



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

## **WMPO Bicycle and Pedestrian Advisory Committee Meeting Agenda**

**TO:** WMPO Bicycle and Pedestrian Advisory Committee Members  
**FROM:** Abby Lorenzo, Deputy Director  
**DATE:** June 4<sup>th</sup>, 2021  
**SUBJECT:** June 8<sup>th</sup>, 2021 Meeting

---

A meeting of the WMPO Bicycle and Pedestrian Advisory Committee will take place on Tuesday, June 8<sup>th</sup>, 2021 at 2pm. The meeting will be held virtually via Zoom. The meeting can be joined at the following link:

Join Zoom Meeting: <https://zoom.us/j/98271690382>

Meeting ID: 982 7169 0382

One tap mobile

+16465588656,,98271690382# US (New York)

+13017158592,,98271690382# US (Washington DC)

- 1. Call to Order**
- 2. Approval of the Agenda**
- 3. Public Comment Period**
- 4. Approval of minutes from April 13<sup>th</sup>, 2021**
- 5. Presentations**
  - Bike to Work Month 2021 (Nick Cannon)
- 6. Old Business**
  - \*Draft\* Bicycle and Pedestrian Infrastructure Requirements Model Ordinance (Zach Manfredi)
  - \*Draft\* Bike Suitability Map Segment (Nick Cannon)
  - 2021 Northern Brunswick County Bike Ride Subcommittee (Nick Cannon)
- 7. New Business**
- 8. Updates and Announcements**
  - Go Coast Commuter Challenge 2021 Subcommittee
  - 2021 River to Sea Bike Ride
  - Go Coast Update
  - Bicycle and Pedestrian Legislation Update

---

Wilmington Urban Area Metropolitan Planning Organization

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

- 
- Cape Fear Cyclists Update
  - WMPO May Project Updates (in packet)
  - NCDOT Division 3 May Project Updates (in packet)
  - WMPO Technical Coordinating Committee, Wednesday, June 16<sup>th</sup>, 2021 at 10am
  - WMPO Board Meeting, Wednesday, June 30<sup>th</sup>, 2021 at 3pm
  - Go Coast Committee, Thursday, August 20<sup>th</sup>, at 3pm
9. **Next Meeting**
- Tuesday, August 10<sup>th</sup>, 2021 at 2PM
10. **Adjournment**

**Attachments:**

- Minutes from the April 13<sup>th</sup>, 2020 BPAC Meeting
- \*Draft\* Bicycle and Pedestrian Infrastructure Ordinance
- NCDOT Division 3 Project Updates
- WMPO May Project Updates
- Bike Month 2021 Results
- Current committee roster

**Meeting Minutes**  
**Wilmington Urban Area Metropolitan Planning Organization**  
**Bicycle and Pedestrian Advisory Committee**  
**April 13, 2021**

**Members Present:**

Steve Whitney, Brunswick County  
Vanessa Lacer, Wave Transit  
Duncan McCabe, City of Wilmington  
Steven Zinder, Board of Transportation  
Carol Stein, Pender County  
Joe Boyd, Town of Belville  
Patrick Boykin, Town of Carolina Beach  
Mo Linqvist, Town of Kure Beach  
Ann Carbone, Town of Leland  
Barnes Sutton, Town of Navassa  
Katie Ryan, Town of Wrightsville Beach  
Al Schroetel, Cape Fear Cyclists  
Carly Wilson, UNCW  
Nick Cannon, WMPO  
Abby Lorenzo, WMPO

**Staff and Guests Present**

Zachary Manfredi, WMPO  
Tara Duckworth, New Hanover County Parks and Gardens  
Dylan McDonnell, New Hanover County Planning  
Adrienne Harrington, Smart Moves Consulting  
Kat Pohlman, UNCW  
Ryan Nyquist, Professional BMX Athlete

**1. Call to order**

- C. Stein called the meeting to order at 2:00 pm

**2. Approval of the Agenda**

- Motion to approve the agenda by Abby Lorenzo
- Second by Duncan McCabe
- Unanimous approval of the agenda

**3. Public Comment Period**

- None

**4. Approval of the Minutes from February 9, 2021**

- Carly Wilson noted that her name appears twice in the list of attendees

- Motion to approve the minutes from the February 9, 2021 BPAC meeting with edit of removing the repeat of Carly Wilson's name made by Steve Whitney
- Motion seconded by Duncan McCabe
- Unanimous approval of the minutes from February 9, 2021

## **5. Presentations**

- Adrienne Harrington presented the Town of Belville Vision 2030 Plan
- Kat Pohlman presented the UNCW Sustainable Climate Resiliency Draft Plan

## **6. Old Business**

- Z. Manfredi updated the committee on the bicycle and pedestrian project database. Currently, approximately 100 projects that were submitted by the public and are outlined previous plans are being evaluated for appropriateness. A public link to the online GIS portal has been created.
- Z. Manfredi went through the research performed on policy that may increase bicycle and pedestrian infrastructure to be included in new developments. An analysis was performed for regional, state, and out-of-state municipalities. Z. Manfredi shared with the committee that any recommended language for a model ordinance will have to be discussed with City attorneys. WMPO staff asked the committee to highlight any language they wish to see in a model ordinance and provide via email by Friday April 16<sup>th</sup>.
- N. Cannon shared the minutes and meeting notes of the Bicycle Friendly Community Taskforce of the City of Wilmington.
- A. Lorenzo presented a resolution to support a realignment of the route of the East Coast Greenway that provides safer bicycle travel through western New Hanover County.
  - i. Al Schroetel made a motion to pass a resolution supporting the realignment of the East Coast Greenway in Wilmington.
  - ii. Motion Seconded by Ann Carbone
  - iii. Motion passed unanimously
- N. Cannon shared with the committee that, after corresponding with Wrightsville Beach staff, the dates of September 18<sup>th</sup> or October 16<sup>th</sup> are the best available for rescheduling the 2021 River to Sea Bike Ride.
  - i. Duncan McCabe made a motion to schedule the 2021 River to Sea Bike Ride for October 16<sup>th</sup>
  - ii. Motion was seconded by A. Lorenzo
  - iii. The motion passed unanimously
- N. Cannon shared that any reports of issues along the Cross City Trail should be shared with Doug Lewis from City of Wilmington Parks and Recreation

## **7. New Business**

- A. Lorenzo presented a resolution supporting a proclamation that declares May as Bike Month for the region. This will be the first time that the WMPO Board would declare May as Bike Month
  - i. Duncan McCabe made a motion to approve the resolution of a proclamation declaring May as Bike Month for the WMPO region

- ii. Motion seconded by Al Schroetel
  - iii. Motion passed unanimously
- N. Cannon shared with the committee the initiative to update the WMPO Bicycle Suitability Map. This map was first created in 2015 and is due for an update. N. Cannon presented to the committee three possible methods for scoring roadways in the area for bicycle compatibility.
- By recommendation of WMPO staff, the committee reached a consensus to score roadways for bike suitability based on lane volume, the presence of a bike lane and roadway speed
  - i. Al Schroetel made a motion to update the WMPO Bike Suitability Map using the proposed methodology
  - ii. Motion seconded by Ann Carbone
  - iii. Motion passed unanimously
- Barnes Sutton presented to the committee the concept of a Northern Brunswick County Bicycling Event. This event would be used to increase public interest and engagement for the Navassa Comprehensive Bicycle and Pedestrian Plan and the Gullah-Geechee Heritage Trail. Staff from Brunswick County, Navassa, Belville, and Leland are in support of this ride and. This ride concept will be presented to the WMPO Board in the May meeting. WMPO staff will coordinate to create a planning committee to plan the event for this fall
- Ryan Nyquist, a professional BMX Athlete, expressed his support and interest in a BMX facility in New Hanover County.
- A. Lorenzo explained information from the agenda packet regarding federal transportation dollars earmarking.
- The committee asked for Direct Attributable project updated to be included in future agenda packets
- N. Cannon updated the committee on the progress of developing a Wilmington Urban Area "Bike There" Map to indicate destinations throughout the region that may safely be reached by bicycle

## **8. Updates**

- A. Lorenzo pointed out changes to the BPAC roster
- N. Cannon gave an update on the Go Coast Commuter Challenge 2021 Subcommittee
- N. Cannon gave an update on the short-range TDM plan "Cape Fear Change in Motion 2020" that will go before the WMPO Board for consideration for approval in the April Meeting
- Al Schroetel shared that Cape Fear Cyclists and the Terry Benji Foundation have met with NCDOT division 3 to explore opportunities to improve safety for cycling on River Road.
- The next BPAC meeting is Tuesday June 8<sup>th</sup> and will be held virtually at 2pm

## **9. Adjournment**

- Motion to adjourn made by Al Schroetel
- Motion seconded made by Duncan McCabe
- Motion passed unanimously

## Article I. Bikeways, Sidewalks, and Greenways

### Section 1.01 Purpose

- (a) The regulations in this chapter are designed to promote efficient traffic circulation; protect public health, safety, and the general welfare of pedestrians and cyclists in residential neighborhoods, shopping districts, parks and recreational facilities.
- (b) It is the intention of the [JURISDICTION] to implement the general planning policies expressed in the [JURISDICTION] land use plan, [JURISDICTION] comprehensive plan, corridor plans, special area plans, bicycle plans, and pedestrian plans.

### Section 1.02 Applicability

- (a) This Article applies to all development within the [JURISDICTION] or within the [JURISDICTION] jurisdiction.
- (b) No construction shall commence until all required plans and designs have been reviewed and approved by the [JURISDICTION] or other governmental approving agency.
- (c) No city services or utilities shall be extended to any development until the applicant has installed the infrastructure specified in this chapter.

### Section 1.03 Reservation of Public Land

- (a) Where a proposed greenway is shown in the comprehensive plan, bicycle plan, or pedestrian plan, as part of a development, the [JURISDICTION] may require the reservation of the land for future use.
- (b) The reservation shall continue for a period of not more than 1 year from the date of approval of the preliminary plan. Extensions may be permitted upon mutual agreement between the landowner and the [JURISDICTION Board], which shall not exceed 2 years.

### Section 1.04 Easements

- (a) Easements shall be provided in locations and dimensions required by the City in order to:
  - (i) *Allow for adequate pedestrian access.*
  - (ii) *Allow for adequate bicycle access.*
  - (iii) *Allow for adequate right-of-way for street types.*
  - (iv) *Allow for adequate storm drainage facilities.*
  - (v) *Allow for adequate access to service bicycle and pedestrian infrastructure Allow for adequate access to service bicycle and pedestrian infrastructure.*
  - (vi) *Allow for adequate right-of-way for construction of bicycle and pedestrian infrastructure.*
- (b) Whenever a tract of land in a proposed site plan includes any part of a greenway designated in the comprehensive plan, bicycle plan, or pedestrian plan, the greenway shall be platted and dedicated as a greenway easement.

## Section 1.05 Exemptions

### (a) Fee-in-Lieu

- (i) Where the TRC determines that construction of public improvements would not be feasible, a fee in lieu may be permitted.*
- (ii) Right-of-way and easements may still be dedicated to the [JURISDICTION] to allow access.*

### (b) Surety

- (i) Required improvements identified in this chapter that are not completed prior to the issuance of a building permit will be bonded in accordance with [JURISDICTION] development standards in an amount of 125% of the estimated construction cost.*
- (ii) All required improvements secured by a surety shall be installed prior to the issuance of the first certificate of occupancy.*

### (c) Board of Adjustments

- (i) Right of appeal: any person affected by any decision, requirement, or determination related to the contents of this chapter may file an appeal to the [JURISDICTION] board of adjustment within 30 days of the decision, order, or requirement.*
- (ii) Review by superior court: The board shall determine the contested resolution and make a decision in a reasonable time.*

## Section 1.06 Zoning

- (a) Sustainable Incentives: For the purpose of reducing energy consumption, any new development that meet any of the following criteria that result in a significant contribution to the reduction of energy consumption, may be granted reduced building permit fees, high density zoning allowances, and building permit rebates.*
  - (i) Construct an amount of Greenway connecting to an existing or planned route, that is of greater value than the proposed open space requiremntn.*
  - (ii) Where transit routes coincide with proposed development; provide transit infrastructure with bicycle and pedestrian access greater than the proposed open space requirement.*

## Section 1.07 Overlay District

### (a) Greenway Overlay District

- (i) The purpose of the Greenway Overlay District is to promote health, safety, convenience, and general welfare by providing increased connectivity and infrastructure to surrounding parks, neighborhoods, businesses, and bicycle and pedestrian networks.*
- (ii) A multi-use path shall be installed in accordance with the comprehensive plan.*
- (iii) Where sidewalks, MUP's, or other pedestrian ways meet the street ADA compliant ramps shall be installed.*
- (iv) Bicycle and pedestrian infrastructures shall be installed in accordance with [JURISDICTION] design standards.*
- (v) Establish guidelines and design controls for parcels adjacent to greenways planned in the comprehensive plan, bicycle plan, and pedestrian plan.*

### (b) Pedestrian Benefit Zone

- (i) *The purpose of the pedestrian benefit zone is to promote safe and convenient pedestrian infrastructure in designated zones with high density.*
- (ii) *Concrete sidewalks shall be constructed along the entire frontage of all commercial, residential, industrial, and park sites within the pedestrian benefit zone.*
- (iii) *If concrete sidewalks currently exist but are in poor deteriorated condition, the sidewalk shall be replaced to [JURISDICTION] design standards.*
- (iv) *If the [JURISDICTION Board] determines that that a sidewalk is not necessary a contribution shall be made to the [JURISDICTION] at a rate determined by [JURISDICTION Board] per linear foot of frontage.*

## Section 1.08 Development Standards

### (a) New Streets

- (i) *Where a proposed street attaches to an existing street the proposed street must provide connectivity to the existing sidewalk, greenway, or bike lane, regardless of minimum standards.*

### (b) General Access

- (i) *All existing and proposed developments must provide pedestrian and bicycles ingress and egress to and from a street or adjacent site*

### (c) Pedestrian Access



- (i) *All existing and proposed developments must provide ADA compliant access connecting all main entrances of buildings with other public entrances.*
- (ii) *Pedestrian accesses between building and public right of way, shall be separated from vehicular surface areas.*

### (d) Open Space Requirements

- (i) *Consistency with existing plans: if any portion of a proposed plan is part of a parks plan, bicycle, or pedestrian plan adopted by [Jurisdiction] such area shall be set aside to satisfy the requirements of this section*
- (ii) *Greenways: Open space dedicated as a greenway shall be a continuous parcel of at least 30 feet in width*

## Section 1.09 Site Plan Review

### (a) Procedure

- (i) *Preapplication Process*
- (ii) *Application*
- (iii) *Application Completeness*
- (iv) *Review: Site plans shall be reviewed by the technical review committee, which may approve or reject the site plan. Rejection may be made with one or more of the following findings related to bicycle and pedestrian infrastructure with respect to the proposed development*
  - 1) *The proposed development is not consistent with the comprehensive plan, bicycle plan, or pedestrian plan;*
  - 2) *The proposed development does not accommodate pedestrians access to ROW;*
  - 3)  *The proposed development does not have ADA accessible access to ROW;*
  - 4)  *The proposed development does not have proper easement dedications per section 1.03;*



- 5) The proposed development does not meet overlay requirements per section 1.04;
- 6) The proposed development does not meet Bikeway, Sidewalk, and Greenway requirements per section 1.07;
- (v) *Upon approval of the site plan, the building inspector may issue a building permit;*

## Section 1.10 Bikeway, Sidewalk, and Greenways

### (a) Bicycle and Pedestrian Connections

- (i) *accommodations shall be provided in all new developments to facilitate the use of bicycle and pedestrian travel through the integration of sidewalks, multi-use paths, and bicycle lanes that connect to parks, schools, transit, and shopping areas.*
- (ii) *In new residential subdivisions bicycle and pedestrian paths, trails, and bicycle lanes shall also connect to collector and minor arterial streets.*
- (iii) *In Easements or rights-of-way shall be provided for bicycle /pedestrian paths between and within developments*
- (iv) *A continues bicycle/pedestrian path shall be provided from the perimeter infrastructure to each of the following: entrances to each building on site, public sidewalks, walkways, trails, adjacent public parks, adjacent transit areas.*

### (b) Required locations

- (i) *Sidewalks, crosswalks, and multi-use paths shall be constructed by the developer conforming to facility types identified in adopted plans or as follows below.*
  - 1) Freeways, expressways, arterials, collector streets, local streets: a minimum of one side of the right of way on adjacent properties.
  - 2) Throughfares to be developed to access the proposed development: both sides of the right-of-way adjacent to the proposed development.
  - 3) Local and collector streets: both sides of the right-of-way to be developed.
  - 4) Dul-de-sac: both sides of the right-of-way to be developed.
- (ii) *The Technical Review committee may exempt sidewalk installation in cases to avoid impacting wetlands.*



(c) Mid-block crossing locations

(i) *Local streets and new streets greater than 600 feet between intersections shall have mid-block crossings with accessible pedestrian ramps on both sides of the street when any of the following conditions are met:*

- 1) There are two destinations on either side of the street with sidewalk or greenway within the right-of-way;
- 2) An existing or proposed greenway crosses the street between two intersections;
- 3) A mid-block crossing is recommended by the TRC

(ii) *Mid-block crossings shall*

- 1) Be equidistant from either intersection;
- 2) Be constructed at 90 degrees to the roadway;
- 3) Connect both ends to a sidewalk or greenway;
- 4) Provide easements if not within public right-of way.

(iii) *The TRC may waive the mid-block crossing requirement as they see fit.*

## Section 1.11 Enforcement

- (a) The [JURISDICTION] shall not issue a building permit unless the plans, specifications and intended uses of building or structures conform in all respects to the provisions of this chapter.
- (b) The [JURISDICTION] may withhold or deny certificate of occupancy all permits or other forms of authorization on any development for which there is a violation of a provision in this chapter.
- (c) A violation of any of the provisions in this chapter shall result in a civil penalty of \$50 for the initial violation and a civil penalty of \$100 for each additional violation.

## Section 1.12 Design Standards

- (a) Construction within the public ROW shall comply with NCDOT and [JURISDICTION] standards
- (b) Sidewalks, bikeways, and greenways shall comply with [JURISDICTION] design standards set forth in the [JURISDICTION design standards]



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

May 2021

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

MAY TPD UPDATES WILMINGTON MPO

MAY 2021

**Brunswick County Model:** The Brunswick County Model was completed in February of last year.

**Brunswick County Comprehensive Transportation Plan (CTP):** The CTP is moving along and we are on schedule. Our last meeting was on 4/22 where we went over the following items:

- Future Year Highway Decision Meeting
- Bicycle and Pedestrian Review Meeting
- Survey Update

Our next meeting is on May 13, 2021 where we will be reviewing Transit/ Rail Map and have a decision meeting on the Bicycle and Pedestrian Map. The survey opened on March 11<sup>th</sup> and closes on June 9<sup>th</sup>. As of April 26<sup>th</sup>, we have over 3,600 responses and we thank everyone on our CTP Steering Committee for the survey outreach.

**Wilmington Model:** The 2045 Travel Demand Model and 2045 Wilmington MPO MTP was adopted on 11/18/2020 by the Wilmington MPO Board.

**Traffic Shift Planned for Wilmington's Market Street:** To allow construction to continue on Wilmington's Market Street, the N.C. Department of Transportation contractor will needed to shift a section of traffic in April. This construction is part of a larger project to relieve congestion and improve safety on Market Street. Construction is expected to be complete in early 2023.

**Applications Open for Bicycle and Pedestrian Planning Grants:** The N.C. Department of Transportation is accepting applications from communities for the [2021 Bicycle and Pedestrian Planning Grant Initiative](#). The program provides funding for municipalities across the state to develop comprehensive bicycle or pedestrian plans. All North Carolina municipalities are eligible to apply for a standard bike or pedestrian plan. Additionally, the following options are available:

- Counties with populations of less than 50,000 may apply for a bicycle or pedestrian plan.
- Smaller municipalities with populations of less than 10,000 can also apply to develop combined bicycle and pedestrian plans.
- Municipalities with a population of less than 5,000 may apply for a Project Acceleration Plan – an abbreviated plan primarily focusing on priority project identification and implementation.
- Municipalities (and counties with populations of less than 50,000) with a bicycle or pedestrian plan may also apply to update their plan if it is at least five years old.

The deadline for applications, to be submitted electronically, is June 30 at 5 p.m. Award recipients will be notified by September 2021.

**NCDOT Completes Tornado Cleanup in Brunswick County:** Crews with the N.C. Department of Transportation and a North Carolina contract company have completed cleanup from a tornado in Brunswick County last month.

**Two Traffic Shifts on Wilmington's Market Street:** A contractor with the N.C. Department of Transportation has shifted traffic on a Wilmington street beginning to mid-March. Southbound traffic on Market Street between Amaryllis Drive and just south of Alexander Road has shifted back to its original alignment starting around 7 p.m. on March 7<sup>th</sup>. This shift has also opened the southern access to Alexander Drive. Northbound traffic shifted back to the original alignment in January and will be unaffected by this switch.

**WILMINGTON URBAN AREA  
MPO  
May 2021**

**PENDER COUNTY STREETS PLAN**

In January, WSP, Pender County, and WMPO kicked off the development of the Pender County Streets Plan. The final plan will serve as an update to the 2016 Pender County Collector Streets Plan and is envisioned to be a more comprehensive technical document that integrates the recommendations of the Pender County Comprehensive Plan 2.0 with buy in and support from both the development community and citizens. The effort is funded as a special study in the WMPO's adopted FY 21 UPWP, and the schedule for the development of the plan is estimated to be approximately six months. This plan includes two public outreach and participation periods. The development of the plan is being overseen by a steering committee comprised of stakeholders representing the county, the development community, NCDOT, and citizens among others.

**Project Status and Next Steps:**

- Preliminary recommendations to be presented to the Steering Committee at meeting on May 20<sup>th</sup>.
- Second public input survey for preliminary plan recommendations to be released last two weeks of May.
- Final plan recommendations by June 30, 2021.

**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: 11 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: 5 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Development Plan Reviews: 0 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: 16 total (13 on-going; 3 new): New Hanover County 5 (1 new), City of Wilmington 3 (1 new), Carolina Beach 1, Town of Leland 0, Town of Navassa 0, Pender County 6 (1 new), and Brunswick County 1
- Pender County Development Plan Reviews: 7 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 45 reviews (5 new, 40 on-going )
- City of Wilmington Informal Reviews: 19 reviews ( 9 new, 7 on-going)

- City of Wilmington Concept Reviews: 0 reviews (0 new )
- COW Project Releases: 9 released

**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 2021
- NCDOT final design approval and City to request Construction Funds Authorization – Summer 2021
- Begin Construction – Early 2022
- Construction Complete- Early 2023

**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:**

- Construction commenced October 26, 2021
- Construction in progress
- Project completion extended to December 31, 2022

**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:**

- Begin Construction – Spring 2021
- Complete Construction – Fall 2021

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

**Project Descriptions/Scope:** The project consist 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:**

- Complete final design package and submit to NCDOT for review—Summer 2021
- Update/renew permits – Summer 2021
- NCDOT final design approval – Summer 2021
- Right of way acquisition complete – Winter 2021/2022
- Begin Construction – Early 2022
- Complete Construction – Early 2023

**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:**

- Complete final design package and submit to NCDOT for review–Summer 2021
- Update/renew permits –Summer 2021
- NCDOT final design approval –Summer 2021
- Right of way acquisition complete –Winter 2021/2022
- Begin Construction –Early 2022
- Complete Construction –Early 2023

**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
- Construction in progress
- Project completion extended to June 30, 2022
- Supplemental Agreement 4 increased the total estimated project cost to \$254,842

**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
- Construction in progress
- Project completion extended to June 30, 2022

**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
- Construction in progress
- Project completion extended to June 30, 2022
- Supplemental Agreement 4 increased the total estimated project cost to \$327,788

**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:**

- Council approved additional funding for project on January 19, 2021
- MPO Board approved funding request on February 24<sup>th</sup>
- NCDOT Plans to resurface from 17th Street to Shipyard Blvd (Summer 2021)
- Once Notice To Proceed is awarded to AECOM, plans will be moved to 65% Plans in 45 days
- Then coordination with YWCA on needed ROW/Easement will happen

**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
- A RFQ was advertised for CEI services and a firm was selected.
- CEI has been approved by NCDOT
- NCDOT has asked that 2 documents be updated and resubmitted
- NCDOT has received requested documents
- Awaiting approval from NC DOT

**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 has been approved
- Construction Funds Authorization request is anticipated in late summer 2021

**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 Morecample Blvd and Rice Hope Run.

**Project Status and Next Steps:**

- The Town has entered into a contract with Withers & Ravenel
- Kick-off meeting was held on November 6<sup>th</sup>
- A groundbreaking ceremony was held on November 20<sup>th</sup>
- Project remains on track for a September 2022 LET
- Town is pursuing additional ROW to allow for preferred design

**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:**

- MPO Board approved additional funding request on February 24th to cover increased estimated costs of construction
- 95% design comments transmitted to HDR on March 28, 2021
- Final design package under development – anticipated delivery date early May

**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 completed March 2020.
- NCDOT Authorization for Preliminary Engineering received March 2020.
- An updated 90-day Design Proposal from Davenport received November 17, 2020.
- WMPO advised of pause in NCDOT funding availability.
- NCDOT funding availability reopened January 25, 2021
- Request for PE funding and authorization made on January 27, 2021
- PE funding and authorization received March 18, 2021.
- Recommendation to City Council expected in May.
- Design expected to start in June lasting through December.

**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.
- NCDOT funding availability reopened January 25, 2021
- Town Council elected to move forward with project and will upload information into EBS.

**TASA-DA**

**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:**

- Construction underway
- Approximately 90% complete with construction
- Paving complete; awaiting pavement markings and signage

**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 Town has entered into a contract with Withers & Ravenel
- A Kick-off meeting was held on November 6<sup>th</sup>
- A groundbreaking ceremony was held on November 20<sup>th</sup>
- Project remains on track for a September 2022 LET
- Town is pursuing additional ROW to allow for preferred design

**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:**

- Approval from NCDOT for hydraulic design received December 18, 2020
- Hydraulics completing redline drainage and erosion control plans.
- Updated schedule to account for ROW acquisitions and remaining design.
- 100% design completion expected June 2021.
- Anticipate construction let date in October 2021

**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 in February 2020.
- 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 June 24, 2020
- Contract sent to Davenport for execution as of January 28, 2021
- Pursuing executed contract with Davenport

**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.
- Town Council to discuss action on project prior to moving forward.

**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. Be A Looker**

- a. Go Coast’s 2021 “Be A Looker” bicycle and pedestrians safety campaign will take place from May to October.
- b. “Be A Looker” will be promoted through a variety of marketing techniques as well as through in-person educational events. Go Coast is working with the Wilmington Fire Department to hold two “Be A Looker” events each month of the campaign in Wilmington.
- c. TDM Coordinator has also reached out to TCC members to assess possibility for event partnerships with all Member Jurisdictions
- d. <https://www.gocoastnc.org/bealooker/>

#### **2. May is Go Coast Bike Month (and National Bike Month)**

- a. Participants can register at <https://www.gocoastnc.org/2021-go-coast-bike-month/>
- b. Participants will track and report their trips via bicycle for the month of May. Prizes have been donated by Two Wheeler Dealer and Bike Cycles
- c. The Go Coast Committee expressed interest in the development of a map for bike month that highlights bikeable destinations in the WMPO area. This map features local businesses, shopping centers, parks, museums, and more that are safely accessible by bicycle. This map can be found at <https://www.gocoastnc.org/2021-go-coast-bike-month/>

#### **3. 31st Annual River to Sea Bike Ride**

- a. The 2021 River to Sea ride is tentatively planned for Saturday October 16, 2021

#### **4. Short Range TDM Plan Update**

- a. The final Draft of Cape Fear Change in Motion 2020 was adopted by the WMPO Board in the April meeting
- b. This plan will guide Go Coast initiatives and SOV reduction strategies from 2021 to 2025

#### **5. Bicycle Suitability Map Update**

- a. The WMPO Bicycle and Pedestrian Advisory Committee has provided a recommended methodology for scoring roadway segments for bicycle compatibility.
- b. Staff will begin to score these roadways to update the Bike Suitability Map in 2021
- c. [http://www.wmpo.org/wp-content/uploads/2017/04/2016BikeSuitabilityMap\\_Regional.jpg](http://www.wmpo.org/wp-content/uploads/2017/04/2016BikeSuitabilityMap_Regional.jpg)

- 6. The next Go Coast meeting is May 20, 2021 at 3:00 and will take place virtually.

## **Bike Month 2021 Results**

Nick Cannon- WMPO, TDM Coordinator

Bike Month is a nationally recognized celebration of bicycling lead by the League of American Bicyclists. Go Coast Bike Month 2021 took place during the full month of May. The WMPO Board declared May as Bike Month by proclamation as did the City of Wilmington mayor.

Go Coast Bike Month was shared via email to an audience of approximately 12,000 recipients, announced in a press release, and promoted heavily on social media throughout the month. The following are the results for Go Coast Bike Month 2021.

- 120 participants.
- 774 trips taken on bicycle
  - 378 commuting trips taken in place of a single occupancy vehicle
  - 288 trips taken for leisure or exercise
- 4,665 miles
- Most popular routes include the Gary Shell Cross City Trail, Rive to Sea Bikeway, Covil Farms Drive, Wrightsville Avenue, Park Avenue, Princess Place Drive, 5<sup>th</sup> Avenue, 15<sup>th</sup> Street, Masonboro Loop road, Greenville Loop Road, and Ann Street.
- The highest participation from bicyclist commuting to work are from the WMPO, nCino, New Hanover County, New Hanover Regional Medical Center, UNCW, and Aperture.

These results compared Go Coast Bike Month 2020 have a decrease in miles ridden by 900, an increase in participants by 12, and an increase in trips taken in place of a vehicle by 36.

\*These results were compiled on June 5<sup>th</sup> and all reports from participants may not be complete. A finalized report will be made available in the coming days.

Representing	Current BPAC Member	BPAC Member Contact	
		Email	Phone
Brunswick County	Steve Whitney	<a href="mailto:swhitney0628@ec.rr.com">swhitney0628@ec.rr.com</a>	(585) 469-9172
Cape Fear Public Transportation Authority			
City of Wilmington	Karin Mills	<a href="mailto:generalmills@gmail.com">generalmills@gmail.com</a>	(910) 763-5663
City of Wilmington	Duncan McCabe	<a href="mailto:webshopper@ec.rr.com">webshopper@ec.rr.com</a>	(910) 777-1938
NC Board of Transportation	Steven Zinder	<a href="mailto:zinders@uncw.edu">zinders@uncw.edu</a>	
New Hanover County			
Pender County	Carol Stein (Chair)	<a href="mailto:csteinmove@gmail.com">csteinmove@gmail.com</a>	(910) 232-4787
Town of Belville	Joe Boyd	<a href="mailto:joeboyd1982@yahoo.com">joeboyd1982@yahoo.com</a>	(910) 612-3059
Town of Carolina Beach	Patrick Boykin	<a href="mailto:pboykin@alumni.duke.edu">pboykin@alumni.duke.edu</a>	(910) 274-1060
Town of Kure Beach	Mo Lindquist	<a href="mailto:mlinquist@gmail.com">mlinquist@gmail.com</a>	(330) 904-3636
Town of Leland	Ann Carbone	<a href="mailto:carbone.ann@gmail.com">carbone.ann@gmail.com</a>	(617) 571-6857
Town of Navassa	Barnes Sutton	<a href="mailto:planner@townofnavassa.org">planner@townofnavassa.org</a>	(910) 371-2432
Town of Wrightsville Beach	Katie Ryan (Vice Chair)	<a href="mailto:kryan@towb.org">kryan@towb.org</a>	(910) 256-7925
Chair Appointee/Regional Bicycle Interest	Al Schroetel	<a href="mailto:downeast@bellsouth.net">downeast@bellsouth.net</a>	(910) 686-6905 H / (910) 352-4378 C
Chair Appointee/Regional Bicycle Interest (Alternate)	Sam Burgess	<a href="mailto:sam.burgess113@gmail.com">sam.burgess113@gmail.com</a>	
UNCW	Carly Wilson	<a href="mailto:wilsonca@uncw.edu">wilsonca@uncw.edu</a>	(910) 386-9700
NCDOT Division 3	Caitlin Marks	<a href="mailto:cmmarks@ncdot.gov">cmmarks@ncdot.gov</a>	(910) 341-2001
TDM Coordinator	Nick Cannon	<a href="mailto:nick.cannon@wilmingtonnc.gov">nick.cannon@wilmingtonnc.gov</a>	(910) 341-7806
WMPO BPAC Secretary	Abby Lorenzo	<a href="mailto:abigail.lorenzo@wilmingtonnc.gov">abigail.lorenzo@wilmingtonnc.gov</a>	(910) 341-7890