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Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that pro-actively drive transportation decisions to improve safety, connectivity, economic development and quality of life in the Wilmington region.

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

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: February 21, 2019
SUBJECT: February 27th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, February 27th at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Consent Agenda
 - a. Approval of Board Meeting Minutes- January 30, 2019 (p. 3-12)
 - b. Resolution supporting the allocation of FY 19 Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) funding to the Town of Carolina Beach for the Clarendon Avenue Multi-use path, City of Wilmington for the Market Street at 21st Street signalized pedestrian crossing, and New Hanover County for design of the Ogden Park/Middle Sound Loop Connector Projects (p. 13-15)
 - c. Resolution supporting the Section 5310 Community Grant Awards (p. 16-18)
 - d. Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #19-1 (p. 19-20)
 - e. Opening of the 30-day Public Comment Period for 2018-2027 STIP/MPO TIP Amendment #19-1 (p. 21-23)
- 7) Regular Agenda
 - a. Resolution adopting the Wilmington Urban Area MPO's FY 19 Legislative Agenda (p. 24-25)
 - b. Resolution supporting the North Carolina Ports Authority's grant application for the US DOT's FY 19 Better Utilizing Investments to Leverage Development (BUILD) and Infrastructure for Rebuilding America (INFRA) programs to fund container gate improvements at the Port of Wilmington (p. 26-27)

Wilmington Urban Area Metropolitan Planning Organization

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- c. Resolution supporting the North Carolina Department of Transportation's efforts to fund resilient improvements to Interstate 40 and Interstate 95 (p. 28)
 - d. Resolution approving the Cape Fear Moving Forward 2045 Bicycle and Pedestrian Modal Project List (p. 29-37)
 - 8) Discussion
 - a. FY 2020-2024 Direct Attributable Funding Call for Projects (p. 38-48)
 - b. Transportation Alternatives Set Aside- Direct Attribute Funding- Previous Year Funding Allocations
 - c. Resilient Transportation Infrastructure Priorities
 - 9) Updates
 - a. Crossing over the Cape Fear River (p. 49)
 - b. Wilmington Urban Area MPO (p. 50-56)
 - c. Cape Fear Public Transportation Authority (p. 57-58)
 - d. NCDOT Division (p. 59-68)
 - e. NCDOT Transportation Planning Division (p. 69-71)
 - 10) Announcements
 - a. NCDOT Draft 2020-2029 STIP Drop in Period- March 4th – 8th
 - b. Bike/Pedestrian Committee Meeting- March 12th
 - 11) Next meeting – March 27, 2019

Attachments

- Board Meeting Minutes- January 30, 2019
- FY 19 Transportation Alternatives Set Aside- Direct Attributable Recommendations
- Resolution supporting the allocation of FY 19 Transportation Alternatives Set Aside funding to the Town of Carolina Beach for the Clarendon Avenue Multi-use path, City of Wilmington for the Market Street at 21st Street signalized pedestrian crossing, and New Hanover County for design of the Ogden Park/Middle Sound Loop Connector Projects
- Section 5310 Community Grant Awards Memorandum
- Resolution supporting the Section 5310 Community Grant Awards
- Proposed 2018-2027 STIP/MPO TIP Administrative Modification #19-1
- Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #19-1
- Proposed 2018-2027 STIP/MPO TIP Amendment #19-1
- Draft Wilmington Urban Area MPO's FY 19 Legislative Agenda
- Resolution adopting the Wilmington Urban Area MPO's FY 19 Legislative Agenda
- Maps of proposed North Carolina Ports Authority's grant requests
- Resolution supporting the North Carolina Ports Authority's grant application for the US DOT's FY 19 Better Utilizing Investments to Leverage Development (BUILD) and Infrastructure for Rebuilding America (INFRA) programs to fund container gate improvements at the Port of Wilmington
- Resolution supporting the North Carolina Department of Transportation's efforts to fund resilient improvements to Interstate 40 and Interstate 95
- Proposed Cape Fear Moving Forward 2045 Bicycle and Pedestrian Modal Project List
- Resolution approving the Cape Fear Moving Forward 2045 Bicycle and Pedestrian Modal Project List
- Draft FY 2020-2024 Direct Attributable Funding Call for Projects
- Cape Fear River Crossing Update (February)
- Wilmington MPO Project Update (February)
- Cape Fear Public Transportation Authority Update (February)
- NCDOT Division Project Update (February)
- NCDOT Transportation Planning Division Project Update (February)



Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, January 30, 2019

Members Present

David Piepmeyer, Pender County
Pat Batleman, Town of Leland
Neil Anderson, City of Wilmington
Jonathan Barfield, Cape Fear Public
Transportation Authority
Mike Allen, Town of Belville
Steve Shuttleworth, Town of Carolina Beach
John Ellen, Town of Kure Beach

Hank Miller, Town of Wrightsville Beach
Patricia Kusek, New Hanover County
Mike Forte, Brunswick County

Others Present

Mike Kozlosky, Executive Director, WMPO

1. Call to Order

Chairman Piepmeyer called the meeting to order at 3:00 p.m.

2. Conflict of Interest Statement

Chairman Piepmeyer read the conflict of interest statement and asked if any members had a conflict with any of the items on the meeting agenda. No members reported having a conflict.

3. Approval of Board Members' Excused Absences

Mr. Kozlosky stated that Mr. Rivenbark and Mr. Willis have requested to be excused from the meeting.

Ms. Kusek made a motion to excuse the absences of Mr. Rivenbark and Mr. Willis. Mr. Miller seconded the motion, and it carried unanimously.

4. Approval of the Agenda

Vice Chair Batleman made a motion to approve the agenda, seconded by Mr. Forte, and the motion carried unanimously.

5. Public Comment Period

Ms. Ruth Fitzsimmons, resident of Windsor Park, spoke to the Board regarding Snug Harbour/Windsor Park. She distributed documents of photos from Windsor Park, nearly a quarter of a mile from the I-140 Bypass. She expressed concerns regarding highway noise, safety, the loss of trees/vegetation, and requested support from the Board for a barrier from DOT. She also read a statement by Julie Bryant Vincent, a neighbor with similar concerns.

In response to an inquiry by Mr. Anderson, Mr. Kozlosky stated that the date of public knowledge was prior to the development of Windsor Park. Per the state's noise policy, it did

not qualify for a noise wall. He requested that discussion on this topic be delayed until later in the meeting as scheduled on the agenda.

Ms. Debby Correa, resident of Windsor Park, spoke to the Board regarding Snug Harbour/ Windsor Park and expressed concerns regarding noise, safety, and requested a barrier. She read statements by two unidentified neighbors with similar concerns.

Ms. Joanne Donaghue spoke to the Board regarding the Cape Fear Crossing and asked for clarification regarding the primary reason for the project.

Vice Chair Batleman responded that the Town of Leland will hold a regular Transportation Oversight Committee meeting on February 7th that will address this topic. She noted that Mr. Kozlosky will be present to answer questions regarding the selection of the corridor for the crossing.

In response to further inquiries by Ms. Donaghue, Mr. Kozlosky suggested that she attend and express her concerns during the public hearings that will be held in the spring. He gave a brief overview of the alternative selection process.

Mr. Jack Edmondson spoke to the Board and stated that his concerns are similar to Ms. Donaghue's regarding the Cape Fear Crossing.

In response to an inquiry by Mr. Edmondson, Mr. Kozlosky identified the two alternatives supported by the MPO Board as MA and NA. He added that the environmental impact study is expected to be released in February.

A brief question/answer and discussion period was held regarding the Town of Leland's meeting.

Mr. Ted Hotham, 3065 Yorkstone Court, Leland, spoke to the Board regarding the I-140 barrier. He expressed concerns regarding the lack of guard rails, toxicity, noise, sight and elevation of the highway.

6. Election of Officers

Ms. Batleman nominated David Piepmeyer for Chairman. Mr. Ellen seconded the nomination.

There being no further nominations, Mr. Miller made a motion to close the nominations and elect Mr. Piepmeyer as Chair. Ms. Batleman seconded the motion and it carried unanimously.

Mr. Forte nominated Pat Batleman for Vice Chair. Mr. Anderson seconded the nomination.

There being no further nominations, Chairman Piepmeyer closed the nominations. The Board voted unanimously to elect Ms. Batleman as Vice Chair.

7. Presentations

b. Wilmington Urban Area MPO 2045 Travel Demand Model

Mr. Behshad Norowzi, Coastal Plains Group Supervisor, NCDOT Transportation Planning Unit, gave an overview of the Wilmington Urban Area MPO's 2045 Travel Demand Model. He stated that the 2015 model was calibrated from Census socio-economic data (population and employment), which was verified by the MPO's member jurisdictions. For the 2045 model, control totals from the Office of the State Budget and Planning were combined with assessments of high, medium and low growth rates for the Transportation Analysis Zones (TAZ) by MPO staff and member jurisdictions. He noted that the Travel Demand Model will be used as a tool to rank projects for the 2045 Metropolitan Transportation Plan.

A question/answer and discussion period was held regarding population projections.

c. WAVE Transit's Short Range Transit Plan

Ms. Megan Matheny, Deputy Director, Cape Fear Public Transportation Authority, gave an overview of the development of the Short Range Transit Plan. She stated that an outside consultant, Nelson\Nygaard, oversaw the 14-month planning process at a cost of \$150,000. Representatives from the local jurisdictions and partner organizations, such as the Housing Authority and the Community Resource Center, served on the steering committee that also consisted of representatives from the local jurisdictions. The process also included public engagement, market analysis, existing conditions assessment, and peer review of other transit agencies within the region.

Ms. Matheny gave an overview of findings. She stated that the existing regional service is stretched thin and reallocating resources would be a challenge. However, Wave Transit is running efficiently considering available resources, and that scheduled routes are located in the appropriate corridors. She noted that results from analysis were congruent with public input. Needs and priorities include securing local match contributions to leverage state and federal dollars, increasing service frequency, and engaging choice riders (frequency and convenience). She added that the majority of routes operate on an hour headway with the exception of the downtown trolley. One of the fixed routes with the largest ridership has a 30-minute frequency. A mobile app is available and an electronic

payment option may be available by the end of the year. Also, amenity upgrades such as bus shelters that have transpired over the last two years will continue.

Ms. Matheny stated that the cost neutral recommendations for the five-year planning horizon, FY2019-2023, assume no additional resources and may include route tweaks and realignments. Independent of this study, the downtown transfer station of the Multi-modal Transportation Center (MMTC) would require realignment of half of the fixed routes that serve the downtown station. Recommendations that would require additional funds include providing services to areas of need identified in comprehensive plans such as the Porters Neck area. In addition to future recommendations, other service areas discussed included Kure Beach and River Road.

Mr. Albert Eby, Executive Director, Cape Fear Public Transportation Authority, gave a brief overview of the Authority and some of its challenges including the upcoming loss of rural transit funding and some other funds, increased operation costs for the new MMTC facility, a specialized workforce, and questionable federal reimbursements as a result of services during Hurricane Florence and the recent federal government shut-down. He pointed out that the biggest challenge to public transportation in the region is the availability of a dedicated funding source. He encouraged members to review the “Short Range Transit Plan” and the “Short Term Efficiencies and Long Term Governing Model,” both of which can be found online at <https://www.wavetransit.com/documents-and-plans/>.

8. Consent Agenda

- a. Approval of Board Meeting Minutes – November 28, 2018**
- b. Resolution adopting WAVE Transit’s Short-range Transit Plan**
- c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #18-9**

Mr. Barfield made a motion to approve the Consent Agenda as presented, seconded by Mr. Ellen, and the motion carried unanimously.

9. Regular Agenda

- a. Opening of the 30-day Public Comment Period for the FY 2020 Unified Planning Work Program**

Mr. Kozlosky stated that this public comment period is for the MPO’s budget for the upcoming Fiscal Year. He noted that there is no significant change to the program. He added that \$3,200 was included for an intern to help with data collection activities

throughout the region, which can then be provided to the local member jurisdictions. A 3% compensation package has been included as well. The MPO is required to hold a 30-day public comment period and adopt a Unified Planning Work Program by March 31st.

Mr. Barfield made a motion to open the 30-day Public Comment Period for the FY 2020 Unified Planning Work Program. Mr. Ellen seconded the motion, and it carried unanimously.

b. Resolution approving the Cape Fear Moving Forward 2045 Proposed Modal Project Lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway

Ms. Lorenzo stated that the modal subcommittees and the Citizens Advisory Committee (CAC) have work diligently on compiling lists of regionally significant projects. The Bicycle/Pedestrian Committee is in the process of addressing concerns raised by the CAC, and its list will be brought forward for consideration next month. The approved project lists will be sent to the consultant for a high-level planning cost estimates. In the meanwhile, the CAC is working on criteria and metrics to score and rank the projects.

Mr. Miller requested that a project be added to the list. He noted that the Town of Wrightsville Beach has the match with \$1 million in private funds. He added that the project would improve Salisbury Street (road, sewer, streetlights, landscaping, new restrooms with shower amenities, and underground power lines) from the Banks Channel Bridge to Johnny Mercer's Pier.

Mr. Kozlosky stated that the town has expressed an interest in applying for STPBG-DA funds. He noted that the streetscape project was not included in the draft project list; although a round-about at Salisbury Street and Lumina Avenue was included.

Chairman Piepmeyer stated that this is another mechanism for all jurisdictions to have a project considered. In addition, this project will provide an opportunity to spend the money, which has been a challenge in the past in the absence of a local match.

A question/answer and discussion period was held.

Mr. Miller made a motion to approve as amended the Resolution approving the Cape Fear Moving Forward 2045 Proposed Modal Project Lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway. Vice Chair Batleman seconded the motion, and carried it unanimously. [Amendment: Include the project from Banks Chanel Bridge to Johnny Mercer's Pier on Salisbury Drive for consideration and cost estimation.]

7. a. Recognition of former MPO Board member Skip Watkins

Chairman Piepmeyer expressed appreciation to Mr. Watkins for his service to and on behalf of the MPO Board. Mr. Watkins expressed appreciation to the Board.

10. Discussion

a. Snug Harbour/Windsor Park

Mr. Kozlosky stated that in late 2018 the Board heard comments regarding the elevation of the road connection from Military Cutoff Road to Market Street being constructed as part of the Military Cutoff Road Extension and the impact of that road connection on residents of Snug Harbour and Covil Crossing. He noted that Ms. Collette and NCDOT staff have discussed the noise and visual impacts. He added that Vice Chair Batleman has requested that the discussion include Windsor Park. He reminded the Board that in late 2017 or early 2018 the Board received a number of comments regarding noise and visual impacts to Windsor Park from the I-140 Bypass, which were reiterated this afternoon.

Vice Chair Batleman stated that the Board unanimously adopted a resolution of support regarding Windsor Park, which was rejected by NCDOT due to policy. However, NCDOT has become more open to considering the impact Snug Harbour/Covil Crossing. She pointed out that an amendment to the noise policy would benefit other similar situations.

Mr. Kozlosky suggested that staff craft an amendment for approval by the Board and discussion with NCDOT and the Federal Highway Administration.

A question/answer and discussion period was held regarding elevation changes, and the timing of the noise and hydrology studies.

It was the consensus of the Board for staff to proceed with the draft amendment.

b. Transportation Alternatives Set Aside- Direct Attributable (TASA-DA) Call for Projects

Ms. Kimes stated that a call for projects was issued in the winter for the \$898,564 available in Transportation Alternatives Set Aside (TASA) funds. She noted that all three of the applications that were received scored well. Although the projects totaled \$950,000, over funding has been found by MPOs across the state to be one way to keep from losing funds. She noted that another rescission is anticipated on October 1, 2019 and recommended awarding all three of the projects.

Ms. Kimes stated that the New Hanover County project is already designed and can be obligated immediately. Also, the Carolina Beach project was designed under another project and will have some simple modifications to obligate the construction money sooner. The City of Wilmington's project is the design of a HAWK signal, which could also go through the design process quickly.

In response to an inquiry by Mr. Anderson, Ms. Kimes stated that everyone will have a 20% local match.

Mr. Kozlosky stated that a recommendation would be brought back for consideration at the Board's next meeting.

c. Wilmington Urban Area MPO 2019 Legislative Agenda

Mr. Kozlosky stated that the proposed MPO 2019 Legislative Agenda is very similar to past legislative agendas. He proposed some language regarding electric scooters, upon which the legislature is expected to take some action during the upcoming session. He added that electric scooters are not permitted to operate on public property or in the streets of the State of North Carolina.

Mr. Anderson pointed out that enforcement is very difficult. He requested to leave it to the local jurisdictions.

Mr. Cannon stated that electric scooters are required to be registered and the companies that operate them tend not to register them.

A lengthy question/answer and discussion period was held.

Mr. Kozlosky stated that staff will bring back some language to the Board for consideration at its next meeting.

d. 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-1

Mr. Kozlosky stated that this item is for informational purposes only and would come back to the Board for consideration at its next meeting.

e. Draft 2020-2029 State/MPO Transportation Improvement Program

Mr. Kozlosky stated that the 2020-2029 draft State/MPO Transportation Improvement Program was released in early January. He noted that several delays have occurred to projects from the 2018-2027 STIP, and some new projects have been added to the program (Greenville Loop/ Greenville Avenue Intersection Improvements, City of Wilmington Traffic Signal System, Kerr Avenue Extension, and partial funding for Gordon Road and the Cape Fear Crossing). He reminded members that this is only a draft, which is susceptible to project delays and cost increases that can change it prior to approval in June or July. He added that NCDOT will hold upcoming meetings.

f. Calendaring of Agenda Items for Board Action

Mr. Kozlosky requested feedback from the Board regarding the calendaring of agenda items.

Chairman Piepmeyer expressed concerns regarding the request for action following complex presentations.

Mr. Anderson expressed concerns regarding lengthening and compressing the timeline relative to the complexity of topics.

Chairman Piepmeyer suggested sending out the agenda to all members farther in advance of the meeting.

Mr. Kozlosky pointed out that the agenda would only be a rough draft.

A question/answer and discussion period was held regarding the ordering of agenda items. It was agreed to calendar any closed sessions after the public comment period.

11. Updates

Mr. Kozlosky stated that updates are included in the agenda packet.

12. Announcements

- WMPO Bicycle and Pedestrian Advisory Committee Meeting: February 12th
- N.C. Ethics Information: Due April 15th (electronic filing will open in February)

- Greater Wilmington Business Journal's Power Breakfast – Topic: Transportation: March 12th (Mike Kozlosky; Karen Collette, NCDOT Division; Albert Eby, Wave Transit; Paul Cozza, NC Ports; Julie Wilsey, ILM; and possibly Uber)
- WMPO Board Meeting: February 27th

Mr. Ellen stated that Military Ocean Terminal Sunny Point (MOTSU) has a draft set of recommendations, one of which is for a representative to participate at WMPO Board meetings.

Mr. Kozlosky stated that a MOTSU representative might participate as a non-voting or ex officio member of the Board and/or the Technical Coordinating Committee (TCC). He noted that he would need to review the bylaws.

Mr. Ellen made a motion to waive the rules and enter into a closed session pursuant to the provisions of General Statute Section 143-318.11(a)(3) in order to consult with Attorney Mark Hamlet and Attorney Matt Nichols regarding the legal matter of Jamestown Pender, LP v. North Carolina Department of Transportation and Wilmington Urban Area Metropolitan Planning Organization, 14CVS528 filed in Pender County, North Carolina. Mr. Miller seconded the motion and it carried unanimously.

The meeting was recessed and went into closed session.

The meeting was reconvened and went into open session with all members present as mentioned above.

Chairman Piepmeyer stated that no action was taken other than to provide direction to Attorney Mark Hamlet and Attorney Matt Nichols regarding the MPO's responses to the legal matter of Jamestown Pender, LP v. North Carolina Department of Transportation and Wilmington Urban Area Metropolitan Planning Organization.

13. Adjournment

With no further business, the meeting was adjourned at 5:22 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

**THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.
THE ENTIRE PROCEEDINGS ARE RECORDED ON A COMPACT DISC AS PART OF THIS RECORD.**



WMPO Direct Attributable Projects 2019 Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) Recommendations



2019 TASA Funds Available \$898,564

Jurisdiction	Amount (DA \$)	Description
New Hanover County	\$244,000	Design of a MUP along Middle Sound Loop & Lendire Road to Ogden Business Park Lane, connecting to the bike lane at Ogden Park
Carolina Beach	\$546,450	Design/construction of the Clarendon Ave. MUP from 4 th Street to Dow Road
City of Wilmington	\$160,000	Design/Install a HAWK Beacon to augment the existing signed/marked crosswalk at US 17 Business (Market Street) at 21 st Street
Total DA funds requested	\$950,450	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF THE FY 2019 TRANSPORTATION
ALTERNATIVE SET ASIDE – DIRECT ATTRIBUTABLE (TASA-DA) FUNDS**

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

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

WHEREAS, Transportation Alternative Set Aside – Direct Attributable (TASA-DA) funds are available for all designated TMAs; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization’s Board adopted the 2017 competitive process and modal target investment strategies on August 31, 2016 and continued to use this process; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization developed a call for projects and received 3 submittals from the MPO’s member agencies for TASA-DA funds; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has reviewed the project submittals.

NOW, THEREFORE, also, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the allocation of the FY 2019 TASA-DA funds to the Town of Carolina Beach for the Clarendon Avenue multi-use path, City of Wilmington for the Market Street at 21st Street signalized pedestrian crossing, and New Hanover County for design of the Ogden Park/Middle Sound Loop Connector projects.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



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MEMORANDUM

TO: MPO Board members

FROM: Mike Kozlosky, Executive Director

DATE: February 21, 2019

SUBJECT: Section 5310 Community Grant Award

On June 27, 2014 the North Carolina Secretary of Transportation designated the Cape Fear Public Transportation Authority as “the designated recipient” of the Persons with Disabilities Funding Program (Section 5310). The allocation of these funds required a Federal Transit Administration (FTA) approved Program Management Plan (PMP) which was adopted by the Cape Fear Public Transportation Authority Board on April 23, 2015 and supported by the MPO Board on June 24, 2015.

Eligible applicants for Section 5310 funding are non-profit organizations, state or local governmental agencies, and private operators of public transportation services. These applicants provide matching funds (80/20 capital or 50/50 operating). The total expected funding level available for this grant award is \$70,608. The 2019 grant applications are due for submission to FTA in March, 2019. The funds are expected to be available in July, 2019.

The Cape Fear Public Transportation Authority received two applications for this funding. The Wave Connect Advisory Committee reviewed and scored both applications and recommends awards to both applicants in the following amount/model:

Award Amounts

New Hanover County (NHC) Senior Resource Center

- \$48,000 Federal funding
- \$12,000 Local match (80/20 matching funds)
- \$60,000 Total project budget
- Accessible Van Trips: 3,085

Brunswick Senior Resources, Inc. (BSRI) Brunswick Center at Leland

- \$22,608 Federal funding
- \$5,652 Local match (80/20 matching funds)
- \$28,260 Total project budget
- Accessible Van Trips: 1,453

The Technical Coordinating Committee approved this recommendation at their February 13, 2019 meeting. Staff recommends Board approval.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE WAVE CONNECT ADVISORY COMMITTEE'S
RECOMMENDATIONS FOR AWARD OF THE SECTION 5310 COMMUNITY GRANT
PROJECT FUNDS**

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

WHEREAS, on June 27, 2014 the North Carolina Secretary of Transportation designated the Cape Fear Public Transportation Authority as “the designated recipient” of the Persons with Disabilities Funding Program (Section 5310); and

WHEREAS, the allocation of Section 5310 funds required a Federal Transit Administration approved Program Management Plan which was adopted by the Cape Fear Public Transportation Authority Board on April 23, 2015 and supported by the MPO Board on June 24, 2015; and

WHEREAS, eligible applicants for Section 5310 funding are non-profit organizations, state or local governmental agencies, and private operators of public transportation services; and

WHEREAS, eligible applicants provide matching funds (80/20 capital or 50/50 operating); and

WHEREAS, the total expected funding level available for this grant award is \$70,608; and

WHEREAS, the Cape Fear Public Transportation Authority received two applications for this funding; and

WHEREAS, the Wave Connect Advisory Committee has reviewed and scored both applications and recommends the New Hanover County (NHC) Senior Resource Center and Brunswick Senior Resources, Inc. (BSRI) Brunswick Center at Leland for this funding.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the WAVE Connect Advisory Committee’s recommendation to provide the Section 5310 funding to the New Hanover County (NHC) Senior Resource Center and Brunswick Senior Resources, Inc. (BSRI) Brunswick Center at Leland.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization’s Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-1 (January 2019)

U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2019 - <u>\$18,500,000 (T)</u> \$18,500,000
U-5954 NEW HANOVER PROJ.CATEGORY REGIONAL	NC 133 (CASTLE HAYNE ROAD), NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT OF WAY UTILITIES CONSTRUCTION	FY 2022 - \$150,000 (T) FY 2022 - \$100,000 (T) FY 2024 - \$1,050,000 (T) FY 2025 - <u>\$1,050,000 (T)</u> \$2,350,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-1 TO THE
2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

WHEREAS, the North Carolina Board of Transportation adopted the 2018-2027 State Transportation Improvement Program on August 3, 2017 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on August 30, 2017; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-1.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-1.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-1 (February 2019)

* EB-6025 BRUNSWICK PROJ.CATEGORY DIVISION	RICE HOPE MULTI USE PATH, MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019	\$24,000 (STBGDA)
			FY 2019	\$6,000 (L)
		RIGHT OF WAY	FT 2019	\$2,000 (STBGDA)
			FY 2019	\$1,000 (L)
		CONSTRUCTION	FY 2020	\$134,000 (STBGDA)
			FY 2020	<u>\$33,000 (L)</u> \$200,000
* EB-6026 BRUNSWICK PROJ.CATEGORY DIVISION	BELVILLE ELEMENTARY MULTI USE PATH, MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING	FY 2019	\$24,000 (TAPDA)
			FY 2019	\$6,000 (L)
		RIGHT OF WAY	FY 2019	\$2,000 (TAPDA)
			FY 2019	\$1,000 (L)
		CONSTRUCTION	FY 2020	\$94,000 (TAPDA)
			FY 2020	<u>\$24,000 (L)</u> \$151,000
* U-6199 NEW HANOVER PROJ.CATEGORY DIVISION	WILMINGTON, WILMINGTON CITYWIDE SIGNAL SYSTEM. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>			

* U-6201 NEW HANOVER PROJ.CATEGORY DIVISION	SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6202 NEW HANOVER PROJ.CATEGORY DIVISION	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
M-0534DIV STATEWIDE PROJ.CATEGORY DIVISION	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE. <u>ADDED AT THE REQUEST OF NCDOT'S HYDRAULICS UNIT.</u>	STATEWIDE	ENGINEERING	FY 2019 - <u>\$600,000</u> (T) \$600,000	
M-0534REG STATEWIDE PROJ.CATEGORY REGIONAL	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE. <u>ADDED AT THE REQUEST OF NCDOT'S HYDRAULICS UNIT.</u>	STATEWIDE	ENGINEERING	FY 2019 - <u>\$600,000</u> (T) \$600,000	

M-0534SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR	STATEWIDE	FY 2019 - \$800,000 (T)
STATEWIDE	THE HIGHWAY FLOODPLAIN PROGRAM (HFP)	ENGINEERING	\$800,000
PROJ.CATEGORY	TO FACILITATE FEDERAL EMERGENCY		
STATEWIDE	MANAGEMENT AGENCY (FEMA) AND NATIONAL		
	FLOOD INSURANCE PROGRAM (NFIP)		
	COMPLIANCE AND FLOOD RESILIENCE.		
	<u>ADDED AT THE REQUEST OF NCDOT'S</u>		
	<u>HYDRAULICS UNIT.</u>		

Wilmington Urban Area Metropolitan Planning Organization
Draft 2019 Legislative Agenda

Transportation Financing

The Wilmington Urban Area MPO supports prioritization and funding for local transportation and infrastructure projects and the need to explore new transportation and infrastructure revenue sources to address the growing needs of the state and the nation. Including, but not limited to road, bridges and highway projects, public transportation, ferry, bicycle and pedestrian infrastructure, beach nourishment, inlet and waterway maintenance, coastal storm damage reduction, port infrastructure, airports, etc.

Corridor Preservation

The Wilmington Urban Area MPO requests the General Assembly identify techniques and continue support corridor protection that is vital implement projects in the state of North Carolina. The MPO requests the North Carolina General Assembly continue to protect the Wilmington Urban Area Metropolitan Planning Organization for the filing of the Transportation Corridor maps for the Hampstead Bypass (R-3300). The MPO also requests the North Carolina General Assembly and North Carolina Department of Transportation provide funding for advanced right-of-way acquisition for larger transportation projects.

Opposition to Transfer of State Road Maintenance

The Wilmington Urban Area MPO respectfully and urgently requests the North Carolina General Assembly reject proposals which would transfer responsibility for large portions of the state's road system to local governments, and weaken or dismantle municipal Powell Bill Street maintenance funding.

Limitation on City Requirements for Street Improvements Related to Schools

Senate Bill 257 included language related to street improvements for schools. The Wilmington Urban Area MPO is concerned that on non-state maintained facilities where improvements related to schools are needed, the funding burden has fallen on the municipalities or the level of service on the roadways will be compromised. The Wilmington Urban Area MPO encourages the General Assembly to review this language and seek solutions to address this funding concern.

Moped Legislation

The Wilmington Urban Area MPO supports the North Carolina Department of Transportation's policy recommendation of restricting mopeds on public roadways with posted speed limits of 45 mph or greater. The MPO also encourages the North Carolina General Assembly to implement laws that regulate the use of mopeds in a manner that promotes the safety and welfare of the citizens and visitors of North Carolina and pursue education and clarity on existing regulations for mopeds, golf carts, and low-speed vehicles.

Electric Scooter Legislation

The Wilmington Urban Area MPO supports the use of electric scooters to provide an alternative mode of transportation so long as the scooters are used in a safe and responsible manner, do not create visual clutter, and do not block parking or ADA accessibility. The allowance and/or use of electric scooters should be subject to local government control through their adopted codes and ordinances.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE 2019 LEGISLATIVE AGENDA

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

WHEREAS, in an effort to maintain and enhance the transportation infrastructure and quality of life enjoyed by the citizens and visitors of the Wilmington region, the Wilmington Urban Area Metropolitan Planning Organization's Board is committed to working in partnership with our colleagues, other governmental entities and local, state and federal delegation; and

WHEREAS, local governments, the North Carolina General Assembly and the United States Congress all play essential roles in helping the region provide efficient transportation systems; and

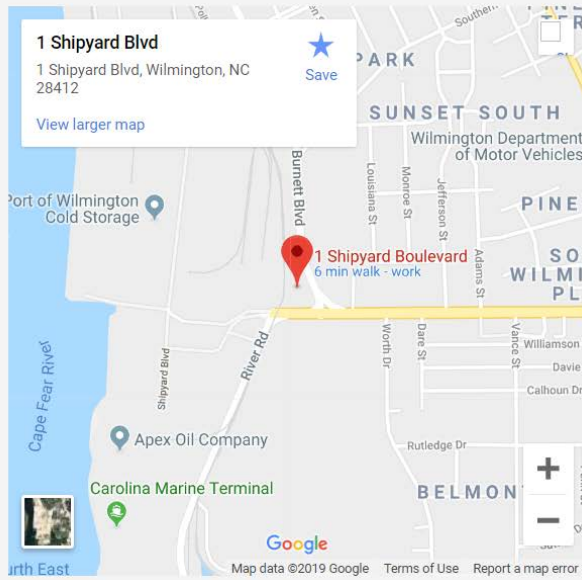
WHEREAS, to facilitate these productive relationships with our local, state and federal partners, the Wilmington Urban Area Metropolitan Planning Organization established a legislative agenda to share with our delegation in the North Carolina General Assembly and United States Congress.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2019 Legislative Agenda.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on February 27, 2019.

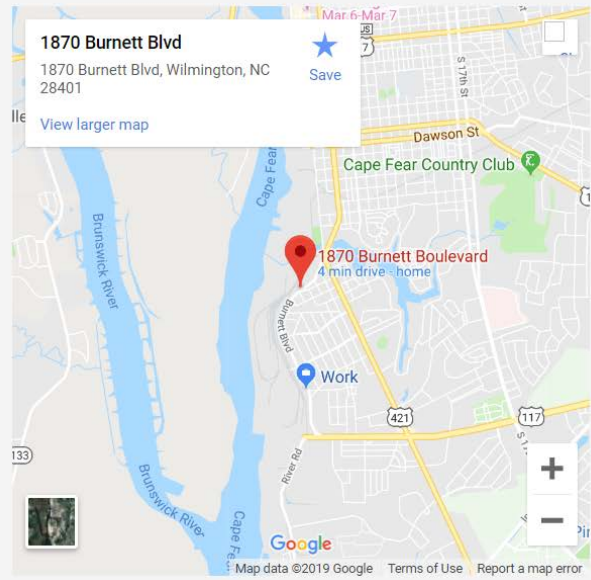
David Piepmeyer, Chair

Mike Kozlosky, Secretary



Port of Wilmington Container Terminal

1 Shipyard Boulevard
Wilmington, NC 28401



Port of Wilmington General Cargo Terminal

1870 Burnett Boulevard
Wilmington, NC 28401

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA STATE PORTS AUTHORITY'S
GRANT APPLICATIONS FOR THE UNITED STATES DEPARTMENT OF
TRANSPORTATION'S FY19 BETTER UTILIZING INVESTMENTS TO LEVERAGE
DEVELOPMENT (BUILD) AND INFRASTRUCTURE FOR REBUILDING AMERICA (INFRA)
PROGRAMS TO FUND CONTAINER GATE IMPROVEMENTS AT THE PORT OF
WILMINGTON**

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

WHEREAS, the North Carolina State Ports Authority owns and operates an ocean port terminal in Wilmington, North Carolina in New Hanover County and the operation of such a terminal is a tremendous catalyst for economic growth and development throughout North Carolina and the region; and

WHEREAS, the North Carolina State Ports Authority's contributed more than \$15.4 billion in annual economic contribution to the state's economy constituted by goods moving through the port facilities and supported 87,700 full-time jobs at North Carolina businesses; and

WHEREAS, to service existing customers and accommodate growing container volumes at the Port of Wilmington, a faster and more reliable multimodal transportation connection at the Port of Wilmington is required; and

WHEREAS, leveraging federal investments to increase capacity through this growing economic hub streamlines the transportation network, makes best use of new technology, and creates more efficiency in goods movement to improve the economic vitality of the region; and

WHEREAS, the North Carolina State Ports Authority, in coordination with the North Carolina Department of Transportation, is preparing a grant application for the United States Department of Transportation's FY19 Better Utilizing Investments to Leverage Development (BUILD) and Infrastructure for Rebuilding America (INFRA) programs to fund multimodal gate improvements at the Port of Wilmington.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the container gate improvements at the Port of Wilmington.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION'S EFFORTS TO FUND RESILIENT IMPROVEMENTS TO
INTERSTATE 40 AND INTERSTATE 95**

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

WHEREAS, the Fixing America's Surface Transportation (FAST) Act is the current federal transportation legislation and replaced the Moving Ahead for Progress in the 21st Century (MAP-21) Act; and

WHEREAS, the FAST Act's final rule amends the existing planning regulations to add new planning factors for States and MPOs to consider - Improve resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and enhance travel, and tourism; and

WHEREAS, Hurricane Florence made landfall on the North Carolina coast on September 14, 2018 as a Category 1 hurricane; and

WHEREAS, as a result of this hurricane and associated flooding, the Wilmington and Fayetteville regions was isolated from the remainder of the state and travel in the state was significantly impacted and/or re-routed; and

WHEREAS, in an effort to address the resiliency and reliability of our transportation system, the North Carolina Department of Transportation is studying improvement options and seeking funding from a multitude of state and federal funding sources for I-40 and I-95-to address these flooding and accessibility issues.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's efforts to secure state and federal funding to fund improvements to Interstate 40 and Interstate 95.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Bike Ped Segments

Project #	ADT	Project Name	Project Type	From	To	Segment Length (Ft)	Lane Width (Ft)	Median Width (Ft)	On Street Parking (Ft if applicable)	MUP (Width in Ft, if applicable)	Sidewalk (Width in Ft, if applicable)	Number of pedestrian signals needed	Signalized or not signalized	Crosswalk Length (all legs)	Bike Lane (Width in Ft, if applicable)	Crosswalk (Width in Ft, if applicable)	Grosswalk (Type, painted or stamped, if applicable)	Type Section Detail #
BP-1	5,000	5th Ave Bike Lane	On Street Bike Lane	Cambell Street	Greenfield Lake Park	10,975									5' (Each Side)			NHC Greenway Plan 5-48
BP - 12		US - 17 (Market St.) MUP	MUP	Ploof Rd.	Ocean Gate Plaza	1,400				10' paved								Leland Ped Plan A- 24
BP-13		West Gate Park Connector MUP	MUP	West Gate Dr	Wire Rd	3750				10' paved								Leland Ped Plan A- 24
BP-14,285		SR - 1209 (Independence Blvd) MUP Ph I	MUP	River Rd	US 421 (Carolina Beach Rd)	6520				10' paved								NHC Greenway Plan 5-7
BP-15		SR - 1209 (Independence Blvd) MUP Ph II	MUP	US 421 (Carolina Beach Rd)	S 17th St	4000				10' paved								NHC Greenway Plan 5-7
BP-16		SR - 1209 (Independence Blvd) Extension MUP	MUP	Randall Pkwy	South of MLK Jr Pkwy	8350				10' paved								NHC Greenway Plan 5-7
BP-28		US - 76 (Causeway Dr) Bicyclist Improvements	Streetscape/Road Diet	Airlie Rd	14' travel lane (1 per direction) with 11' center turn lane	7050		None	8' (south side only)	12' paved								WB Community Plan Causeway Dr Alternative 2
BP-35		US - 117/NC 132 (S. College Rd) MUP Ph I	MUP	Hurst Dr	Waynick Blvd	3170				10' paved								NHC Greenway Plan 5-7
BP-36		US - 117/NC 132 (S. College Rd.) MUP Ph II	MUP	Randall Pkwy	New Centre Dr	2500				10' paved								NHC Greenway Plan 5-7
BP-39		Burnt Mill Creek MUP	MUP	Market ST	Archie Blue Park	6520				10' paved								NHC Greenway Plan 5-7, 3-21
BP - 42		Jenkins Road BikePed	Bike Lanes and Sidewalk	US 17	St. Johns Church Rd.	835					5' (Each Side)				5' (Each Side)			Pender County Collector Street Plan Figure 27
BP -43		St. Johns Church Rd. BikePed	Bike Lanes and Sidewalk	Jenkins Rd.	end	1760					5' (Each Side)				5' (Each Side)			Pender County Collector Street Plan Figure 27
BP-45	7,500	SR - 2313 (Wishire Blvd) BikePed Improvements	Bike Lanes and Sidewalk	Wrightsville Ave	Kerr Ave	5400					5' (Each Side)				5' (Each Side)			NHC Greenway Plan 5-47
BP-49		Peachtree Ave MUP	MUP	S Kerr (BP 457)	Hugh McRae Park	1660				10' paved								NHC Greenway Plan 5-7
	*Would be picked up as a roadway project (Access Management). Runs parallel with MUP on Park Ave., geared towards a different user group																	
BP-52		US - 76 (Oleander Dr) BikePed Improvements	Bike Lanes and Sidewalk (from 39th St to 42nd St)	Hawthorne Rd	42nd St	5600					5' (Each Side)				5' (Each Side)			NHC Greenway Plan 5-47
BP- 56		Clarendon Ave MUP	MUP	Dow St.	4th St.	2700				10' paved								CB Ped Plan: A.1.2 Sidepaths
BP-97		Plantation Road MUP	MUP	Crooked Pine Rd	End of Plantation Rd (East End)	11000				10' paved								NHC Greenway Plan 5-7
BP - 131		Lossen Lane MUP	MUP	Old Fayetteville Rd.	Old Village Rd.	1460				10' paved								NHC Greenway Plan 5-7, 5-38
BP - 146		Halifax Rd. BikePed Improvements	Bike Lanes and Sidewalks	Lake Ave.	Fordham Rd.	2800					5' (Each Side)				5' (Each Side)			NHC Greenway Plan 5-47
BP-147		Central Blvd/Morningside Dr BikePed Improvements	Sharrows/MUP	Burnett Blvd	Yaupon Dr	6100				10' paved								NHC Greenway Plan 5-7
BP - 165		SR - 1516 (Navaho Trail) MUP	MUP	Masonboro Loop (north)	Masonboro Loop (south)	13,095				10' paved								NHC Greenway Plan 5-7
BP-178		SR - 1336 (Sidbury Rd) BikePed Improvements	Bike Lanes and Sidewalks	US 17	Dairy Farm Rd	35,000					5' (Each Side)				5' (Each Side)			Pender County Collector Street Plan Figure 24
BP - 179/209		Hampstead Bypass MUP	MUP	Dairy Farm Rd.	Old Whitfield Rd.	82,000				10' paved								NHC Greenway Plan 5-7
BP - 180		US -117/NC 133 (Castle Hayne Rd.) MUP	MUP	US 117	NC 210	13,500				10' paved								Pender County Collector Street Plan Figure 24
BP-193		Lake Ave BikePed Improvements	Sidewalks (from Halifax to 41st St)	Halifax Rd	College Rd	3,250					5' (Each Side)				5' (Each Side)			NHC Greenway Plan 5-47
BP 201		US - 117/NC 133 (Castle Hayne Rd.) MUP	MUP	NC 210	Cheshire Rd.	12,000				10' paved								Pender County Collector Street Plan Figure 24
BP-206		SR - 1002 (Island Creek Rd.) BikePed Improvements	Bike Lanes and Sidewalks	US 17	Royal Oak Ct	18,200					5' (Each Side)				5' (Each Side)			Pender County Collector Street Plan Figure 24
BP - 212		US - 117/NC 132 (N. College Rd.) MUP	MUP	NC 210	NC 133	19,000				10' paved								Pender County Collector Street Plan Figure 24
BP - 223		SR - 1569 (Hoover Rd.) MUP	MUP	US 17	Tim Moore Dr.	5,200				10' paved								Pender County Collector Street Plan Figure 24
BP - 224		SR - 1569 (Hoover Rd.) MUP	MUP	Tim Moore Dr.	Highlands Dr.	7,200												Pender County Collector Street Plan Figure 24
BP-233	6,000	Floral Pkwy BikePed Improvements	Bike Lanes and Sidewalks	Entrance	Wrightsville Ave	2,660				10' paved	5' (Each Side)				5' (Each Side)			NHC Greenway Plan 5-47

Bike Ped Intersections

Intersection Project #	Project Name	Project Type	Curb Ramps (each)	Pedestrian Signals (each)	Crosswalk Length (Ft)	Crosswalk (Width in Ft)	Crosswalk (Painted or stamped)
BP - 560	US - 421 (Carolina Beach Rd and Halyburton Pkwy) BikePed Crossing Improvements	BikePed Crossing at signalized intersection	10	8	350	10	painted
BP - 561	US - 421 (Carolina Beach Rd.) & SR - 1492 (Myrtle Grove Rd.)	BikePed Crossing at signalized intersection	4	4	250	10	painted
BP - 563	US - 76 (Causeway Dr.) & US - 74 (W. Salisbury St.)	Crosswalk Improvement	4	4	200	10	painted
BP - 572	US - 421 & Isabel Holmes Bridge	Crossing Improvement	2	2	185	10	painted
BP - 574	Drysdale Dr & SR - 1409 (Military Cutoff Rd.)	Crosswalk Improvement	4	Not signalized	115	10	painted
BP - 577	SR - 1363 (Bayshore Dr.) & US - 17 (Market St.)	Crosswalk Improvement	4	6	300	10	painted
BP - 579	SR - 1409 (Military Cutoff Rd.) & Station Rd	Crosswalk Improvement	4	4	118	10	painted
BP - 580	Rd.) and Mateo Dr. Pedestrian Crossing	Ped. Crossing Improvements	2	8	465	10	painted
BP - 581	US 421 (Carolina Beach Rd.) & US - 117/NC - 132 (S. College Rd.)	Crosswalk Improvement	8	8	620	10	painted
BP - 584	US - 117/NC - 132 (S. College Rd.) & Shopping Center Entrance	Crosswalk Improvement	6	6	350	10	painted
BP - 589	US - 421 (Carolina Beach Rd.) and US - 117 (Shipyard Blvd.) Pedestrian Crossing Improvements	Ped. Crossing Improvements	2	4	250	10	painted
BP - 590	SR 1409 (Military Cutoff Rd.) & SR - 1411 (Wrightsville Ave.)	Crosswalk Improvement	2	2	85	10	painted
BP - 591	Greenville Loop Rd. & US - 76 (Oleander Dr.)	Crosswalk Improvement	2	2	90	10	painted
BP - 594	US - 421 (Carolina Beach Rd.) & SR - 1209 (Independence Blvd.)	Ped. Crossing Improvements	6	6	350	10	painted
BP - 597	SR - 1217 (17Th St.) & Glen Meade Rd	Crosswalk Improvement	4	8	360	10	painted
BP - 604	Lewis Dr & US - 421 (Lake Park Blvd.)	Crosswalk Improvement	6	6	250	10	painted

BP - 700	US - 17 BUS (Market St.) & Lullwater Dr.	Crosswalk Improvement	In-place		NA	10	
BP - 722	N. 3rd St. & Red Cross St.	Crosswalk Improvement	In-place		NA	10	
BP - 744	10th St. & US - 76 (Dawson St.)	Crosswalk Improvement	4	6	165	10	painted
BP - 754	SR - 1301 (Princess Place Dr.) and 30th. St.	Crosswalk Improvement	in-place	8	30	10	painted
BP - 765	10th St. & US - 76 (Wooster St.)	Crosswalk Improvement	4	6	165	10	painted
BP - 774	SR - 1409 (Military Cutoff Rd.) & Sir Tyler Dr.	Crosswalk Improvement	4	4	132	10	painted
BP - 775	SR - 1409 (Military Cutoff Rd.) & Destiny Way/Fresco Dr.	Crosswalk Improvement	4	4	132	10	painted
BP - 788	3rd St. & Brunswick St.	Crosswalk Improvement	in-place	In Place	in place	10	in-place
BP - 792	US - 17 BUS (Market St.) & SR - 2219 (N. Green Meadows Dr.)	Crosswalk Improvement	4	4	160	10	painted
BP - 795	SR - 2048 (Gordon Rd.) & SR - 2698 (Netherlands Dr.)	Crosswalk Improvement	4	4	160	10	
BP - 834	SR - 1539 (Ocean Ave.) & Island Greenway	Crosswalk Improvement		Not signalized	25	10	painted
BP - 838	US - 17 (Ocean Hwy E.) & Olde Waterford Way/SR - 1566 (Ploof Rd. SE)	Crosswalk Improvement	4	4	280	10	painted
BP - 839	US - 17 (Ocean Hwy E.) & W. Gate Dr./Grandiflora Dr.	Crosswalk Improvement	6	6	350	10	painted
BP - 842	US - 17 (Ocean Hwy E.) & SR - 1438 (Lanvale Rd. NE)/Provision Parkway	Crosswalk Improvement	12	12	584	10	painted
BP - 843	SR - 1573 (K Ave.) & US - 421 (Fort Fisher Blvd N.)	Crosswalk Improvement	9	8	260	10	painted
BP - 845	Harper Ave.& Canal Dr. Intersection Improvements	Crosswalk Improvement	2	2	in place	10	
BP - 846	St. Joseph St. & US - 421 (N. Lake Park Blvd.) Intersection Improvements	Crosswalk Improvement	in-place	Not signalized	40	10	painted

BP - 849	US - 421 (S. Lake Park Blvd.) and Driftwood Ln. Intersection Improvements	Crosswalk Improvement	2	Not signalized	40	10	painted
BP - 851	US - 421 (S. Lake Park Blvd.) & North Carolina Ave. Intersection Improvements	Crosswalk Improvement	2	Not signalized	40	10	painted
BP - 852	US - 421 (S. Lake Park Blvd.) & South Carolina Ave. Intersection Improvements	Crosswalk Improvement	2	Not signalized	40	10	painted
BP - 853	US - 421 (S. Lake Park Blvd.) & Texas Ave. Intersection Improvements	Crosswalk Improvement	2	Not signalized	40	10	painted
BP - 854	Harper Ave. & N. 7th St. Intersection Improvements	Crosswalk Improvement	2	Not signalized	40	10	painted
BP - 855	US - 421 (Carolina Beach Rd.) & Echo Farms Blvd./George Anderson Crossing Improvements	Crosswalk Improvement	12	8	500	10	painted

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING THE CAPE FEAR MOVING FORWARD 2045 PLAN'S BICYCLE
AND PEDESTRIAN MODAL PROJECT LIST**

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

WHEREAS, development and maintenance of a long-range metropolitan transportation plan is a key federal requirement of all Metropolitan Planning Organizations (MPOs) designated by the Federal Highway Administration (FHWA); and

WHEREAS, on November 18, 2015 the Wilmington Urban Area Metropolitan Planning Organization adopted the fiscally constrained Cape Fear Transportation 2040 Metropolitan Transportation Plan to satisfy FHWA's requirements; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is in the process of developing Cape Fear Moving Forward 2045 to meet the FHWA requirement for updating the metropolitan transportation plan within five years of adoption of the last plan; and

WHEREAS, in January 2019 the MPO Board approved the Cape Fear Moving Forward 2045 modal project lists for five different modes of transportation which include: Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway; and

WHEREAS, with guidance from the modal subcommittee of subject matter experts, the Citizens Advisory Committee has developed the Cape Fear Moving Forward 2045 modal project list for the Bicycle and Pedestrian projects; and

WHEREAS, planning level cost estimates will be developed for each of these projects; and

WHEREAS, these modal project lists are preliminary project lists to be scored and ranked for the prioritization of potential projects to be included within the metropolitan transportation plan; and

WHEREAS, the Citizen Advisory Committee has reviewed and approved this list for further consideration.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the Cape Fear Moving Forward 2045 Bicycle and Pedestrian modal project list.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on February 27, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Date: _____

Project Information:

Project Name: _____

Project Location: _____

TIP ID: _____ Total Project Cost: _____ Requested DA Funding: _____

DA Funding Program: ☐ STBGP ☐ TASA

Applicant: _____

Project Manager: _____

Contact Person: _____

Project Description:

Problem Statement:

STBGP Eligibility

Eligible	Criteria Description	Applicable Functional Class							
		Interstate	Other Freeway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	N/A
<input type="checkbox"/>	Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for highways, including construction of designated routes of the Appalachian development highway system and local access roads under section 14501 of title 40.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Replacement (including replacement with fill material), rehabilitation, preservation, protection (including painting, scour countermeasures, seismic retrofits, impact protection measures, security countermeasures, and protection against extreme events) and application of calcium magnesium acetate, sodium acetate/formate, or other environmentally acceptable, minimally corrosive anti-icing and de-icing compositions for bridges (and approaches to bridges and other elevated structures) and tunnels on public roads of all functional classifications, including any such construction or reconstruction necessary to accommodate other transportation modes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Inspection and evaluation of bridges and tunnels and training of bridge and tunnel inspectors (as defined in section 144), and inspection and evaluation of other highway assets (including signs, retaining walls, and drainage structures).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<input type="checkbox"/>	Capital costs for transit projects eligible for assistance under chapter 53 of title 49, including vehicles and facilities, whether publicly or privately owned, that are used to provide intercity passenger service by bus.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Carpool projects, fringe and corridor parking facilities and programs, including electric vehicle and natural gas vehicle infrastructure in accordance with section 137, bicycle transportation and pedestrian walkways in accordance with section 17, and the modifications of public sidewalks to comply with ADA.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Highway and transit safety infrastructure improvements and programs, installation of safety barriers and nets on bridges, hazard eliminations, projects to mitigate hazards caused by wildlife, and railway-highway grade crossings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Capital and operating costs for traffic monitoring, management, and control facilities and programs, including advanced truck stop electrification systems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Transportation alternatives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Transportation control measures listed in section 108(f)(1)(A) (other than clause (xvi)) of the Clean Air Act (42 U.S.C. 7408(f)(1)(A)).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Environmental mitigation efforts relating to projects funded under this title in the same manner and to the same extent as such activities are eligible under section 119(g)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Projects relating to intersections that - (A) have disproportionately high accident rates; (B) have high levels of congestion, as evidenced by - (i) interrupted traffic flow at the intersection; and (ii) a level of service rating that is not better than "F" during peak travel hours, calculated in accordance with the Highway Capacity Manual issued by the Transportation Research Board; and (C) are located	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TASA Eligibility

Eligible	Criteria Description	Applicable Functional Class							
		Interstate	Other Freeway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	N/A
<input type="checkbox"/>	Construction, planning, and design of on-road and off- road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Construction, planning, and design of infrastructure- related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to - (i) address stormwater management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff, including activities described in sections 133(b)(11), 328(a), and 329; or (ii) reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Project Preference Points: (19 point maximum)

a. Number of Years Project Application has been submitted and has not been awarded funds:

- ☐ 1st Year applying for funds for this project (0 points)
- ☐ 2nd Year applying for funds for this project (1 point)
- ☐ 3rd Year applying for funds for this project (2 points)
- ☐ 4th year applying for funds for this project (3 points)
- ☐ 5th or more year applying for funds for this project (5 points)

b. Local Match Percentage:

- ☐ 50% Match or greater (5 points)
- ☐ 40% Match (3 points)
- ☐ 30% Match (1 point)
- ☐ 20% Match (0 points)

c. Mandatory Project Manager Training Attendance:

- ☐ Identified project manager attended (Requirement Met)
- ☐ Identified project manager did not attend (Disqualified)

d. Project Manager Experience:

- ☐ Project manager has demonstrated experience managing NCDOT/FHWA projects.
(attach project resume) (3 points)
- ☐ Project Manager has no demonstrated experience with NCDOT/FHWA projects. (0 points)

f. Project Horizon Year on LRTP:

- ☐ Project not on LRTP (0 points)
- ☐ 2030-2040 (1 point)
- ☐ 2020-2030 (3 points)
- ☐ 2010-2020

(WMPO INTERNAL USE ONLY) Total Preference Points: / 19

2. Project Readiness: (11 point maximum)**a. Project Development Stage**

- ☐ Has not started (0 Points)
- ☐ Design/Survey/Construction Documents (1 point)
- ☐ ROW acquisition (3 points)
- ☐ Bid Phase (5 points)

b. Right-of-Way / Easement Dedication

- ☐ No additional right-of-way needed (3 points)
- ☐ Minimal additional right-of-way needed (< 5 parcels) (1 point)
- ☐ Significant right-of-way needed (= or > 5 parcels) (0 points)

c. Utility Impacts / Relocations

- ☐ No significant impacts (i.e. adjustment of manholes and valves, etc.) (3 points)
- ☐ Minimal impacts (i.e. relocation of small service lines, etc.) (1 point)
- ☐ Significant impacts (i.e. relocation of transmission lines, transformers, etc.) (0 points)

Disqualified: Yes No**(WMPO INTERNAL USE ONLY) Total Project Readiness Points:** / 11**3. Congestion and Mobility: (26 point maximum)****a. Congestion Management Plan**

- ☐ Project not in vicinity of Plan Segment (0 points)
- ☐ Project in vicinity of segment ranking 20-30 (1 point)
- ☐ Project in vicinity of segment ranking 10-20 (3 points)
- ☐ Project in vicinity of segment ranking in top 10 (5 points)

b. Volume to Capacity Ratio of Roadway/Intersection or Adjacent/Parallel Roadway Segment

- ☐ $V/C > 1$ (3 points)
- ☐ $0.5 < V/C < 1$

<input type="checkbox"/> $0 < V/C < 0.5$	(1 point)
	(0 points)
c. Estimated Volume to Capacity Ratio Reduction resulting from Project	
<input type="checkbox"/> >10%	(0 points)
<input type="checkbox"/> 10%	(1 point)
<input type="checkbox"/> 20%	(3 points)
<input type="checkbox"/> 30%+	(5 points)
d. Travel Demand (Provide documentation – i.e. photos, traffic counts, etc.)	
<input type="checkbox"/> Yes – Provides/expands a facility where a documented demand is present (i.e. goat path, etc.)	(5 points)
<input type="checkbox"/> No – Does not have documented demand.	(0 points)
e. Closing a Gap / Extensions	
<input type="checkbox"/> Closing an internal gap in total facility/route length > 2 miles	(3 points)
<input type="checkbox"/> Closing an internal gap in total facility/route length > 0.5 miles	(1 point)
<input type="checkbox"/> Extension making total facility/route length > 2 miles	(3 points)
<input type="checkbox"/> Does not close gap and proposed facility/route length > 2 miles	(0 points)
f. Major Obstacles	
<input type="checkbox"/> Provides/improves connection/route across or along a river, railroad, or limited-access freeway	(5 points)
<input type="checkbox"/> Implementation of a documented collector street plan	(5 points)
or	
<input type="checkbox"/> Provides proper connection across a multi-lane facility	(5 points)
or	
<input type="checkbox"/> Provides separation of transit from other traffic (i.e. bus pullouts, transit lanes, etc.)	(5 points)
<input type="checkbox"/> None	(0 points)
(WMPO INTERNAL USE ONLY) Total Congestion and Mobility Points: / 26	

4. Accessibility: (17 point maximum)	
a. ADA Compliance	
<input type="checkbox"/> Project provides upgrades to existing facilities to be ADA compliant	(3 points)
or	
<input type="checkbox"/> Project provides ADA compliant connection to transit or pedestrian facility	

	or	(3 points)
<input type="checkbox"/>	No improvements to bring facility into ADA compliance	(0 points)
b. Proximity to School (only for projects that include pedestrian facility improvements – Item a)		
<input type="checkbox"/>	Project is located within ½ mile of a school(s) _____ (# of Schools) x 3 points each = _____	_____
<input type="checkbox"/>	Project is located within 1 mile of a school(s) _____ (# of Schools) x 2 points each = _____	_____
<input type="checkbox"/>	Project is located within 1 ½ mile of a school(s) _____ (# of Schools) x 1 point each = _____	_____
<input type="checkbox"/>	Project is not located within 1 ½ mile of a school(s)	(0 points)
c. Bicycle / Pedestrian Generators (only for projects that include ped/transit facility improvements)		
<input type="checkbox"/>	Project is located within ½ mile of a Residential Area, Park/Playground/Recreation Center, Library, Shopping/Retail & Services, or Business Park/Office/Hospital. _____ (# of Generators) x 1 point each = _____	_____
<input type="checkbox"/>	Project is not located within ½ mile of any residential areas, park/playground/recreation center, Libraries, Shopping/retail and services, or business parks/offices/hospitals.	(0 points)
(0 points)		
(WMPO INTERNAL USE ONLY) Total Accessibility Points: / 17		

5. Safety: (11 point maximum)		
a.	Number of Crashes	
	_____ % Pedestrian	_____ % Vehicle Only
<input type="checkbox"/>	More than 14 accidents or 1 fatality have been recorded within project limits	(5 points)
<input type="checkbox"/>	5 – 14 accidents have been recorded within project limits	(3 points)
<input type="checkbox"/>	Less than 5 accidents have been recorded within project limits	(1 point)
<input type="checkbox"/>	No accidents have been recorded within project limits	(0 points)
c.	Crash Reduction Factors	
<input type="checkbox"/>	CRF< 10%	(0 points)
<input type="checkbox"/>	CRF> 10%	(1 point)
<input type="checkbox"/>	CRF> 20%	(2 points)
<input type="checkbox"/>	CRF> 30%	(3 points)
<input type="checkbox"/>	CRF> 40%	(3 points)

<input type="checkbox"/> CRF > 50%	(4 points)
	(5 points)
(WMPO INTERNAL USE ONLY) Total Safety Points: / 11	

6. Sustainability: (9 point maximum)	
a. Maintenance Plan – Project has a documented maintenance plan	
<input type="checkbox"/> Yes	(3 points)
<input type="checkbox"/> No	(0 points)
<input type="checkbox"/> No	(0 points)
(WMPO INTERNAL USE ONLY) Total Sustainability Points: / 9	

(WMPO INTERNAL USE ONLY) Total Project Points:	/ 93
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Project Cost Table							
Cost of NEPA/Design Phase: Cost of Right-of-Way Phase: Cost of Construction Phase:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Total Cost of Project:</td> <td style="border: 1px solid black; width: 100px;"></td> </tr> <tr> <td style="text-align: right;">Local Match Percentage:</td> <td style="border: 1px solid black; text-align: center;">%</td> </tr> <tr> <td style="text-align: right;">Total Fund Request :</td> <td style="border: 1px solid black;"></td> </tr> </table>	Total Cost of Project:		Local Match Percentage:	%	Total Fund Request :	
Total Cost of Project:							
Local Match Percentage:	%						
Total Fund Request :							

Funding Year Request (Federal Amount requested per Phase per Fiscal Year)			
Federal Fiscal Year	NEPA/Design Phase	Right-of-Way Phase	Construction Phase
FY 20			
FY 21			

FY 22			
FY 23			
FY 24			
Total Cost			

Cost Effectiveness - Benefit / Cost Ratio

The following formula will be used to determine project ranking:

$$\frac{(\text{Total Points} - \text{Preference Points})}{\text{Project cost} / [(.0102 \times \text{Project Cost}) + 4622.2]} + \frac{\text{Preference Points}}{19} = \underline{\hspace{2cm}}$$

(WMPO INTERNAL USE ONLY) Total Cost Effectiveness Points:



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

February 1, 2019

Project Description

The Cape Fear Crossing project is proposed as a roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River. The project is programmed in the 2018-2027 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.

The following list includes tasks during the month of January:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis are ongoing.
- Updated construction and ROW costs have been developed and will be included in the Draft Environmental Impact Statement (DEIS).
- The DEIS has been reviewed by the Attorney General's (AG) office, NCDOT technical disciplines and FHWA-NC, and is currently being reviewed by FHWA Legal Sufficiency.
- Public hearing maps and other meeting materials are currently being prepared for the Public Hearing, to be held after the DEIS is approved and distributed.

Upcoming Activities

- The DEIS will be revised per comments received from FHWA Legal Sufficiency.
- The project team will coordinate with SHPO to update Section 106 concurrence on historic properties on 2/12/19.
- Once the DEIS is signed and the public hearing held, FHWA and NCDOT will meet with environmental and regulatory resource agencies to determine the Least Environmentally Damaging Practicable Alternative (LEDPA)/Preferred Alternative.

Past Activities

- A newsletter was sent on 12/21/18 to notify citizens of the remaining alternatives under study and the project schedule.
- The project team coordinated with the SHPO on 10/30/18 regarding two new properties identified that are eligible for the National Register of Historic Places (NRHP).
- The Air Quality Report was finalized on 10/09/18.
- The Red-Cockaded Woodpecker Foraging Habitat Analysis was finalized on 9/26/18.
- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – "Bridging Decisions and Alignment Review" on 5/30/17; final concurrence on Concurrence Point 2A was received on 8/17/17.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – "Purpose and Need and Study Area Defined" on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – "Detailed Study Alternatives Carried Forward" on 2/10/14.
- Technical documents that have been finalized are available on the project website under "Project Documents."

Contact Information

NCDOT – John Conforti, jgconforti@ncdot.gov, 919.707.6015; AECOM – Joanna Rocco, joanna.rocco@aecom.com, 919.239.7179; Website: <https://www.ncdot.gov/projects/cape-fear-crossing>; Email: capefear@ncdot.gov; Hotline: 1.800.233.6315

WILMINGTON MPO
TRANSPORTATION PLANNING
FEBRUARY 2019

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 3rd and July 31st. 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, 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.

Next Steps:

- Modal Subcommittees are in various stages of developing scoring criteria and policies. The development of scoring criteria and modal policies are anticipated to be completed and presented to the CAC by April 2019.
- The CAC will consider recommendations of alternative funding sources in March 2019.
- A red line, fiscal constraint analysis of ranked modal projects, including opportunities for projects utilizing supported alternative funding sources will be prepared and reviewed by the CAC, TCC, and Board in early Summer 2019.
- Adoption in November 2020

LELAND STREET DESIGN STANDARDS MANUAL

Project Description/Scope: The Town of Leland is partnering with the Wilmington Urban Area MPO for the development of street design manual. These guidelines will guide new development towards the construction of streets that better align with the town's values in terms of connectivity, multi-modal activity, maintenance, design, and safety. The Leland Street Design Manual will include conceptual tables/graphics which will more easily convey the impact of standards on the physical landscape to the public and elected officials. A public meeting was held on December 4th to review the draft materials. The document was revised and a follow-up meeting was held on February 20th. Staff from the Town continues to work on the development of these standards. MPO staff met with the Town on May 22nd. The Town provided the MPO with a list of questions, proposed changes and comments. The MPO responded and the Town continues to review the document.

Next Steps:

- Continue to update the guidelines/manual per guidance from the Town of Leland

NORTHEAST NEW HANOVER COUNTY FUTURE STREET PLAN

Project Description/Scope: New Hanover County and the Wilmington Urban Area MPO are partnering to develop a Future Street Plan for Northeastern New Hanover County. This plan will serve as a framework for a future street system in the study area by examining how well the existing transportation system performs, developing multi-modal street design guidelines, and creating strategies for integrating land use and transportation development. The MPO and County have received

a draft plan from the consultant. The County Planning staff are meeting with stakeholders. The plan is being revised by the County to meet our needs.

Next Steps:

- Finalize Draft Plan in Spring 2019
- Present information to New Hanover County Planning Board and Board of Commissioners

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: 3 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 2 reviews
- Town of Leland Informal Reviews: 1 reviews
- 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: 23 total (New Hanover County 4, City of Wilmington 13, Carolina Beach 0, Leland 0, Navassa 1, and Pender County 4, Brunswick County 1) ; new 4 and ongoing 19
- Pender County Development Plan Reviews: 2 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 75 (15 new, 60 on-going)
- City of Wilmington Informal Reviews: 24 (5 new, 19 on-going)
- City of Wilmington Concept Reviews: 11 (10 new concept reviews- 1 on-going concept)
- COW Project Releases: 11 Full releases

STBGP-DA/TASA-DA FY 2013 to Present

STBGP-DA

U-5534B - CITY OF WILMINGTON- HEIDI TRASK DRAWBRIDGE (Under Construction)

Project Descriptions/Scope: This project consists of construction of a public walkway/pier underneath the Heidi Trask Drawbridge to provide for a safe crossing for cyclists and pedestrians across US 74 (Wrightsville Avenue) on the mainland side of the drawbridge in Wilmington.

Project Status and Next Steps:

- Project is substantially complete

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE (Design)

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:

- 100% plan comments sent back to Engineer
- Specifications comments sent back to Engineer
- R/W acquisition completed Spring 2018
- The engineering firm is performing a QA/QC check on the plans to correct issues. Once revisions are received a new let date will be set

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP (Design)

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:

- 100% Plan approval received
- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4th, 2018
- Town staff has discovered that approved plans do not show inverts of existing sanitary sewer lines and thus these drawings do not identify potential conflicts that may exist between new storm sewer lines and the existing sanitary sewer lines.
- Staff is currently investigating any possible utility conflicts that will need to be addressed on the drawings prior to bidding.
- Project Let winter of 2018

U-5534E & L - TOWN OF CAROLINA BEACH - ISLAND GREENWAY AND HARPER AVENUE BIKE LANES (Under Construction)

Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard

Project Status and Next Steps:

- Construction is complete with the exception of fencing with an anticipated completion date of late February-early March.

U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II (Design)

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 and Technical specifications have been approved by NCDOT- minor changes will need NCDOT approval
- PCE Consult has been received.

- Anticipated Let Date: To be determined once bid package approved

U-5534G –HOOKER ROAD MULTI-USE PATH (Design)

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:

- The City has provided the executed revised scope and amendment to McKim & Creed
- McKim & Creed has submitted revised plans for review by the City
- Anticipated Let Date of Spring 2019

U-5534H – HINTON AVE MULTI-USE PATH (Design)

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:

- The City has provided the executed revised scope and amendment to McKim & Creed
- McKim & Creed has submitted revised plans for review by the City
- Anticipated Let Date of Spring 2019

U-5534I –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 at 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:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with "J" project

U-5534J –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:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK

Project Descriptions/Scope: The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Rd 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:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project

U-5534N SHIPYARD BOULEVARD SIDEWALK

Project Description/Scope: The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

Project Status and Next Steps:

- Contract has been sent to Purchasing for Bid
- Additional funds received
- Anticipated let date Winter 2018/2019

U-5534O Cape Fear Blvd Multi-Use Path

Project Description/Scope: The construction of approximately 3200 linear feet of 10’ wide paved off-road Multi-use Path along the south side of Cape Fear Blvd. from 6th Street to Dow Road.

Project Status and Next Steps:

- Construction is complete with exception of street lighting with an anticipated completion mid March

U-5534Q –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

U-5534S (Formerly U-5534M)- Coral Drive Sidewalks

Project Descriptions/Scope: The construction of sidewalks along Coral Drive will install approximately 954 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:

- 100% plans (sealed) and specifications have been approved by NCDOT
- Plan revision based on easement issue has been sent to NCDOT for review
- Construction funds can be released once PCE consult is received
- Anticipated Let Date: Spring 2019

U-5534T – 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:

- 100% design comments have been received by NCDOT
- Construction Authorization and funding request in progress
- Anticipated bid date of March 2019

U-5534U – 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:

- Scoping meeting held with NCDOT
- PE funds were released at the December 2017 Board of Transportation meeting
- The Town is working with the Engineer to finalize the fee and execute the contract

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:

- Project is requesting additional money from the City to construct the improvements
- City Council approved the contract on February 4, 2019

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:

- 70% plans under review
- No right of way needed
- Anticipated construction bid May 2019

U-5527D HARPER AVE. MULTI-USE PATH

Project Descriptions/Scope: The construction of approximately 2104 linear feet of 10' wide paved multi-use path along Harper Ave. from Dow Road to 6th Street

Project Status and Next Steps:

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- This project is currently on hold while the Town continues discussions regarding the beautification project along Harper Avenue.

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 will work 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

- Be A Looker Campaign

Planning a 6 month bicycle and pedestrian safety campaign to take place April to September 2019

- Bike Share

Final stages of agreement with Zagster and City of Wilmington

- New Go Coast Website
- Waiting for purchase approval

Social Media

- Posting at least three times per week

Continue to push Commuter Friendly Employer Program and Share The Ride NC

Programs and Events

- May is National Bike Month
 - Bike to Work Month 2019
 - River To Sea Bike Ride
- Looking into purchasing new commuter tracking software for events such as Commuter Challenge and Bike to Work Week

Mobility

- Scooter Share
 - Waiting on direction from NC General Assembly for policy on electric scooter share programs



Cape Fear Public Transportation Authority

Project Update

February 2019

REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - (no change) FTA funding in the amount of \$3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Delivery is scheduled to begin in June 2019. Additional funding for three to four buses will be requested from the VW mitigation settlement phase one following a call for projects by NC DAQ in the spring of 2019.
- 2. Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.
Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018.
The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following URL: <https://www.wavetransit.com/short-range-transit-plan/>. Changes to the Wave Transit routes based on recommendations from the consultant will be developed over the summer and fall with implementation in 2019 to coincide with the opening of the Wilmington Multimodal Transportation Center. A presentation of the study findings will be presented to the WMPO Board and TCC in January 2019.
- 3. Long Term Funding** - currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to \$1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.
Phase 1 consisting of hazardous materials abatement and demolition is complete.
Phase 2 consisting of building stabilization is complete.
Phase 3 consisting of renovation construction was let for bidding on February 14, 2018. Renovation construction of the Neuwirth Building began on December 03, 2018. Site work will commence upon approval of an FHWA STBGP-DA fund transfer to the project. No construction delays were experienced by the federal government shutdown. However, the process of flexing the final \$1,700,000 from FHWA to FTA has been delayed. At this time the impact can't be determined. It is anticipated the project will be delayed by the shutdown.
2. **Preventive Maintenance & ADA** - STBGP-DA funding in the amount of \$500,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO on July 25, 2018. The process of flexing the funds from FHWA to FTA is complete and a grant application has been submitted to FTA. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In December 2018 the Authority provided 1,635 ADA passenger trips utilizing the funding. The period of performance for the project is 07/01/2018 through 06/30/2019.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 5, 2019

WMPO – Brunswick, Pender, and New Hanover Counties

Project Update List for Brunswick County

Projects Under Construction – Brunswick County

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.

Estimated Completion Date: January 2019

Percent Complete: Substantially Complete

W-5703I: Hickman Rd at Ash-Little Rd Install Flashers

Estimated Completion: February 2019

Construction By State Forces: Work has started

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).

Open to traffic on December 18, 2017.

Estimated Completion Date: February 2019 (inclusive of punch list and vegetation period)

Percent Complete: 90.7%

R-2633D – (I-140 ITS: C204080) Intelligent Transportation System for I-140 (Wilmington Bypass) in Brunswick and New Hanover Counties – Communications Cable and Conduit Routing

Estimated Completion Date: May 2019

Percent Complete: 60.09%

NC24/US 17 Primary Routes– (NC24/US 17 Primary Routes: DC00234) Plant bed maintenance in Brunswick, New Hanover, Onslow, and Pender counties

Estimated Completion Date: November 2019

Percent Complete: 0%

R-3601(L) – (US 74/76 and NC 133 Landscaping: DC00231) Landscaping contract

Estimated Completion Date: May 2020

Percent Complete: 20.63%



Project Development- Brunswick County

R-5021: NC 211 from NC 87 to NC 906 (Midway Road) widen to a 4-lane divided facility.

Let Date April 2019

U-5914: NC 133 Widen and Modernize Intersection at US 17/US 74/US 76 to SR 1554 (Old River Road).

Let Date October 2019

U-5788: US 17 Business (Main Street) Realign intersection at Wall Street and Shallotte Avenue

Let Date May 2020

W-5601GA: US 17 at Thomasboro Rd Convert Intersection to Superstreet

Let Date February 2021

W-5703H: US 17 at Hickman Rd Convert Intersection to Superstreet

Let Date February 2021

U-5862: US 17 (Shallotte Bypass) at SR 1357 Smith Avenue Upgrade intersection to interchange

Let Date FY 2022

R-5857: US 17 at US 17 Bus Convert Intersection to Superstreet

Let Date June 2022

R-5851: US 17 at NC 904 Convert Intersection to Superstreet

Let Date FY 2025

***Reprioritized in P5.0**

U-5932: US 17 at NC 211 Convert Intersection to Interchange.

Let Date FY 2025

R-5947: NC 211 Widen from Sunset Harbor Rd to NC 906 (Midway Rd) to 4 lanes

Let Date FY 2029

***New Project in P5.0**

U-6104: US 17 (Shallotte Bypass) at US 17 Business upgrade intersection to interchange

Let Date FY 2029

***New Project in P5.0**

Carolina Bays Parkway Extension Updates

1. Newsletter 1 mailed out
2. Call for public comment (Due January 21, 2019): <https://ncdot.publicinput.com/2518/>
3. Project Website: <https://www.ncdot.gov/projects/carolina-bays-parkway/Pages/default.aspx>

Project Timeline Table	
Milestone	Date*
Public meeting	Spring 2019
Environmental document	Spring 2020
Public hearing	Summer 2020
Environmental decision document	Summer 2021
Right of way acquisition begins in N.C.	TBD
Right of way acquisition begins in S.C.	2021
Construction begins	TBD

High Impact / Low Cost funded projects New project funding source – Brunswick County

1. NC 133 (flooding) Intersection of SR 1521 (Funston Road SE) and NC 133 in Brunswick County
Approximately a mile in each direction of the intersection.
WBS 80084
Project let August 2019
Anticipated Completion April 2020
2. Installation of traffic signal at US 17 & NC 87 (southern entrance) in Brunswick County
WBS 47783; work began February 2018
Completion Date: April 2019
3. Installation of traffic signals at the intersection of US 17 and Ocean Isle Beach Road, and the NB to SB U-turn location approximately 875 feet northeast of the referenced intersection in Brunswick County.
WBS 47879; work began February 2018
Completion Date: April 2019
4. Caswell Beach Rd Infiltration System in Oak Island
WBS 47931; Town of Caswell Beach is working on the design
Let & Completion Date: February 2019

Resurfacing Projects - Brunswick County

2018 Brunswick Resurfacing Contract: WBS (C204094, W-5203Y) US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.

Estimated Completion Date: January 2020.

Percent Complete: 75.62%

Map 1: NC 130 (Whiteville Rd) from US 17 Bus to SR 1335
Map 2: NC 179 (Old Georgetown Rd) from 179 Bus to NC 904
Map 3: NC 904 (Longwood Rd) from SR 1321 to SR 1304
Map 4: NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904
Map 5: SR 1319 (Union School Rd) from SR 1316 to US 17
Map 6: SR 1504 (Clemmons Rd) from SR 1316 to US 17
Map 7: SR 1333 (Project Rd) from SR 1326 to end of Pavement
Map 8: SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326
Map 9: SR 1337 (Marlow Rd) from SR 1336 to SR 1333
Map 10: SR 1308 (Etheridge Rd) from SR 1300 to NC 904
Map 11: SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336
Map 12: SR 1356 (Marlowtown Rd) from 1302 to SR EOM
Map 13: SR 1301 (McLamb Rd) from SR 1300 to SC line
Map 14: SR 1316 (Old Shallotte Rd) from NC 904 to US 17
Map 15: SR 1155 (Goose Creek Rd) from NC 179 to SR 1143
Map 16: SR 1304 (Pea Landing Rd) from US 17 to NC 904
Map 17: SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304
Map 18: SR 1165 (Thomasboro Rd) from US 17 to SR 1164
Map 19: SR 1720 (Washington Rd) from US 17 Bus. To EOM
Map 20: SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM
Map 21: SR 1315 (Russtown Rd) from SR 1313 to NC 904
Map 22: SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway

2018 New Hanover County Resurfacing (C204135) US 17 Bus/US 76, US 421, NC 132, and various secondary roads

Estimated Contract Completion Date: April 2019

Percent Complete: 11.62%

High Value Bridge Program – Brunswick County

Old Oak Island Bridge (Brunswick 14: C204185) NC133 Country Club Drive; Girder Repair

Estimated Completion Date: June 2019

Percent Complete: 32.89%

Holden Beach Bridge (Brunswick 71: C204200) NC130 Holden Beach Rd SW; Girder Repair

Let October 2018

Odell Williamson Bridge (Brunswick 13) NC904 Causeway Dr; Epoxy Coat Beam Ends

Let March 2019

Project Update List for Pender County

Under Construction – Pender County

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.

Estimated Completion Date: January 2019

Percent Complete: Substantially Complete

SR-5001CB – (Sloop Point Multi Use Path: DC00151) from US 17 to SR 1694 (Masters Ln)

Estimated Completion Date: February 2019

Percent Complete: 45.79%

B-5304 – (Pender 203: C203983) Replace bridge 203 on SR 1324 (Crooked Run Rd)

Estimated Completion Date: March 2019

Percent Complete: 98.96% (Awaiting 80% Vegetation Period)

3RE.101013 (NC 24 and US 17: DC00234) Primary Route Plant Bed Maintenance

Estimated Contract Completion Date November 2019

Percent Complete: 0%

B-4929 (Surf City Bridge on NC 50/210: C203789) Replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure.

Estimated Contract Completion Date December 2020

Percent Complete: 94.44%

Project Development – Pender County

R-5701: NC 53/US117 Bus. Intersection Upgrade

Let June 2020

R-3300B: US 17 Hampstead Bypass: Construct a four-lane divided roadway on mostly new location from NC 210 to Sloop Point Loop Road. **Fully funded**

Let September 2020

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210 **Selected in P5.0 Regional – fully funded**

Let September 2020

U-5732: US 17 Hampstead Superstreet: Convert to superstreet from SR 1582 (Washington Acres Road) to just south of US 17 and future Hampstead Bypass Limits. **Fully funded and will be built in conjunction with Hampstead Bypass projects.**

Let September 2020

R-5850: NC 53 from US 117 Bypass to Stag Park Rd widen to 3 lanes

Let May 2025

R-5877: US 17 at NC 210 (Surf City) convert intersection to a Green T
Let FY 2027 New Project in P5.0

R-5899: NC 210 and Watts Landing Rd (Surf City) roundabout
Let FY 2028 New Project in P5.0

R-5900: NC 210/NC 50 and Belt Rd (Surf City) roundabout
Let FY 2028 New Project in P5.0

Resurfacing Projects - Pender County

2018 Pender County Resurfacing Contract (C204090). 1-section of US-17, 1-section of NC-50, 1-section of NC-210, and 36 other various SR roads.
Estimated Completion Date: February 2019
Percent Complete: 85.4%

2019 Pender County Resurfacing Contract (DC00229). Various Secondary Routes
Estimated Completion Date: June 2019
Percent Complete: 0%

High Impact / Low Cost funded projects New project funding source – Pender County

1. Hoover Road widening from proposed interchange to US 17 with 2' paved shoulders; currently under design
WBS 47785
Project let March 2019
Anticipated Completion March 2020

Project Update List for New Hanover County

Projects Under Construction - NHC

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.
Estimated Completion Date: January 2019
Percent Complete: Substantially Complete

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).
Open to traffic on December 18, 2017.
Estimated Completion Date: February 2019 (inclusive of punch list and vegetation period)
Percent Complete: 90.70%

W-5601CK – (New Hanover 12: DC00129) Wrightsville Beach Bike Plates installation on US 74 bridge over intercoastal waterway

Anticipated Completion date: April 2019

Percent Complete: 0%

R-2633D – (I-140 ITS: C204080) Intelligent Transportation System for I-140 (Wilmington Bypass) in Brunswick and New Hanover Counties – Communications Cable and Conduit Routing

Estimated Completion Date: May 2019

Percent Complete: 60.09%

U-3338B – (Kerr Avenue Widening: C203772) Widening of Kerr Ave. from Randall Prkwy to MLK, Jr. Prkwy.

Estimated Completion date: June 2019

Percent Complete: 87.84%

Snow Cut Fender – (New Hanover 30: DC00218) Bridge on US 421 over SR 1532 and intracoastal waterway

Anticipated Completion date: August 2019

Percent Complete: 23.12%

3RE.101013 (NC 24 and US 17: DC00234) Primary Route Plant Bed Maintenance

Estimated Contract Completion Date November 2019

Percent Complete: 0%

Fishing Creek – (C204282) Bridge on US 421 over Fishing Creek 4 miles N of I-140

Anticipated Completion date: April 2020

Percent Complete: 0%

U-4751 – (Military Cutoff Road Extension: C203980) extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass west of US 17 Business (Market Street) to US 17 Business (Market Street) SR 1403 (Middle Sound Loop Road).

Estimated Completion date: April 2022

Percent Complete: 17.65%

Project Development – NHC

U-4902D: US 17 Business (Market Street) construct a “superstreet” (median) from SR 2734 (Marsh Oaks Drive) to Lendire Drive

Let Date December 2018

B-4590: replace bridge #29 over Smith Creek on NC 133 (Old Castle Hayne Road)

Let Date April 2019

U-3338C: SR 1175 (Kerr Avenue) at US 74 (MLK Jr Pkwy) Construct interchange

Let Date December 2019

U-4902C: US 17 Business (Market Street) construct a superstreet (median) from Station Road to US 74 (MLK Parkway/Eastwood Rd); construct a SPUI at US 74 (MLK Parkway/Eastwood Rd) and Market St; Project extended on Eastwood Rd from Racine to Cardinal

Let Date February 2020

U-5710A: US 74 (Eastwood Road) construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)

Let Date April 2020

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210

Let September 2020

U-5710: US 74 (Eastwood Road) convert at-grade intersection to an interchange at US 17 (Military Cutoff Road).

Let Date September 2021

U-5926: 23rd St Extension: New route from N 23rd St to N 26th St

Let Date June 2022

U-5729: US 421 (Carolina Beach Road) from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway.

Let Date FY 2023

U-5731: US 74 (US 17/US 421 in Wilmington) Construct a Trumpet Interchange

Let Date FY 2023

U-5790: US 421 (Carolina Beach Road) Widen US 421 (Carolina Beach Rd) from NC132 (South College Rd) to Sanders Rd in Wilmington and construct Continuous Flow Intersection at US 421 and NC 132

Let Date June 2024

U-5792: US 74 (MLK Jr Parkway) at NC 132 (College Rd) Convert at-grade intersection to Tight Urban Diamond Interchange

Let Date June 2024

U-5954: NC 133 (Castle Hayne Rd) at 23rd St Construct Roundabout

Let Date June 2024

U-5863: NC 133 (Castle Hayne Rd) Widen to multi-lanes from I-140/US17 to SR 1310 (Division Dr)

Let Date FY 2024

U-4434: Independence Blvd Extension from Randall Parkway to MLK Jr Parkway

Let Date June 2025

U-4902B: US17 US 17 Business (Market Street) Median Project from CSX Railroad to Cinema Dr and from Jacksonville St to North of US 117/NC132 (College Rd)

Let Date FY 2025

U-5702A: NC 132 (College Rd) Access management and travel time improvements from SR 1272 (New Centre Drive) to US 117 (Shipyard Blvd)

Let Date FY 2025

U-5704: NC 132 (College Rd) Intersection improvement at US 76 (Oleander Dr); Quadrant intersection Design along Parkway Dr

Let Date FY 2025

U-5734: US 421 (South Front Street) Widen to multi-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)

Let Date FY 2025

U-5881: NC 132 (College Rd) Widen Roadway from SR 2048 (Gordon Rd) to SR 1272 (New Centre Dr) including interchanges at Kings Drive and Ringo St; project overlaps with U-5792

Let Date FY 2025

U-5702B: NC 132 (College Rd) Access management and travel time improvements from US 117 (Shipyard Blvd) to US 421 (Carolina Beach Rd)

Let Date FY 2027

U-6199: Wilmington Citywide Signal System Upgrade

Let Date FY 2027

U-6201: Kerr Avenue extension from Wrightsville Avenue to Oleander Dr

Let Date FY 2027

U-6128: US 76 (Oleander) & Greenville Loop Rd/Greenville Ave Dual Left Turns

Let Date Post Year

U-6202: Gordon Road widen from US 17 Market St to I-40

Let Date Post Year

U-4738: Cape Fear Crossing New entrance from Brunswick county to New Hanover County south of the Cape Fear Memorial

Let Date Post Year

Resurfacing Contracts - NHC

I-5760 (I-140: C203868) resurface from I-40 to US 421 & reconstruction of bridge joints
Remaining work: Joints and pavement markers

Estimated Contract Completion Date: February 2019

Percent Complete: 90.97%

US 117/NC 132 S College Rd (C203888: W-5203AA, W-5601BB) from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)

Remaining work: Pavement markings and markers

Estimated Contract Completion Date: February 2019

Percent Complete: 87.15%

2018 New Hanover County Resurfacing (C204135) US 17 Bus/US 76, US 421, NC 132, and various secondary roads

Estimated Contract Completion Date: April 2019

Percent Complete: 11.62%

High Value Bridge Program – NHC

Cape Fear Memorial Bridge (New Hanover 13: C204119) Structural Steel Repair, clean and grease ropes, lift span bearings

Estimated Completion Date: May 2019

Percent Complete: 87.86%

US76/Banks Channel (New Hanover 21) Girder repair, clean and paint bearings, epoxy caps

Let Date December 2018

Isabel Holmes Br (New Hanover 11) Girder repair, upgrade/paint structural steel, replace grid floor

Let Date February 2019

Cape Fear (I-140 E) (New Hanover 48) Shear Strengthen

Let Date July 2019

Cape Fear (I-140 W) (New Hanover 49) Shear Strengthen

Let Date July 2019

This project list was updated on February 5, 2019.

If you have any questions, please contact Caitlin Marks at the Division 3 Office:

(910) 341-2000, cmmarks@ncdot.gov



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 2019

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

FEBRUARY TPD UPDATES WILMINGTON MPO

February 2019

New Business:

Wilmington Model Update – Future Year Model is ready for MTP project testing and has been sent to the Wilmington MPO. Documentation has also been completed and will be sent this month to the MPO. The 2045 Model will be considered adopted when the MTP is adopted, it will then become the official model.

Wilmington CTP – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is near completion we will develop a schedule.

Brunswick County Model – TPD is waiting on future year growth rates from locals.

Pender County CTP – TPD has done a lot of pre-work for Pender County, once the RPO and engineer can provide more time and grasp a better understanding of CTP 2.0 – they will start the CTP within the next few months.

Performance Measures – Summary of pending items and deadlines:

1. PM2 and PM3 targets (pavement, bridge, and system performance):
 - Per CFR450.324(f)(3), the MTP has to contain a description of the performance measures and the targets used.
2. MPO's are required to amend their TIP by updating language within it.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING BRANCH
1554 MAIL SERVICE CENTER
RALEIGH NC 27699-1554

Telephone: (919) 707-0900
Fax: (919) 733-9794
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

3. Data sharing agreements.
 - Recommend executing agreement as soon as possible.
4. NCDOT submitted the required yearly safety (PM1) targets on August 31, 2018.
 - MPO's have 180 days to support NCDOT's targets or establish their own (Feb 27, 2019).
 - Safety targets are a yearly process.
 - MTP needs to be updated to include these targets.

The jointly written provisions (which are noted in the draft data-sharing agreements) to address FTA's Transit Assessment Management/State of Good Repair (TAM/SGR) performance measures must be completed by October 1, 2018. As information on transit asset conditions as reported by providers of public transportation to the National Transit Database (NTD) will not be available until October 2019, they will need to provide this information directly to their MPO. For additional TAM/SGR information, please see FTA's TAM webpage.

CTP Study Requests – CTP Study Requests were accepted in Spring of 2018. Studies have been prioritized and assigned based on available resources, mainly as new work plans began in June 2018. Other assignments may occur later as additional resources become available.

Old Business:

Statewide Plan: The N.C. Department of Transportation is conducting an update to its long-range transportation plan to guide North Carolina's future transportation policies and investments. NC Moves 2050 is a plan that will provide a 30-year transportation vision and implementation plan for the state. Changing demographic and economic trends across urban and rural regions of the state, along with anticipated changes in technology, weather, tourism, and funding sources make now an opportune time to produce a bold, forward looking transportation plan to guide investment policy and system performance that will be more reactive to the dynamic change on the horizon.

The engagement of the stakeholders and public is critical during this initial stage of the planning process. To capture thoughts and ideas about the state's biggest challenges for the future, North Carolina residents are encouraged to provide input through our [survey](https://publicinput.com/ncmoves) through November 30th. The survey can be found at <https://publicinput.com/ncmoves>. This survey focuses capturing public input about the challenges for our state and the future of our transportation system. Responses will help to inform the vision and goals for NC's transportation plan. We will also have our kickoff stakeholder meetings in Kinston on 10/24/18, Raleigh on 10/29/18, and Charlotte on 10/30/18. We have invited a representative from each MPO, RPO, State Agencies, and State Advocacy Groups across North Carolina.

Training: A recording of the 2017 MPO/RPO Ethics training webinar can be viewed at the following location: <https://livestream.com/NC-DOT/events/7161243>

Corridor Studies: TPD has recently made the decision to temporarily pause the development of the STC Master Plans in order to reevaluate the scope and deliverables to

make it a more useful and effective end product. A work group of internal and external partners to help reexamine this effort is currently being formed.

Wilmington CTP – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is fully completed, TPD will develop a schedule.

RPO Program Reviews: FHWA submitted their findings and recommendations for improvement to NCDOT. TPD has developed an action plan to address the recommendations. FHWA, NCDOT and the RPO Administrative Documents Committee will collaborate on the implementation of resulting changes.

CMAQ: Applications for funding in FFY 2019 were due by March 15, 2018.

Traffic Forecast: The Traffic Forecast shapefile is under development (ArcGIS Online).

HERE Data: HERE Data is available for use for NCDOT business purposes, subsequently being available for RPO use. Data available for travel times and speed measures across the state. Program available at: <https://pda.ritis.org/suite>

FHWA News: Functional Classification - FHWA has an interactive map that shows the Federal highway system, freight network, fatal crashes, MPO information, and demographic maps at the county level.

Build NC: Governor Roy Cooper on Wednesday June 20, 2018 - signed into law the Build NC Bond Act of 2018, a new financing tool sought by his administration to help expedite critical highway projects. Build NC is a financing tool similar to Garvee bonds and is an important way to move critical projects forward. It is important to note that it is not new revenue, but borrowing authority to implement projects sooner. The focus is for projects in the regional and Division tiers.

CTP 2.0: TPD leadership is reviewing elements for CTP 2.0 and coordinating with the CTP 2.0 steering committee as we prepare for implementation of improved maps, classifications, analysis, plan documentation, and changes to the process for developing CTPs in NC. (A CTP Steering Committee meeting was held June 18, 2018.) Improving the CTPs for NCDOT and local partners has proven to be a complex process with many benefits and “ripple effects” as we move future proposals into project implementation.