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## WMPO Bicycle and Pedestrian Advisory Committee Meeting Agenda

**TO:** WMPO Bicycle and Pedestrian Advisory Committee Members  
**FROM:** Abby Lorenzo, Senior Transportation Planner  
**DATE:** August 7<sup>th</sup>, 2020  
**SUBJECT:** August 11<sup>th</sup>, 2020 Meeting

A meeting of the WMPO Bicycle and Pedestrian Advisory Committee will take place on Tuesday, August 11<sup>th</sup>, 2020 at 2pm. The meeting will be held virtually via Zoom. The meeting can be joined at the following link:

<https://zoom.us/j/96161376472?pwd=aG5TcGlkTUxUT2VhR0NZSEd5SUt4dz09>

Meeting ID: 961 6137 6472

Password: 764701

One tap mobile

+16465588656,,96161376472#,,,,0#,,764701# US (New York)

+13017158592,,96161376472#,,,,0#,,764701# US (Germantown)

- Call to Order
- Approval of the Agenda
- Public Comment Period
- Approval of minutes from June 9<sup>th</sup>, 2020
- Presentations
  - ECG Presentation – Sarah Sanford
- Old Business
  - Bicycle and Pedestrian database update
  - 31<sup>st</sup> Annual River to Sea Bike Ride
- New Business
  - Commuter Challenge 2020
- Updates and Announcements
  - Cape Fear Moving Forward 2045 MTP
  - Cape Fear Cyclists Update
  - WMPO July Project Updates
  - WMPO Technical Coordinating Committee, Wednesday, September 16<sup>th</sup>, 2020 at 10am
  - WMPO Board Meeting, Wednesday, September 30<sup>th</sup>, 2020 at 3pm
- Next Meeting
  - Tuesday, October 13<sup>th</sup>, 2020 at 2PM

Wilmington Urban Area Metropolitan Planning Organization

- 
- Adjournment

**Attachments:**

- Minutes from the June 9<sup>th</sup>, 2019 BPAC Meeting
- WMPO July Project Updates

Meeting Minutes  
Wilmington Urban Area Metropolitan Planning Organization  
Bicycle and Pedestrian Advisory Committee  
Date: June 9<sup>th</sup>, 2020

**Members Present:**

Carol Stein, Pender County  
Steve Whitney, Brunswick County  
Al Schroetel, Cape Fear Cyclists  
Mo Linqvist, Town of Kure Beach  
Barnes Sutton, Town of Navassa  
Joe Boyd, Town of Belville  
Patrick Boykin, Town of Carolina Beach  
Katie Ryan, Town of Wrightsville Beach  
Karin Mills, NC Board of Transportation  
Carly Wilson, New Hanover County  
Duncan McCabe, City of Wilmington

**Staff and Guests Present:**

Abigail Lorenzo, WMPO  
Zachary Manfredi, WMPO  
Rachel McIntyre, WMPO  
Luke Foreman, WMPO  
Kathryn Zeringue, NCDOT  
Sam Shore, Pender County Planning  
Sam Spicer, Cape Fear Cyclists

**1. Call to order**

- C. Stein called the meeting to order.

**2. Approval of the agenda**

- Motion to approve by A. Schroetel, second by S. Whitney Approved.

**3. Public Comment Period**

- There was no sign-ins for the public comment period.

**4. Approval of minutes from February 11<sup>th</sup>, 2020**

- Motion to approve by S. Whitney, second by P. Boykin Approved.

**5. Presentation**

- K. Zeringue presented on the NC Great State Trails Plan, this is a statewide plan that connects all counties by non-motorized modes.
- NCDOT is still collecting public feedback for the plan and is expected to be completed in 2020
- A. Schroetel stated that he would provide the survey to Cape Fear Cyclists
- Z. Manfredi asked if the relations hip with ECG and the State parks was addressed in the plan, K. Zeringue stated that it was mostly infrastructure based.

- S. Whitney noted that the plan included the proposed Cape Fear Crossing, and K. Zeringue noted that that was in the regional plan, A. Lorenzo showed support for the inclusion of the crossing.
- Z. Manfredi presented on the results of Bike Month. There were 108 participants, 342 trips, and 5587 miles ridden.
- S. Whitney asked about a comparison of the numbers last year, and Z. Manfredi stated they would provide a comparison.
- D. McCabe noted that a lot of the cyclists aren't wearing helmets and it would be a good opportunity to promote safety.

## **6. Old Business**

## **7. New Business**

- B. Sutton shared the Resolution of Support for the Town of Navassa Bicycle and Pedestrian Planning Grant Application
- A. Schroetel stated that the Cape Fear Cyclists can write a letter of support for the grant.
- Motion to approve by M. Linquist, second by D. McCabe Approved by all
- A. Lorenzo presented on the Bicycle and Pedestrian Database Recon Assignment
- L. Foreman shared the GIS map used for the data collection
- Many commented on the quality of the map and usefulness
- Once the recon is completed the group will reconvene to discuss the results

## **8. Updates and Announcements**

- The 31<sup>st</sup> Annual River to Sea Bike Ride is tentatively scheduled for September 26<sup>th</sup>, 2020
- A. Lorenzo presented on the results of the League of American Bicyclist designation
- Z. Manfredi presented on the state of the Bike Share RFP. There was only one response that would be of cost to the city and will be brought to council, where further guidance will be provided.
- D. McCabe asked about the cost of the program, and it was stated that it will be looked into.
- Watch For Me NC is prepared by GO COAST. They are partnering with the WPD, WFD, NHRMC, and Wilmington Engineering. The focus is on safety and enforcement of helmet laws and crosswalk laws.
- A. Schroetel updated the group on Cape Fear Cyclists and noted that all group rides have been cancelled. CFC is also producing safety videos and has ordered helmets
- NCDOT Project Updates are provided in the packet
- Abby presented on the status of NCDOT projects in the WMPO, noting that some are still continuing and others aren't and that NCDOT is trying to get back to its cash floor
- WMPO Technical Coordinating Committee, Wednesday, June 10<sup>th</sup>, 2020 at 10am
- WMPO Board Meeting, Wednesday, June 24<sup>th</sup>, 2020 at 3pm

## **9. Next Meeting**

- C. Stein announced that the next meeting will be held on August 11<sup>th</sup>, 2020 at 2pm.

## **10. Adjournment**

- D. McCabe made a motion to adjourn, seconded by A. Schroetel, and all were in favor.

\*The above minutes are not a verbatim record of the proceedings. The entire proceedings are recorded on a compact disk as part of this record.

**WILMINGTON URBAN AREA  
MPO  
July 2020**

**2045 METROPOLITAN TRANSPORTATION PLAN**

**Project Description/Scope:** The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3, 2018 and July 31, 2018. During this period, there were 2,287 transportation survey responses, 563 comments on the public input map tool, and 4,554 votes on map comments, totaling 7,404 responses collected. In July 2018, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives, which were completed in October 2018 and officially adopted by the Board in November 2018. The Modal Subcommittees have completed scoring criteria, evaluation of projects and development of the draft policies. The CAC, TCC and Board received the financial forecasts and potential alternative funding sources in March 2019. The consultant completed the project cost estimates and alternative funding forecasts in June 2019. A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting and adopted a resolution endorsing the amended draft project lists in September 2019. In November 2019 the Board passed a resolution to include the estimated toll revenues for the Cape Fear Crossing project within the fiscally constrained projects list as a supported alternative form of funding. The draft plan was released for a 30-day public comment period on February 26th, 2020 and five regional open houses were scheduled throughout the region. Due to the onset of restrictions caused by COVID-19, only two of the five in-person open houses were held and the public comment period was extended through May 15th, 2020. Additionally, WMPO staff held three virtual open houses July 6th, 7th, and 8th, 2020.

**Next Steps:**

- Revisions to draft plan based on public comments and approval by WMPO Board in Summer 2020
- Presentation of plan to WMPO members in September 2020
- Adoption of final plan in October 2020

**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 Development Plan Reviews: 4 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: 0 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Development Plan Reviews: 1 review
- Town of Navassa Formal Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews

- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 9 total (1 new, 8 on-going) New Hanover County 3, City of Wilmington 3, Carolina Beach 0, Leland 1m Navassa 0, Pender County 2, and Brunswick County 0
- Pender County Development Plan Reviews: 0 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 66 reviews (6 new, 60 on-going)
- City of Wilmington Informal Reviews: 17 reviews (2 new, 15 on-going)
- City of Wilmington Concept Reviews: 4 reviews (2 new, 2 on-going)
- COW Project Releases: 12 Full releases

**STBGP-DA/TASA-DA FY 2013 to Present STBGP-DA**

**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:**

- Complete review of final design package and submit to NCDOT for review– Summer 2020
- NCDOT final design approval and City to request Construction Funds Authorization – Fall 2020
- Begin Construction – Early 2021

**U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP**

**Project Descriptions/Scope:** This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

**Project Status and Next Steps:**

- On April 15th, Ron Vancleef reported that Division Maintenance Engineer verified that 100% of the funds for the resurfacing project were available
- Construction authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date – July 9, 2020
- One bid received – Returned to bidder

**U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II**

**Project Descriptions/Scope:** This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue. The right of way certification was received November 2, 2016.

**Project Status and Next Steps:**

- Plans approved August 20, 2019

- Specification comments received September 24, 2019;
- NCDOT approved final bid proposal on 12/23/19; Utility/RR certification submitted and construction authorization requested on February 26, 2020
- Begin Construction – Summer 2020
- Complete Construction – Fall 2020

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

**Project Descriptions/Scope:** The project consist of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

##### **Project Status and Next Steps:**

- Complete final design package and submit to NCDOT for review– Summer 2020
- Update/renew permits – Summer 2020
- NCDOT final design approval – Summer 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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

**Project Descriptions/Scope:** This project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

##### **Project Status and Next Steps:**

- Complete final design package and submit to NCDOT for review– Summer 2020
- Update/renew permits – Summer 2020
- NCDOT final design approval – Summer 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

#### **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 authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date – July 9, 2020
- Engineer to review combination I,J,K bids

#### **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 authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date – July 9, 2020
- Engineer to review combination I,J,K bids

**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 authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date – July 9, 2020
- Engineer to review combination I,J,K bids

**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 has been put on hold until NCDOT’s College Road resurfacing project occurs. NCDOT has reduced the scope of the milling and resurfacing, this puts the shallow drainage back on this project.
- If an alternative design is agreed upon that does not significantly affect the original scope of the project, the design process will be restarted. City staff needs to evaluate the drainage features in front of the Krispy Kreme to determine if alternative drainage that allows the removal of the pipe that is shallow)
- The City needs to have a discussion from the 4SW200 committee/MPO about additional funding to include drainage revision in the project.
- Additional resources will be required, both in design and redefinition of scope.

**U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS**

**Project Descriptions/Scope:** The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

**Project Status and Next Steps:**

- Project is ready for bidding and construction. Plans and PCE have been approved. The contract documents have been approved.
- Additional funding was approved by the MPO Board in May 2020
- Anticipated bidding and construction to follow by late summer.

**U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION**

**Project Description/Scope:** This project will install traffic pre-emption equipment at 27

locations throughout the City of Wilmington and GPS devices on fire apparatus.

**Project Status and Next Steps:**

- Construction is complete
- Administrative and financial closeout in progress

**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:**

- 30% Plans comments received from NCDOT on January 31, 2020; 65% plans provided to Town and are under review for submittal to NCDOT.
- Project design and construction documents are moving forward; however, right-of-Way funding request is on hold due to NCDOT budget shortfall.
- Construction Funding is anticipated in FY2021

**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:**

- The agreements have been executed
- The Town has selected Withers & Ravenel as the engineer
- An Addendum has been issued for a 6-month extension on the let date.
- Project design is on hold due to NCDOT budget shortfall.

**U-6234 MULTI-MODAL PHASE 1 B**

**Project Description/Scope:** Rehabilitation of the historic structure located at 525 N 4th Street for a transportation purpose

**Project Status and Next Steps:**

- Negotiating scope and fee with the selected firm
- NCDOT has approved the consultant's fee
- City Council will consider agreement with HDR in July

**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:**

- U-6235 agreement between NCDOT and City of Wilmington executed March 2020.
- Cost sharing agreements with New Hanover County started June 2019 and completed March 2020.
- NCDOT Authorization for Preliminary Engineering received March 2020.
- Project goals reviewed with NCDOT Division 3.
- Design Proposal received May 2020.

**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:**

- TIP number has been entered. Town to upload information in EBS to request agreement.

**TASA-DA****U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES**

**Project Descriptions/Scope:** This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

**Project Status and Next Steps:**

- 5th Dawson/Wooster project has been constructed as of June 26, 2020.
- Project punch-list walk through will be on July 7th, 2020 with contractor, NCDOT representative and City staff.
- Next step after the walk through, will be the M&T audit for compliance of the federal guidelines of the NCDOT construction manual.

**U-5527C NEW HANOVER COUNTY – MIDDLE SOUND GREENWAY – EXTENSION TO MIDDLE SOUND VILLAGE**

**Project Descriptions/Scope:** This project is for the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village property line.

**Project Status and Next Steps:**

- Bids opened May 16, 2020; low bid info sent to DOT
- Awaiting approval to proceed with project as bid- project on hold
- Project Completion is 90 days after NTP

**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:**

- The agreements have been executed
- The Town has selected Withers & Ravenel as the engineer
- An Addendum has been issued for a 6-month extension on the let date.
- Project design is on hold due to NCDOT budget shortfall.

**EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY**

**Project Description:** Design only of the Middle Sound Greenway connection to Ogden Park

**Project Status and Next Steps:**

- Survey complete
- Received email from Ron VanCleaf on 5/13/20 stating that there were no comments concerning the 25% plans.

- MPO Board approved a reduction in the scope of the project at their May meeting, staff is working on a negative supplement for approval
- Hydraulic Unit began storm drainage design on 6/15/20
- Preliminary alignment established and cross sections being developed
- 75% plans should be ready for EB 6027 by the end of July.

**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:**

- Pre-Design scoping meeting with Davenport Engineering and NCDOT Division Personnel occurred on 2/20.
- Scope of design defined, but this scope was much larger than initially anticipated. Adjustment to PE Authorization will be needed.
- NCDOT Manday estimate for issuance of task order approved on 6/24/2020
- The project will be placed on indefinite hold until such time as NCDOT addresses the Cash Balance issue. All projects have been asked to get to a stopping place due to NCDOT’s inability to pay for work.
- Survey and Design for NCDOT review.

**EB-6029 – TOWN OF CAROLINA BEACH – CLARENDON AVENUE MULTI-USE PATH**

**Project Description:** Construction of the Clarendon Avenue multi-use path from 4th Street to Dow Road

**Project Status and Next Steps:**

- The Town is evaluating the scope for the project.

**TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

**Project Description/Scope:** UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that funded a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The TDM program works to increase active transportation initiatives and increase community knowledge of commuter options. The MPO finalized the Strategic Marketing Plan for the “Go Coast” program. In addition, the WMPO has been working with the City of Wilmington to implement a bike share program. The TDM program has continued to grow and progress and below are project status and next steps.

**Project Status and Next**

**Steps: Initiatives**

1. Bike Share
  - a. Developing analysis for bike share programs in the region. Specifically how other municipalities fund bike share programs.
2. Social Media
  - a. Posting at least twice per week on WMPO Facebook, Twitter, and Instagram and Go Coast Instagram
3. Watch For Me NC

- a. Wilmington will partner with NCDOT for 2020 Watch For Me NC bicycle and pedestrian safety program. Watch for Me NC task force comprised of WPD, WFD, Go Coast, Wilmington Engineering, and NHRMC are convening monthly
4. Wilmington was designated a Bronze Level Bicycle Friendly Community by the League of American Bicyclists in April 2020
- a. LAB to provide feedback about how to become more bicycle friendly. Feedback to be received TBD
5. Short Range TDM Plan
- a. Plan currently being reviewed by the Go Coast Committee. TCC and Board to receive draft in Fall of 2020
7. Applying for CASSI Autonomic Vehicle three month grant for Carolina Beach and Downtown Wilmington. Application deadline has been extended to July 31, 2020.