORTH CAROLINA<br>REGISTERED PROFESSIONAL ENGINEER  |
| SIGNATURE:                                       | P.E.                                                                     |
| ROADWAY DESIGN ENGINEER                          |                                                                          |
| Designed by:<br><b>Roy Tellier</b><br>1/4/2019   | <b>SEAL 044575</b><br>NORTH CAROLINA<br>REGISTERED PROFESSIONAL ENGINEER |
| SIGNATURE:                                       | P.E.                                                                     |



**Project Details:**

Work Begin: 04/2019

Est. Completion: 11/2022

Rev. Completion: 09/2024

Contractor: Sealand Contractors

NCDOT Contact: Joshua Pratt

Contract: \$24,654,091

**Project Comments:**

Asphalt surface next month, asphalt base and binder complete, storm drain, curb and gutter, signals, Islands, water and sewer tie-ins, multi-use path construction, sidewalk construction.

**US 17 (MARKET STREET)**

FROM SR 1403 TO SR 2734 IN WILMINGTON.

**CONSTRUCTION PROGRESS**

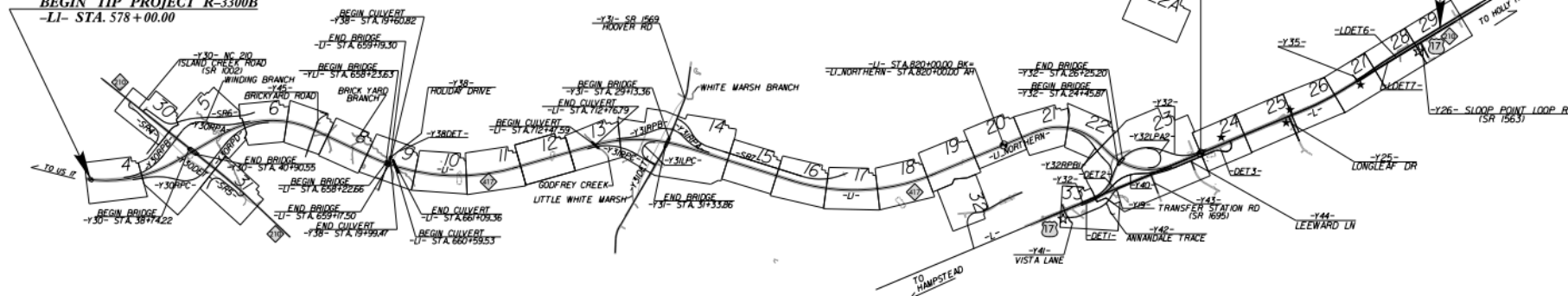
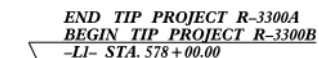
**73%**

10/2024

83



**CONTRACT: C204553**



NTS

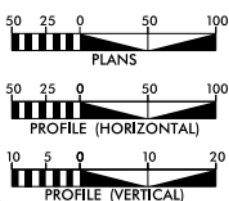
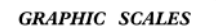
 **Dewberry**

2630 WYCLIFF ROAD  
SUITE 430  
RALEIGH, NC 27607  
PHONE: 919.881.993  
NC CDA No. F-0029

☆ UPDATE EXISTING SIGNAL  
★ PROPOSED SIGNAL

~~-THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES~~

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETE



### DESIGN DATA

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

### PROJECT LENGTH

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

PREPARED IN THE OFFICE OF:  
**STANTEC CONSULTING**  
 891 Jones Franklin Road [Suite 280] Raleigh, NC 27606  
 Tel. (919) 851-8866 | Fax. (919) 851-7824 | [www.stantec.com](http://www.stantec.com)  
 License No. F-9672

**Stantec**

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

**RIGHT OF WAY DATE:**  
MARCH 16, 2018

LETTING DATE:  
JANUARY 18, 2022

MICHAEL D. LINDGREN, P.E.  
PROJECT ENGINEER

TRACE HOWELL, P.E.  
NCDOT DIVISION 3 CONTACT

---

**HYDRAULICS ENGINEERS**



Designed by:  
Jesha G Dalton  
11/7

Steve Bond

**ROADWAY DESIGN  
ENGINEER**



Declassified by:  
Mike Lindgren  
11/22/20



### Project Details:

Work Begin: 03/2022

Est. Completion: 06/2024

Rev. Completion: 12/2024

Contractor: CONTI CIVIL

NCDOT Contact: Daniel  
Waugh

Contract: \$185,680,442

## Project Comments:

Grading, fill being placed along -  
L- Line throughout; Interchange  
at US 17 – grading on going,  
structure foundation complete,  
complete MSE walls, CIP at end  
bents, girder placement mid  
OCT 24; Water and Sewer at US  
17 (75% Complete)

## HAMPSTEAD BYPASS

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

## CONSTRUCTION PROGRESS

# 48%

10/2024

84

| WMPO OCTOBER RESURFACING PROJECTS |               |                     |                                                                   |                                            |                  |
|-----------------------------------|---------------|---------------------|-------------------------------------------------------------------|--------------------------------------------|------------------|
| Contract Number                   | Contract Year | County              | Routes                                                            | *Estimated Completion<br>(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](#) (Highway Maintenance Improvement Program) GIS maps

\*Dates are subject to change.

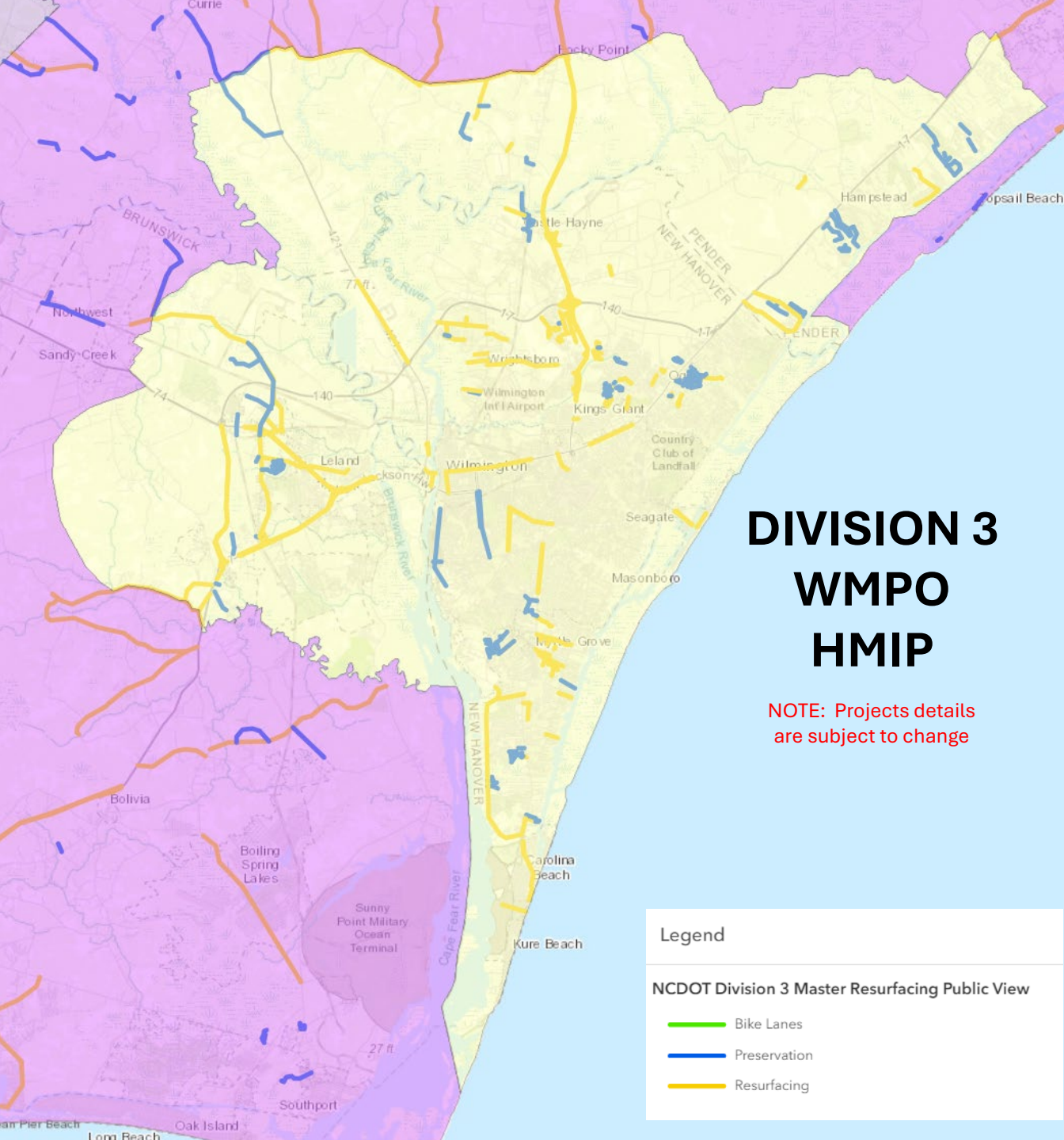
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Update provided:

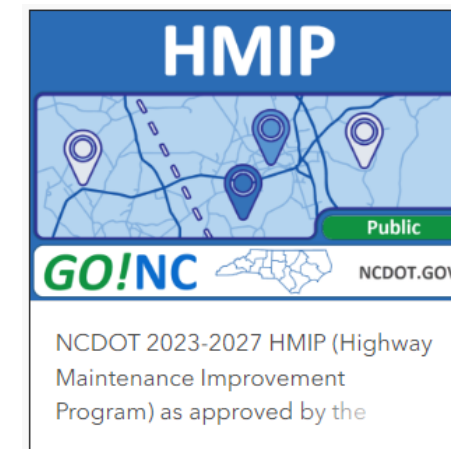
09/27/2024

PO: WMPO

Contact: Michelle Howes, [mnhowes@ncdot.gov](mailto:mnhowes@ncdot.gov), 910.341.2001



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





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

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

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

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

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

October 2024

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

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://drive.nc.gov) | [North Carolina Traffic & Travel Information](https://www.ncdot.gov/north-carolina-traffic-travel-information)
- 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-group)
- NCDOT Interactive Traffic Volume Map—[Interactive Traffic Volume map \(ncdot.gov\)](https://www.ncdot.gov/interactive-traffic-volume-map)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](https://www.ncdot.gov/traffic-safety-data-engineering)
- NCDOT Comprehensive Transportation Plans (CTPs) – [Connect NCDOT - CTPs](https://www.ncdot.gov/connect-ncdot-ctps)

**NCDOT Statewide Plans:**

To learn more, click on the following links:

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

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

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

*Location:*  
1554 MAIL SERVICE CENTER  
RALEIGH, NC 27699



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