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**Wilmington Urban Area Metropolitan Planning Organization
Bicycle and Pedestrian Advisory Committee
Meeting Agenda**

TO: WMPO Bicycle and Pedestrian Advisory Committee Members
FROM: Carolyn Caggia, Associate Transportation Planner
DATE: June 6, 2024
SUBJECT: June 11, 2024, Meeting

A meeting of the WMPO Bicycle and Pedestrian Advisory Committee will take place on Tuesday, June 11, 2024, at 2pm. The meeting will be held at 929 N Front St., Wilmington, 1st Floor, Conference Room #154F with a virtual component. The meeting can be joined at the following link:
<https://us06web.zoom.us/j/83050920255>

The following is the agenda for the meeting:

- 1. Call to Order**
- 2. Approval of the Agenda**
- 3. Public Comment Period**
- 4. Approval of Minutes from April 9, 2024 Meeting**
- 5. New Business**
 - Metropolitan Transportation Plan (MTP) – Modal Policy | *Vanessa Lacer*
 - Trail lighting model policy | *Carolyn Caggia*
- 6. Old Business**
 - Bike Month recap | *Carolyn Caggia*
 - Bike to School Day – May 17th, 2024
- 7. Updates and Announcements**
 - River to Sea (Sept 7, 2024) / Brunswick Heritage Riverside rides (Sept 28, 2024) – call for volunteers will be in July
 - Cape Fear Cyclists I *Al Schroetel*
 - WMPO May Project Updates (in packet)
 - NCDOT Division 3 Updates (in packet)
 - WMPO Board Meeting recognizing Chad Kimes' retirement – June 26, 3pm, 320 Chestnut St., 6th floor
- 8. Next Meeting**
 - Tuesday, August 13, 2024, at 2 pm
- 9. Adjournment**

Attachments:

- Minutes from the April 2024 BPAC Meeting
- WMPO May Project Updates
- NCDOT Division 3 May Project Updates

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Meeting Minutes
Wilmington Urban Area Metropolitan Planning Organization
Bicycle and Pedestrian Advisory Committee
April 9, 2024

Members Present:

Sam Burgess, Cape Fear Cyclists
Carolyn Caggia, WMPO
Brad Cannon, Wave Transit
Nick Cannon, NC Board of Transportation
Adrienne Cox, NCDOT Division 3
Karlene Ellis-Vitalis, New Hanover County
Adrienne Harrington, Town of Belville
Mo Linqvist, Town of Kure Beach
Duncan McCabe, City of Wilmington
Karin Mills, City of Wilmington
Jessica Moberly, Town of Leland
Katie Ryan, Town of Wrightsville Beach
Carol Stein (Chair), Pender County
Steve Whitney, Brunswick County
Steve Zinder, UNCW

Members Absent:

Rodney Kidd, Town of Carolina Beach

Staff and Guests Present

Brianna D'Itri, Wave Transit
Tara Duckworth, New Hanover County
Landin Holland, Town of Navassa
Chris Ingham
Beth King, WMPO
Vanessa Lacer, WMPO
Alayna Moore
Kim Nguyen, NCDOT
Greer Shivers, WMPO

1. **Call to Order**
 - Carol Stein called the meeting to order at 2:01 pm.
2. **Approval of the Agenda**
 - Motion to approve was made by Sam Burgess. Motion was seconded by Duncan McCabe. Motion passed unanimously.
3. **Public Comment Period**
 - There were no public comments.
4. **Approval of minutes from December 2023 Meeting**
 - Motion to approve was made by Duncan McCabe. Motion was seconded by Mo Linquist. Motion passed unanimously.
5. **Presentations**
 - There were no presentations.
6. **New Business**
 - **River to Sea / Brunswick Heritage Riverside Ride Updates and Subcommittees** – Carolyn Caggia provided an update about the dates of the two rides and requested volunteers for a joint subcommittee to assist with planning of the rides. River to Sea will take place on Saturday, September 7, and Brunswick Heritage Riverside Ride will take place on Saturday, September 28. A first meeting of this subcommittee will be held virtually in late May. Volunteers for the subcommittee included Jessica Moberly, Carol Stein, Steve Zinder, Mo Linquist, Karin Mills, Sam Burgess, Adrienne Harrington, and Katie Ryan.
 - **May is National Bike Month** - Carolyn Caggia overviewed how Go Coast and the WMPO are observing Bike Month in May 2024, including Go Coast’s annual bicycle mileage tracking challenge, requesting proclamations, press releases and social media, and the local effort for Bike to School day on May 17 led by the Terry Benjey Bicycling Foundation. Mo Linquist added that there will be a traffic garden held at Carolina Beach Elementary School on May 17th.
 - **Bicycle Friendly Community Update** – Carolyn Caggia shared that the City of Wilmington is working to renew their status as a bronze-level Bicycle Friendly Community. The application is due June 24, 2024, and the WMPO is providing assistance to any jurisdiction that is interested in applying.
7. **Old Business**
 - **CFMB Westbound lane closure update** – Greer Shivers showed NCDOT’s resources for navigating the Cape Fear Memorial Bridge preservation project’s lane closures.
 - **Congestion management efforts by Wave and WMPO** – Carolyn Caggia spoke about ongoing marketing efforts between Wave and the WMPO to promote TDM strategies, including bicycling and walking, during the CFMB lane closures. The effort is possible through additional funding from NCDOT. This effort also funded additional RideMICRO service in Zone 1 which serves northeastern Brunswick County to connect to downtown Wilmington.
 - **WMPO MTP Development** – Vanessa Lacer thanked the BPAC for feedback and help with developing bicycle and pedestrian objectives, and she shared an update about the status of the MPO’s Metropolitan Transportation Plan (MTP). The next steering committee meeting in April would be to adopt objectives for the MTP, then a scoring matrix and modal policy would be developed.
8. **Updates**
 - Brianna D’Itri shared that public participation for Reimagine Wave Transit is ongoing and encouraged members to check the Wave website and promote the survey.
 - Karlene Ellis-Vitalis shared that New Hanover Count is updating its Comprehensive Plan’s Bike/Ped element which is open for public comment on the New Hanover County website.
9. **Next Meeting**
 - Tuesday, June 11, 2pm – Location update to 929 N Front St., Wilmington NC
10. **Adjournment**

Motion to adjourn was made by Steve Zinder. Motion was seconded by Sam Burgess. Motion passed unanimously and the meeting adjourned at 2:36 p.m.

**WILMINGTON URBAN
AREA MPO
May 2024**

CAPE FEAR NAVIGATING CHANGE 2050

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.

Project Status and Next Steps:

- Beginning in June 2023, a Citizen Advisory Committee (CAC), to guide public outreach was convened. The CAC met during phase 1 of public outreach and will be convened next in June of 2025 during phase 2 of public outreach to review the draft plan.
- Beginning in July 2023, a MTP Technical Steering Committee (MTPC), tasked with guiding plan development, was convened. The MTP Technical Steering Committee will continue to meet through August 2024 and will be reconvened in June 2025 to review the draft plan.
- In April 2024, the MTP Technical Steering Committee (MTPC) adopted a vision and goals for Cape Fear Navigating Change 2050.
- In May 2024, the MTP Technical Steering Committee (MTPC) will be engaged in discussions on project funding as well as the development of modal performance metrics and scoring matrices through which projects will be scored for inclusion in the MTP.

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 next steering committee meeting is scheduled for May 8, 2024.
- The second public outreach sessions will take place in late spring 2024.
- Draft study report anticipated in summer 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:
 - Navassa Community Center – Thursday March 14
 - Easter Egg Hunt at Belville Riverwalk Park – Sunday, March 24
 - Leland Town Hall – Tuesday, March 26
- A third and final steering committee meeting is scheduled for mid-June 2024. The steering committee is currently reviewing the identified preferred alignment.
- Final study report anticipated in late spring/early summer 2024.

SITE DEVELOPMENT REVIEW

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

- New Hanover County Formal Plan Reviews: 14 reviews

- New Hanover County Informal Plan Reviews: 1 review
- New Hanover Concept Reviews: 0 review
- Town of Leland Concept Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 2 reviews
- Town of Leland Informal Reviews: 3 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: 9 reviews
- Pender County Informal Reviews: 2 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 61 reviews (4 new, 43 on-going)
- City of Wilmington Informal Reviews: 22 reviews (17 new, 5 on-going)
- City of Wilmington Concept Reviews: 1 review (1 new, 0 on-going)
- City of Wilmington Full Releases: 3

TIA Reviews: 29 total active (3 new; 26 under review; 3 approved)

- New Hanover County 6 (0 new, 6 under review, 1 approved),
- City of Wilmington 9 (0 new, 9 under review, 0 approved, 0 waiver),
- Carolina Beach 1, (1 new, 0 under review, 0 approved),
- Town of Belville 0,
- Town of Leland 3 (1 new, 2 under review, 0 approved),
- Town of Navassa 1, (0 new, 1 under review, 0 approved),
- Pender County 7 (1 new, 6 under review, 2 approved) and
- Brunswick County 2 (0 new, 2 under review, 0 approved)

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

U - 5527C 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:

- Right of way acquisition is complete and was sent to NCDOT for ROW certification.
- Right of way certification received.
- Design and ROW complete and awaiting construction once MSL portion is complete.

- Construction bidding anticipated in Summer 2024
- Complete and ready for bidding, just awaiting Middle Sound connection completion, will bid as one project

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
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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
- Advertise for Bid – Spring 2024
- Begin Construction – Late Summer 2024
- Construction Complete – Spring 2025

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

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

Project Status and Next Steps:

- Construction commenced February 8, 2021

- Final Payment was sent on August 22, 2023
- NCDOT received payment and processed Final Invoices from the Town
- Town is closing out Project Accounts June Town Council
- Project completion extended to June 30, 2024

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

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

Project Status and Next Steps:

- Construction commenced February 8, 2021
- Final Payment was sent on August 22, 2023
- NCDOT received payment and processed Final Invoices from the Town
- Town is closing out Project Accounts June Town Council
- Project completion extended to June 30, 2024

U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK

Project Descriptions/Scope: The construction of 5-foot-wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

Project Status and Next Steps:

- Construction commenced February 8, 2021
- Final Payment was sent on August 22, 2023
- NCDOT received payment and processed Final Invoices from the Town
- Town is closing out Project Accounts June Town Council
- Project completion extended to June 30, 2024

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:

- Received Construction Authorization from NCDOT and Notice to Proceed (NTP) from NCDOT (U-5534Q & EB-6028) on February 8, 2023
- Advertise U-5534Q and EB-6028 on March 8, 2023
- Pre-Bid Meeting on March 21, 2023
- Bid Opening (LET) on April 13, 2023

- One (1) bid submitted and rejected (May 16, 2023 Council Meeting) due to Over/Under difference with Engineer's Cost Estimate.
- Re-advertise w/ EB-6028 on May 18th
- Bid Opening (LET) on June 8, 2023
- One (1) bid submitted and rejected due to excessive cost(s)
- Revised bid schedule set for September 6th
- Two (2) bids received on September 6th, the city and NCDOT agreed to proceed.
- An Ordinance and resolution for award of construction contract was approved at the November 8th City Council meeting.
- The PRE-CON_CONCURRENCE REQUEST – CONSTRUCTION was submitted into NCDOT EBS System and approved by NCDOT.
- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- They are presently working through the contract documentation requirements.
- Once completed, a Pre-Construction meeting will be held accordingly.
- The PS_CEI COST spreadsheet was submitted into NCDOT EBS System and waiting approval from NCDOT. Received Approval from NCDOT on 1/22/24.
- NCDOT requested a Draft of Contract for their approval to proceed. (Draft was submitted on 1/30/24 into EBS System)
- NCDOT approved Draft Contract and Final Contract Documents.
- They also approved Project Submittal Documents.
- 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.
- Mobilization has taken place; Lay Down Area was established with the Wilmington Lodge on S. College Rd.
- Erosion Control Has been Installed and Materials ordered accordingly.

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

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

Project Status and Next Steps:

- Right Angle provided the 90% plans
- 90% plans and contract documents have been submitted to NCDOT
- CE Document has been approved
- Right-of-way authorization approved
- The consultant is proceeding with the right-of-way acquisition.
- Proposed property valuations have been submitted and have been approved by NCDOT.
- Letters to property owners have been mailed to initiate the acquisition process.
- Construction fund authorization request will occur next federal fiscal year

- The Town has acquired and recorded 1 of the 3 necessary easements.
- Negotiations are underway for the other easements.

U-6235 – CITY OF WILMINGTON/NEW HANOVER COUNTY – SIGNAL PRE-EMPTION PHASE 2

Project Description/Scope: The project will install traffic pre-emption equipment at 50 locations throughout the City of Wilmington and New Hanover County and GPS equipment on emergency response vehicles.

Project Status and Next Steps:

- Design contract approved May 5, 2021, by City Council and execution is complete.
- Design kick-off meeting held July 23, 2021, with Wilmington Fire Department, Traffic Engineering and Davenport Staff.
- The project is currently estimated over budget and City staff has begun process of requesting additional funding through WMPO.
- City has requested a 2-year extension from NCDOT to allow for request for funds, 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

- The Town signed a supplemental agreement April 17, document is back to NCDOT for signatures.
- The Town, with Kimley Horn, held a public meeting April 23.

TASA-DA/CRRSAA/STIP

BL-0045 – DOWNTOWN GREENWAY PH. 1 DESIGN

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

Project Status and Next Steps:

- Agreement executed by NCDOT on April 20, 2022
- City selected an on-call engineering consultant (WSP) to perform design and engineering. A scope and fee were agreed upon and approved by NCDOT.
- Award of contract 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.
- NCDOT Rail Division is contracting with WSP on the preliminary concept design for rail track layout to determine final alignment of the Downtown Trail facility.
- NCDOT Rail Division Staff, City of Wilmington, and WMPO staff met with Cape Fear Community College President Jim Morton on July 24th to discuss both the Rail Division and City's efforts coordinating future passenger rail track and trail layout in the project corridor.
- Agreement reached with CSX regarding the trail crossing design and safety measures at King Street.
- CSX has indicated that a crossing of its active corridor outside of the King Street right-of-way will not be permitted. The City is currently evaluating alternative alignment options for the trail to connect to King Street from the NHC School property via Hall and 11th Streets.
- 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.
- Restart of design efforts underway in February and March 2024.
- Meeting with emergency services representatives to discuss alternatives for the ADA access ramp relocation within the gulch corridor.
- Request to CSX for additional discussion regarding an allowance for the trail corridor to cross ROW north of 11th Street to minimize utility and tree impacts anticipated from new alignment on Hall and 11th Streets.

- Draft scope addendum and fee for additional design services resulting from NCDOT Rail's conceptual track and trail layout submitted by WSP to City for review and comment.
- Meeting with CSX to request reconsideration of the trail to cross ROW north of 11th and King Streets due to significant constraints, utility conflicts, and costs, was held on April 19, 2024. CSX requested additional information regarding the challenges faced by the remaining alignment option to review internally.
- Draft MOU between NCDOT Rail and City of Wilmington pertaining to the future trail section within Wilmington Lead Corridor has been drafted by NCDOT and is under review by City Staff.

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

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

Project Status and Next Steps:

- Agreement finalized and adopted September 2022
- Request for PE Authorization in October 2022
- Request for Letters of Interest to be sent in December 2022
- Four (4) proposals reviewed in January 2023
- PE firm selection February 2023
- 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
- 60% plans are currently under review.

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
- NCDOT/Town of Leland has selected Exult Engineering to design the project
- 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
- Natural Resources Technical Report (NRTR)/Environmental Document is in progress
- Redline Drainage Plans approved by NCDOT on April 22, 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
- Start of construction May 2024

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
- Start of construction May 2024

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

- Comments received from CFPUA indicate conflicts with utilities that require design adjustments (Continue to negotiate with CFPUA on solutions to conflicts)
- NCDOT issued notice of Construction Authorization on April 12, 2022.
- Level A SUEs completed
- Right of way acquisition is complete and was sent to NCDOT for ROW certification
- Right of Way Certification received
- NCDOT reviewing encroachment agreement
- Construction bidding anticipated in Summer 2024

EB-6028 —CITY OF WILMINGTON- 21ST STREET/MARKET HAWK SIGNAL

Project Description: Design and construction of a HAWK signal at the pedestrian crossing at Market Street and 21st Street

Project Status and Next Steps:

- NCDOT has approved the 100% project plans
- Received Construction Authorization from NCDOT and NTP from NCDOT (U-5534Q & EB-6028) on February 8, 2023
- Advertise U-5534Q and EB-6028 on March 8, 2023
- Pre-Bid Meeting on March 21, 2023
- Bid Opening (LET) on April 13, 2023
- One (1) bid submitted and rejected (May 16, 2023 Council Meeting) due to Over/Under difference with Engineer's Cost Estimate.
- Bid opening held April 13, 2023
- One (1) bid submitted and rejected due to excessive cost(s)
- Revised bid schedule set for September 6th
- Two (2) bids received on September 6th, the city and NCDOT agreed to proceed.
- An Ordinance and resolution for award of construction contract was approved at the November 8th City Council meeting.
- The PRE-CON_CONCURRENCE REQUEST – CONSTRUCTION was submitted into NCDOT EBS System and approved by NCDOT.
- The project was awarded to the low bidder; Morgan Trucking and General Construction Inc.
- They are presently working through the contract documentation requirements.
- Once completed, a Pre-Construction meeting will be held accordingly.
- The PS_ CEI COST spreadsheet was submitted into NCDOT EBS System and waiting approval from NCDOT. Received Approval from NCDOT on 1/22/24.

- NCDOT requested a Draft of Contract for their approval to proceed. (Draft was submitted on 1/30/24 into EBS System)
- NCDOT approved Draft Contract and Final Contract Documents.
- They also approved Project Submittal Documents.
- 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.

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

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

Project Status and Next Steps:

- Project closed out in April.
- Final invoices and NCDOT administrative fees paid.

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 RFQ was issued in March for Forden Station designs to improve Customer Service Representative safety in the facility. A firm was selected to design those improvements in April.

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 Go Coast committee meeting will occur on May 16, 2024, at 3 PM. This will serve as a kickoff meeting for developing the latest update to the short-range TDM plan, Cape Fear Change In Motion 2020.
2. TDM strategies during the Cape Fear Memorial Bridge Preservation Project – To support the community during upcoming bridge lane closures, WMPO staff has pursued a two-prong approach to area employers as well as WMPO member jurisdictions and the public. For employer outreach, staff have created a Commuter Friendly Employer toolkit which contains information on TDM strategies and how employers can support their usage. Staff have met with employers in New Hanover and Brunswick counties and employers on the Go Coast committee have been briefed as well. Additionally, staff has contacted all WMPO member jurisdictions to discuss a communications toolkit for promoting TDM strategies to area residents.

The WMPO has partnered with Wave Transit on a project with support from NCDOT to expand RideMICRO services in Zone 1 (serving Brunswick County) and promote transportation demand management to mitigate traffic congestion. NCDOT has agreed to fund \$500,000 in congestion mitigation efforts during eastbound and westbound lane closures. An additional vehicle has been added to RideMICRO Zone 1 to expand service and hours, and WMPO and Wave staff are working on marketing efforts to promote this service in addition to TDM strategies. Promotions are being posted via billboards, social media and Google advertising, and advertising with local media partners including WECT, Port City Daily, WHQR, and The Penguin radio. Wave and WMPO staff are

continuing to monitor traffic impacts to implement strategies that are both helpful and fiscally responsible.

3. 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 during the WMPO’s 2024 outreach.

WMPO MAY PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Brian Harding	DDRL	U-6202	SR 2048 (GORDON ROAD) FROM US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	NEW HANOVER	2024.07.16
Trace Howell	DDRL	R-3300A	US 17 HAMPSTEAD BYPASS FROM US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210	NEW HANOVER, PENDER	2025.07.15
Derek Pielech	DPOC	BP3-R004	REPLACE BRUNSWICK BRIDGE 181 OVER STURGEON CREEK ON SR 1437 (OLD FAYETTEVILLE ROAD) (PREVIOUSLY 17BP.3.R.84).	BRUNSWICK	2025.09.18*
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
Trace Howell	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
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	2027.06.15
Zach Howard	DPOC	U-5954	NC 133 (CASTLE HAYNE ROAD) AT NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	NEW HANOVER	2027.06.15
Derek Pielech	DPOC	BP3-R012 17BP.3.R.93	BRIDGE 208 OVER STURGEON CREEK ON SR 1472 (VILLAGE ROAD).	BRUNSWICK	2027.07.03
Derek Pielech	DPOC	BR-0008	BRIDGE PRESERVATION. BRIDGE 7 ON US 17 OVER US 76. THIS IS PART OF THE INTERCHANGE WEST OF THE CFMB.	BRUNSWICK	2027.09.21
Derek Pielech	DPOC	B-5653	PENDER BRIDGE 14 ON NC 133 OVER TURKEY CREEK.	PENDER	2028.01.20
Eric Murray	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
Krista Kimmel	DDRL	U-3338C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MARTIN LUTHER KING JR PARKWAY).	NEW HANOVER	2028.06.20

WMPO MAY PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
Krista Kimmel	DDRL	U-5792	US 117 / NC 132 (COLLEGE ROAD) FROM US 17 BUSINESS (MARKET STREET) TO SR 2048 (GORDON ROAD). UPGRADE ROADWAY.	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 CONSTRUCT 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
Krista Kimmel	DDRL	U-4902C	US 17 BUSINESS (MARKET STREET) FROM NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD & INTERCHANGE.	NEW HANOVER	2029.08.21
Raleigh	DDRL	U-6199	VARIOUS, WILMINGTON CITYWIDE SIGNAL SYSTEM.	NEW HANOVER	2030.01.15
Krista Kimmel	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
Krista Kimmel	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. CONVERT TO SUPERSTREET.	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
Trace Howell	DDRL	U-5881	NC 132 (COLLEGE ROAD) FROM SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	NEW HANOVER	2031.05.20
Krista Kimmel	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

WMPO MAY PROJECTS IN DEVELOPMENT

Project Manager	Contract Type	TIP	Description	County	*SAP Let Date (year.month.date)
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: 05/03/2024

PO: WMPO

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

WMPO APRIL PROJECTS UNDER CONSTRUCTION

Contract Number	Resident Eng	TIP/WBS /Program	County	Description	*Estimated Completion (year.month.date)	Percent Complete
C204319	Joshua Pratt	U-4902D	New Hanover	SUPERSTREET MEDIAN ON MARKET STREET (US 17 BUS) FROM MARSH OAKS DRIVE TO LENDIRE DRIVE.	2024.11.15	67.74%
C203980	Joshua Pratt	U-4751	New Hanover	MILITARY CUTOFF ROAD EXTENSION FROM MARKET STREET TO THE WILMINGTON BYPASS WITH AN INTERCHANGE AT THE BYPASS.	2024.06.30	96.50%
DC00439	Joshua Pratt	U-5914	Brunswick	NC 133 IN BELVILLE FROM SR 1551 (BLACKWELL ROAD) TO SR 1554 (OLD RIVER ROAD).	2024.07.06	63.03%
C204747	Joshua Pratt	U-5710A	New Hanover	DRYSDALE DRIVE EXTENSION FROM MILITARY CUTOFF ROAD AT DRYSDALE TO US 74.	2025.03.04	64.51%
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	43.32%
C204902	Joshua Pratt	15BPR.102	New Hanover	CAPE FEAR MEMORIAL BRIDGE REHABILITATION	2024.06.28	56.54%
C204331	Joshua Pratt		New Hanover	BANKS CHANNEL BRIDGE PRESERVATION	2024.05.31	83.66%

*Dates are subject to change.

WMPO MAY RESURFACING PROJECTS

Contract Number	Contract Year	County	Routes	*Estimated Completion (year.month.date)	Percent Complete
C204720	2024	PENDER	I-40 FROM WEST OF US-117 (MM-388) TO NC-210 (MM-408).	2024.06.01	70.00%
DC00425	2023	BRUNSWICK, NEW HANOVER, PENDER	ADA VARIOUS SECONDARY - DIVISION 3 WIDE.	2024.06.30	85.00%
DC00426	2023	NEW HANOVER	RESURFACING AND PAVING PRESERVATION.	2024.04.24	91.08%
C204833	2024	NEW HANOVER, PENDER	I-40 RESURFACING FROM MM-420 TO MM-408 AT NC-210.	2025.09.15	14.54%
DC00445	2024	BRUNSWICK	VAROUS ROUTES.	2025.05.16	57.44%
DC00437	2024	NEW HANOVER	RESURFACING VARIOUS ROUTES.	2025.05.16	0.00%
C204866	2024	BRUNSWICK	I-140 RESURFACING FROM US-17 TO NORTH OF US-74.	2025.06.15	0.00%
DC00431	2024	BRUNSWICK	NC 130 & VARIOUS ROUTES.	2024.05.31	0.00%

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

<https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=441c2ce81ebf42faa77f3e47f5e6a97e>

Update provided:

05/03/2024

PO: WMPO

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