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.

Technical Coordinating Committee
Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: February 8, 2019
SUBJECT: February 13th meeting

A meeting of the Wilmington Urban Area MPO’s Technical Coordinating Committee will be held on
Wednesday, February 13, 2019 at 10 am. The meeting will be held in the New Hanover County Library,
Harnett Room located at 201 North 3rd Street in downtown Wilmington.

The following is the agenda for the meeting:

1) Call to Order
2) Approval of the Agenda
3) Consent Agenda
   a. Approval of TCC Meeting Minutes- January 16, 2019
   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
   c. Resolution supporting the Section 5310 Community Grant Awards
   d. Resolution adopting the Wilmington Urban Area MPO’s FY 19 Legislative
      Agenda
   e. Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification
      #19-1
4) Regular Agenda
   a. Opening of the 30-day public comment period for 2018-2027 STIP/MPO TIP
      Amendment #19-1
   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
   c. Resolution supporting the North Carolina Department of Transportation’s efforts
      to fund resilient improvements to Interstate 40 and Interstate 95
   d. Resolution approving the Cape Fear Moving Forward 2045 Bicycle and
      Pedestrian Modal Project List
5) Discussion
   a. FY 2020-2024 Direct Attributable Funding Call for Projects

6) Updates
   a. Crossing over the Cape Fear River
   b. Wilmington Urban Area MPO
   c. Cape Fear Public Transportation Authority
   d. NCDOT Division
   e. NCDOT Transportation Planning Division

7) Announcements
   a. NCDOT Draft 2020-2029 STIP Drop in Period- March 4th – 8th
   b. Bike/Pedestrian Committee Meeting- March 12th

8) Next meeting- March 13, 2019

Attachments:
- TCC Meeting Minutes- January 16, 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
- Draft Wilmington Urban Area MPO’s FY 19 Legislative Agenda
- Resolution adopting the Wilmington Urban Area MPO’s FY 19 Legislative Agenda
- 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
- 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 Urban Area MPO Project Update (February)
- Cape Fear Public Transportation Authority Update (February)
- NCDOT Division Project Update (February)
- NCDOT Transportation Planning Division Project Update (February)
Wilmington Urban Area  
Technical Coordinating Committee  
Wednesday, January 16, 2019  
Meeting Minutes

Members Present  
Mike Kozlosky, Wilmington MPO  
Don Bennett, City of Wilmington  
Nick Cannon, Wilmington MPO  
Rebekah Roth, New Hanover County  
Stephanie Ayers, NC State Ports Authority  
Ashli Barefoot, Town of Leland  
Barnes Sutton, Town of Navassa  
Helen Bunch, Brunswick County  
Travis Henley, Pender County  
Allen Serkin, Cape Fear Council of Governments  
Caitlin Marks, NCDOT Division of Highways  
Nazia Sarder, NCDOT Planning  
Megan Matheny, Cape Fear Public Transportation Authority

1. **Call to Order**  
Mr. Kozlosky called the meeting to order at 10:00 a.m.

2. **Approval of the Agenda**  
Mr. Bennett made a motion to approve the agenda as presented, seconded by Ms. Ayers, and the motion carried unanimously.

3. **Election of Officers**  
Mr. Kozlosky opened the floor to nominations for Chairman and Vice Chairman.

   Mr. Bennett nominated Mr. Kozlosky for Chairman. Mr. Serkin nominated Mr. Bennett for Vice Chairman.

   There being no other nominations on the floor, Mr. Bennett made a motion to approve the nominations. Ms. Matheny seconded the motion, and it carried unanimously.

4. **Presentations**

   a. **Wilmington Urban Area MPO 2045 Travel Demand Model**  
   Ms. Nazia Sarder, Transportation Engineer III, NCDOT Transportation Planning, gave an overview of the Wilmington Urban Area MPO 2045 Travel Demand Model. She stated that the 2015 model was calibrated from socio economic Census data (population and employment), which was verified by the 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. She noted that the Travel Demand Model will be used as a tool to rank projects for the 2045 Metropolitan Transportation Plan.

   b. **WAVE Transit’s Short Range Transit Plan**  
   Ms. Megan Matheny, Deputy Director, Cape Fear Public Transportation Authority, gave an overview of the Short Range Transit Plan. She stated that 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 consisting of. 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 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 attracting 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, FY19-23, 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 50% 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 Porters Neck. In addition to future recommendations, other 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, specialized workforce, and questionable reimbursements as a result of services during Hurricane Florence and the federal government shut-down. He pointed out that the biggest challenge to 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/.

c. North Carolina Department of Transportation Project Development and Merger Process

Mr. Trace Howell, Project Manager, NCDOT Division 3, gave an overview of the NCDOT Project Development and Merger Process. He stated that key factors include purpose and need, environmental and property impacts, traffic data, local agencies and public input, benefit versus cost, development of an area, and constructability of the project. Stakeholders throughout the process include DOT, MPOs, RPOs, cities, counties, environmental agencies, design firms and public input.

Mr. Howell stated that NCDOT considers projects for prioritization from MPO and RPO long-range plans. Projects are scored and tiered into Statewide, Regional or Division Needs. Forty percent of funds go to the Statewide Tier, 30% to Regional Impact and 30% to Division Needs. Once
a project is in the draft STIP, project managers can begin scoping it. Alternatives are selected at about 15% of design; right-of-way purchasing happens at about 75%; and construction begins at 100%.

Mr. Howell stated that environmental and planning documents are a large part of the process that can greatly impact right-of-way purchases and permits. Signed documents are required for both non-merger projects (12 or fewer months) and merger projects (three or more years). Merger projects apply to all new location projects and those that require a permit under Section 404 of the Clean Water Act (mainly wetland and stream impacts; but also environmental justice and threatened and endangered species). Once other data is collected, a concept review meeting is held. Regardless of the project type, a public input meeting is held sometime between scope and 15% with at least two weeks advance notice. At least two alternatives are considered and projected impacts (3-D visuals or video) based on level of design are considered, followed by a 30-day public comment period.

Mr. Howell stated that past the public meeting, an alternative selection meeting is held with the same stakeholders as the concept review meeting to consider public comment, any revised maps and matrix changes, and reaffirm the purpose and need statement. He gave examples of processes for projects that were revised due to public input including Military Cutoff Road Extension, Surf City Bridge, and Hampstead Bypass.

In response to an inquiry by Ms. Roth, Ms. Marks stated that the relevant stakeholders are contacted from an internal list. She noted that Ms. Roth should be included and requested an e-mail from her to help confirm it.

In the absence of Mr. Kozlosky, Mr. Bennett presided over the remainder of the meeting.

5. Consent Agenda
   a. Approval of TCC Meeting Minutes – November 14, 2018
   b. Resolution adopting WAVE Transit’s Short-range Transit Plan
   c. Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-9

Mr. Serkin made a motion to approve the Consent Agenda, Items 5a through 5c, and to forward the Items to the MPO Board for consideration. Ms. Bunch seconded the motion, and it carried unanimously.

6. Regular Agenda
   a. 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 under the auspices of the Citizens Advisory Committee (CAC) have compiled project lists to be sent to the consultant for a high-level planning cost estimate. Meanwhile, scoring criteria is currently under development by the modal subcommittees, and will be applied to rank the projects for the 2045 Metropolitan Transportation Plan.
Ms. Lorenzo stated that the Bicycle-Pedestrian list was not included due to some concerns raised by the CAC. The modal subcommittee is in the process of addressing these concerns in the form of a letter, and the list will be brought forward for consideration next month.

Ms. Lorenzo stated that staff has reviewed roadway projects in coordination with Division 3.

Following further consideration, Ms. Matheny made a motion to approve 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. Ms. Barefoot seconded the motion, and it carried unanimously.

7. **Discussion**
   a. **Draft FY20 Unified Planning Work Program**
      Ms. Lorenzo stated that there are no major changes to the Unified Planning Work Program (UPWP) from last year – only a minimal increase in the TDM Grant. She noted that Letters will be sent to member jurisdictions with their estimated contributions. She added that the resolution will open the public comment period.
   
   b. **TASA Call for Projects**
      Ms. Kimes stated that one application has been received, and that two other applicants have expressed an interest in the TASA call for projects. She reminded members that projects must be in the long-range plan to be considered for funding. She suggested that members submit projects to their representatives on the Bike-Ped Committee for inclusion. She noted that staff will encourage Bike-Ped members to contact TCC members. She requested that TCC members share information with parks and recreation staff as well.
      
      In response to an inquiry by Mr. Cannon, Ms. Kimes stated that the application deadline remains January 25th.
   
   c. **Wilmington Urban Area MPO 2019 Legislative Agenda**
      Ms. Lorenzo stated that there are no major changes to the legislative agenda. She noted that some language has been added to support e-scooters.
      
      A lengthy question/answer and discussion period was held regarding e-scooters. Mr. Cannon stated that staff expects the state legislature to take the lead in drafting policy.
   
   d. **2018-2027 STIP/MPO TIP Administrative Modification #19-1**
      Ms. Lorenzo stated that the remaining items are for informational purposes only and will be brought back at the next meeting for action.
   
   e. **Draft 2020-2029 State/Metropolitan Transportation Improvement Program**
      Ms. Ayers expressed concerns regarding changes in the STIP/MPO TIP, particularly to South Front Street and Carolina Beach Road.
Ms. Marks responded that project shifts are caused by increasing costs, and that she would look into the particular projects further. She noted that the public comment period is currently open until June, including a week-long drop-in period, of which she would inform members. She pointed out that the addition of the Gordon Road and Cape Fear Crossing projects are great achievements, not to mention the Wilmington traffic signal upgrades.

Mr. Bennett stated that the city currently monitors 217 signals, which will increase to 240 with the new projects. He noted that super streets multiply the number of signals at intersections.

A lengthy question/answer and discussion period was held regarding projects.

Mr. Serkin suggested advanced right-of-way acquisition for larger projects such as the Cape Fear Crossing.

Mr. Bennett pointed out that the value of right-of-way increases exponentially once a corridor is identified.

8. **Updates**
   Mr. Bennett reminded members that the updates are included in the agenda packet.

9. **Announcements**
   Ms. Lorenzo stated that NCDOT is currently working on an update to its transportation plan and distributed flyers to members. In addition, she encouraged members to attend the Bike-Ped meeting on February 13th at 2:00 p.m. at 320 Chestnut Street.

   Mr. Bennett stated that the next TCC Meeting is scheduled for February 13th.

10. **Adjournment**
    With no further items, the meeting was adjourned at 11:47 a.m.

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 Project 2019
TASA-DA
Recommendations
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<tr>
<th>Jurisdiction</th>
<th>Amount (DA $)</th>
<th>Description</th>
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<tbody>
<tr>
<td>New Hanover County</td>
<td>$244,000</td>
<td>Design of a MUP along Middle Sound Loop &amp; Lendire Road to Ogden Business Park Lane, connecting to the bike lane at Ogden Park</td>
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<tr>
<td>Carolina Beach</td>
<td>$546,450</td>
<td>Design/construction of the Clarendon Ave. MUP from 4th Street to Dow Road</td>
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<tr>
<td>City of Wilmington</td>
<td>$160,000</td>
<td>Design/Install a HAWK Beacon to augment the existing signed/marked crosswalk at US 17 Business (Market Street) at 21st Street</td>
</tr>
<tr>
<td>Total DA funds requested</td>
<td>$950,450</td>
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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 MUP, 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
MEMORANDUM

TO: TCC members

FROM: Mike Kozlosky, Executive Director

DATE: February 7, 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

Staff will recommend support of this award at the February TCC and MPO Board meetings.
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
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 also 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).

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.
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
**Proposed Revisions to 2018-2027 STIP/MPO TIP Programs**

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

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<th>Description</th>
<th>Category</th>
<th>Cost Information</th>
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<td>U-4902D</td>
<td>US 17 BUSINESS (MARKET STREET), SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE).</td>
<td>CONSTRUCTION</td>
<td>FY 2019 - $18,500,000 (T) $18,500,000</td>
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<td>NC 133 (CASTLE HAYNE ROAD), NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.</td>
<td>RIGHT OF WAY</td>
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<td>CONSTRUCTION</td>
<td>FY 2024 - $1,050,000 (T)</td>
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<td>CONSTRUCTION</td>
<td>FY 2025 - $1,050,000 (T) $2,350,000</td>
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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
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<th>Project Number</th>
<th>Description</th>
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<td>* EB-6025</td>
<td>RICE HOPE MULTI USE PATH, MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. <strong>PROJECT ADDED AT REQUEST OF MPO.</strong></td>
<td>Brunswick</td>
<td>FY 2019 $24,000 (STBGDA)</td>
<td>FT 2019 $2,000 (STBGDA)</td>
<td>FY 2019 $6,000 (L)</td>
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<td>FY 2019 $2,000 (STBGDA)</td>
<td>FY 2019 $1,000 (L)</td>
<td>FY 2020 $200,000</td>
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<td>* EB-6026</td>
<td>BELVILLE ELEMENTARY MULTI USE PATH, MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. <strong>PROJECT ADDED AT REQUEST OF MPO.</strong></td>
<td>Brunswick</td>
<td>FY 2019 $24,000 (TAPDA)</td>
<td>FY 2019 $2,000 (TAPDA)</td>
<td>FY 2019 $6,000 (L)</td>
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<td>FT 2019 $1,000 (L)</td>
<td>FY 2020 $94,000 (TAPDA)</td>
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<td>FY 2020 $24,000 (TAPDA)</td>
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<td>FY 2020 $24,000 (L)</td>
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<td>* U-6199</td>
<td>WILMINGTON, WILMINGTON CITYWIDE SIGNAL SYSTEM. <strong>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</strong></td>
<td>New Hanover</td>
<td>FY 2020 $151,000</td>
<td></td>
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<tr>
<td>* U-6201</td>
<td>SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.</td>
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<tr>
<td>M-0534DIV</td>
<td>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.</td>
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<tr>
<td>M-0534REG</td>
<td>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.</td>
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</table>

**New Hanover**

**Project Category Division**

| U-6201 | SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION. |
| U-6202 | SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. |

*Programmed for planning and environmental study only to expedite delivery of new STI project.*

**Statewide**

**Engineering**

| M-0534DIV | 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. ADDED AT THE REQUEST OF NCDOT’S HYDRAULICS UNIT. |
| M-0534REG | 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. ADDED AT THE REQUEST OF NCDOT’S HYDRAULICS UNIT. |

**Statewide**

**Engineering**

| M-0534DIV | 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. |
| M-0534REG | 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. |

**Statewide**

**Engineering**

| M-0534DIV | 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. |
| M-0534REG | 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. |

| FY 2019 - $600,000 (T) |
| $600,000 |

| FY 2019 - $600,000 (T) |
| $600,000 |
M-0534SW  HYDRAULICS, PRELIMINARY ENGINEERING FOR STATEWIDE ENGINEERING FY 2019 - $800,000 (T)
STATEWIDE  THE HIGHWAY FLOODPLAIN PROGRAM (HFP) $800,000
PROJ.CATEGORY  TO FACILITATE FEDERAL EMERGENCY ADDED AT THE REQUEST OF NCDOT'S
STATEWIDE  MANAGEMENT AGENCY (FEMA) AND NATIONAL HYDRAULICS UNIT.
STATEWIDE  FLOOD INSURANCE PROGRAM (NFIP)
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
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
<table>
<thead>
<tr>
<th>Intersection Project #</th>
<th>Project Name</th>
<th>Project Type</th>
<th>Curb Ramps (each)</th>
<th>Pedestrian Signals (each)</th>
<th>Crosswalk Length ( Ft)</th>
<th>Crosswalk (Width in R)</th>
<th>Crosswalk (Painted or stamped)</th>
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<tr>
<td>BP - 560</td>
<td>US - 421 (Carolina Beach Rd and Halyburton Pkwy) BikePed Crossing Improvements</td>
<td>BikePed Crossing at signalized intersection</td>
<td>10</td>
<td>8</td>
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<td>BP - 561</td>
<td>US - 421 (Carolina Beach Rd.) &amp; SR - 1492 (Myrtle Grove Rd.)</td>
<td>BikePed Crossing at signalized intersection</td>
<td>4</td>
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<td>BP - 563</td>
<td>US - 76 (Causeway Dr.) &amp; US - 74 (W. Salisbury St.)</td>
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<td>BP - 572</td>
<td>US - 421 &amp; Isabel Holmes Bridge</td>
<td>Crossing Improvement</td>
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<td>BP - 574</td>
<td>Drysdale Dr &amp; SR - 1409 (Military Cutoff Rd.)</td>
<td>Crosswalk Improvement</td>
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<td>BP - 577</td>
<td>SR - 1363 (Bayshore Dr.) &amp; US - 17 (Market St.)</td>
<td>Crosswalk Improvement</td>
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<tr>
<td>BP - 579</td>
<td>SR - 1409 (Military Cutoff Rd.) &amp; Station Rd</td>
<td>Crosswalk Improvement</td>
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<td>BP - 581</td>
<td>US 421 (Carolina Beach Rd.) &amp; US - 117/NC - 132 (S. College Rd.)</td>
<td>Crosswalk Improvement</td>
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<td>620</td>
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<td>BP - 584</td>
<td>US - 117/NC - 132 (S. College Rd.) &amp; Shopping Center Entrance</td>
<td>Crosswalk Improvement</td>
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<td>BP - 589</td>
<td>US - 421 (Carolina Beach Rd.) and US - 117 (Shipyard Blvd.) &amp; Glen Meade Rd</td>
<td>Ped. Crossing Improvements</td>
<td>2</td>
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<td>BP - 590</td>
<td>SR 1409 (Military Cutoff Rd.) &amp; SR - 1411 (Wrightsville Ave.)</td>
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<td>BP - 591</td>
<td>Greenville Loop Rd. &amp; US 76 (Oleander Dr.)</td>
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<td>US - 421 (Carolina Beach Rd.) &amp; SR - 1209 (Independence Blvd.)</td>
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<td>SR - 1217 (177th St.) &amp; Glen Meade Rd</td>
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<td>Lane Width (Ft)</td>
<td>Median Width (Ft)</td>
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<td>B-1</td>
<td>5th Ave Bike Lane</td>
<td>U.S. 76</td>
<td>Wrightsville Beach Park</td>
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<td>B-11</td>
<td>U.S. 17 Bike Lane</td>
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<td>Wrightsville Beach Park</td>
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<td>B-13</td>
<td>Wrightway Park Connector</td>
<td>U.S. 76</td>
<td>Wrightsville Beach Park</td>
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<td>Wrightsville Beach Park</td>
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<td>B-16</td>
<td>U.S. 76 Bike Lane</td>
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<td>Wrightsville Beach Park</td>
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<td>B-20</td>
<td>U.S. 1-17 Bike Lane</td>
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<td>Wrightsville Beach Park</td>
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<td>B-21</td>
<td>U.S. 1-17 Bike Lane</td>
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<td>B-22</td>
<td>U.S. 1-17 Bike Lane</td>
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<td>B-23</td>
<td>U.S. 1-17 Bike Lane</td>
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<td>Plan</td>
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<td>BP-244</td>
<td>SR-122</td>
<td>Connector</td>
<td>0.00</td>
<td>MUP MUP Leland Nature Park Connector I MUP MUP US 17 Mallory Creek Dr. 10,900 10' paved</td>
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<td>BP-245</td>
<td>SR-122</td>
<td>Connector</td>
<td>0.50</td>
<td>MUP MUP Leland Ped Plan A-24 Blackwell Rd (north) 8,300 10' paved</td>
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<tr>
<td>BP-246</td>
<td>SR-1551</td>
<td>(Blackwell Rd SE)</td>
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<td>MUP MUP NC 133/River Rd Ft Fisher Aquarium Path Ferry Terminal 2,700 10' paved</td>
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<td>BP-247</td>
<td>SR-1561</td>
<td>(Sloop Point Loop Rd)</td>
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<td>MUP MUP Country Club Dr US 17 21,500 10' paved</td>
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<td>BP-248</td>
<td>SR-1524</td>
<td>(Chappell Loop Rd. SE)</td>
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<td>MUP MUP Leland Ped Plan A-24 Blackwell Rd (south) 8,300 10' paved</td>
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<td>BP-249</td>
<td>SR-1566</td>
<td>(Ploof Rd. SE)</td>
<td>0.00</td>
<td>MUP MUP US 17 Bike/Ped Bridge Old Mill Rd S. Navassa Rd. 19,060 10' paved</td>
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<td>BP-250</td>
<td>SR-1492</td>
<td>(Masonboro Loop Rd.)</td>
<td>0.00</td>
<td>MUP II MUP Hugh McRae Park Navaho Trl 18,500 10' paved</td>
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<tr>
<td>BP-251</td>
<td>SR-1492</td>
<td>(Masonboro Loop Rd.)</td>
<td>0.00</td>
<td>MUP I MUP 3rd St 2,900 10' paved</td>
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<td>BP-252</td>
<td>SR-1402</td>
<td>(Porters Neck Rd.)</td>
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<td>MUP MUP Bald Eagle Ln</td>
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<td>BP-253</td>
<td>SR-1573</td>
<td>(Dow Rd. South)</td>
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<td>MUP II MUP Sanders Rd Soundside Dr 31,500 10' paved</td>
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<tr>
<td>BP-254</td>
<td>SR-1576</td>
<td>(South River Rd. Trail)</td>
<td>0.00</td>
<td>MUP II MUP Sanders Rd Soundside Dr 31,500 10' paved</td>
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<tr>
<td>BP-255</td>
<td>US-421</td>
<td>(Carolina Beach Rd.)</td>
<td>0.00</td>
<td>MUP MUP 17th St Sanders Rd 29,600 10' paved</td>
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<tr>
<td>BP-256</td>
<td>US-117</td>
<td>(Shipyard Blvd. Trail)</td>
<td>0.00</td>
<td>MUP MUP River Rd Hugh McRae Park 19,000 10' paved</td>
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<tr>
<td>BP-257</td>
<td>US-74</td>
<td>(Wrighsville Beach Trail)</td>
<td>0.00</td>
<td>MUP MUP Causeway Bridge South Ridge Lane 6,600 10' paved</td>
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</table>

*Will need to be physically separated due to access controlled facility running parallel.*
| Plan 5-7 | BP-326 Rogersville Rd Trail (MUP) MUP Eastwood Rd Wrightsville Ave 4,230 10' paved |
| Plan 5-7 | BP - 336 Airlie Rd. MUP MUP Military Cutoff Rd. Eastwood Rd. 7,800 10' paved |
| CB Plan: | A.2 Sidepaths |
| Plan 5-38 | BP - 337 Alabama Ave MUP MUP Island Greenway West Park Blvd. 2,000 10' paved |
| Plan 5-38 | BP-341 Bayfield Dr Sharrow Sharrows Bayshore Dr Porters Neck Rd 7,200 |
| Plan 5-46 | Complete Streets BP - 349 Cape Fear Blvd. Bicycle Lanes Bicycle Lanes 3rd St. CB Ave. 4,300 5' (Each Side) |
| Plan 5-47 | US - 117/NC 133 (Castle Hayne Rd.) NHC Greenway Bicycle Lanes Bicycle Lanes Kerr Ave. North of I-140 11,400 5' (Each Side) |
| Plan 5-47 | US - 117/NC 132 (N. College Rd.) Bicycle North Chase NHC Greenway Pkwy. 3,600 5' (Each Side) |
| Plan 5-47 | Cape Fear Mem. Bridge 2,400 5' (Each Side) |
| Plan 5-47 | Front St. Sharrow Sharrow Ann St. SR - 2048 (Gothenburg, Gopedanes and Dendanes and Porters Neck) NHC Greenway Sidewalks College Rd Military Cutoff Rd 14,600 5' (Each side) 5' (Each Side) |
| Plan 5-47 | BP-373 Piedmont Collector Street Plan Figure 24 SR - 1002 (Holly Shelter Rd.) BikePed NHC Greenway Improvements Bike Lanes Bicycle Lanes Wrightsville Ave Eastwood Rd 3,200 5' (Each Side) |
| Plan 5-47 | SR - 1272 (New Billy Bills) Bicycle Lanes Bicycle Lanes College Rd Terminus 2,100 5' (Each Side) |
| Plan 5-47 | BP-396 SR - 1409 (Military Cutoff) Bicycle Lanes Bicycle Lanes Wrightsville Ave Eastwood Rd 3,200 5' (Each Side) |
| Plan 5-48 | NHC Greenway Pen Sorth Borrow 4,000 5' (Each Side) |
| Plan 5-9 | US - 17 Bus. (Market St.) Rail Trail MUP MUP Cape Harbor Dr |
| Plan 5-7 | North Smith Creek Trail MUP Smith Creek Park Northchase Pkwy 27,980 10' paved |
| Plan 5-7 | Carolina Beach NHC Greenway (Remaining Section) MUP Blvd Sanders Rd 9,480 10' paved |
| Plan 5-38 | BP - 437 US - 117/NC 133 (Castle Hayne Rd.) NHC Greenway Bicycle Lanes Bicycle Lanes Kerr Ave. Brentwood Dr. 8,600 5' (Each Side) |
| Plan 5-38 | US - 76 (Causeway Dr.) Sharrows Sharrow Airlie Rd Waynick Blvd 6,500 |
| Plan 5-47 | BP-456 BP - 457 SR - 1175 (Kerr Ave.) Bicycle Lanes Bicycle Lanes Randall Pkwy Wrightsville Ave 6,500 5' (Each Side) |
| Plan 5-47 | SR - 1411 (Wrightsville Avenue) BikePed Bicycle Lanes and Improvements Bike Lanes and Sidewalks Dawson St Wood Dale Dr 15,500 5' (Each Side) 5' (Each Side) |
| Plan 5-47 | Burnett Blvd St Andrews Dr 21,800 5' (Each Side) 5' (Each Side) |
| Plan 5-7, 5-10 | Downtown Trail Greenway (Phase I, Boardwalk Bess St 6,600 10' paved St to Burnt Mill Creek) MUP Nutt St Burnt Mill Creek 9,000 10' paved |
| Plan 5-7, 5-10 | BP - 469 SR - 1539 (Ocean Blvd.) MUP MUP S. Lake Park Blvd Dow Rd 4,300 10' paved |
| Plan 5-38 | Front St. Sharrow Sharrow Market ST 1,600 |
| Plan 5-38 | US - 117/NC 132 (N. College Rd.) Central South Smith Ck. Trail MUP MUP Trail Northchase Pkwy 5,900 10' paved |
| Plan 5-38 | US Park Rd. Park 6,300 5' (Each Side) |
| Plan 5-7 | SR - 1217 (17th St. Library Valley Dr. Reeley) NHC Greenway Connection MUP MUP John Barry Dr Library 2,100 10' paved |
| Plan 5-7 | Cross City Trail MUP MUP S Kerr Ave College Rd 3,300 10' paved |
| Plan 5-7 | US - 117/NC 133 (Castle Hayne Rd.) NHC Greenway Bicycle Lanes Bicycle Lanes Kerr Ave. Brentwood Dr. 8,600 5' (Each Side) |
| Plan 5-7 | SR - 1272 (New Billy Bills) Bicycle Lanes Bicycle Lanes College Rd Terminus 2,100 5' (Each Side) |
| Plan 5-47 | US - 76 (Causeway Dr.) Sharrows Sharrow Airlie Rd Waynick Blvd 6,500 |
| Plan 5-47 | BP-456 BP - 457 SR - 1175 (Kerr Ave.) Bicycle Lanes Bicycle Lanes Randall Pkwy Wrightsville Ave 6,500 5' (Each Side) |
| Plan 5-47 | SR - 1411 (Wrightsville Avenue) BikePed Bicycle Lanes and Improvements Bike Lanes and Sidewalks Dawson St Wood Dale Dr 15,500 5' (Each Side) 5' (Each Side) |
| Plan 5-47 | Burnett Blvd St Andrews Dr 21,800 5' (Each Side) 5' (Each Side) |
| Plan 5-7, 5-10 | Downtown Trail Greenway (Phase I, Boardwalk Bess St 6,600 10' paved St to Burnt Mill Creek) MUP Nutt St Burnt Mill Creek 9,000 10' paved |
| Plan 5-7, 5-10 | BP - 469 SR - 1539 (Ocean Blvd.) MUP MUP S. Lake Park Blvd Dow Rd 4,300 10' paved |
| Plan 5-38 | Front St. Sharrow Sharrow Market ST 1,600 |
| Plan 5-38 | US - 117/NC 132 (N. College Rd.) Central South Smith Ck. Trail MUP MUP Trail Northchase Pkwy 5,900 10' paved |
| Plan 5-38 | US Park Rd. Park 6,300 5' (Each Side) |
| Plan 5-7 | SR - 1217 (17th St. Library Valley Dr. Reeley) NHC Greenway Connection MUP MUP John Barry Dr Library 2,100 10' paved |
| Plan 5-7 | Cross City Trail MUP MUP S Kerr Ave College Rd 3,300 10' paved |
| BP - 857 | Apache Trail MUP | MUP | Watson Trail | Navajo Trail | 1,600 | U2 paved | NHC Greenway Plan 5-57 |
| BP - 858 | Belville Elementary Connector (Belville) MUP | MUP | Belville Elementary neighborhoods | 5,000 | U2 paved | Leland Ped Plan A-24 & A-25 |
| BP - 859 | SR - 1619 Brunswick Forest to Town Creek Park and Schools MUP | MUP | Brunswick Forest Pkwy. | Zion Church Rd. NE | 21,000 | U2 paved | Not signalized | 200' | 15' | asphalt | Leland Ped Plan A-24 & A-25 |
| BP - 860 | US - 74 (Wrightsville Beach Sidewalk Realignment) Sidewalk | Sidewalk | Drawbridge lane shift | Drawbridge lane shift | 760 | 8' vertically separated | Remove SW on north side, shift travel lanes, add MUP on south side. |
| BP - 861 | US - 17 BUS (Market St ) Bicycle Lanes | Bicycle Lanes | Kerr Ave. | 30th St | 5,280 | 5' (Each Side) | NHC Greenway Plan 5-47 |
| BP - 862 | Leland MUP | MUP | NC 133 | US 17 | 17,400 | U2 paved | Leland Ped Plan A-24 |

<p>| BP - 857 | Apache Trail MUP | MUP | Watson Trail | Navajo Trail | 1,600 | U2 paved | NHC Greenway Plan 5-57 |
| BP - 858 | Belville Elementary Connector (Belville) MUP | MUP | Belville Elementary neighborhoods | 5,000 | U2 paved | Leland Ped Plan A-24 &amp; A-25 |
| BP - 859 | SR - 1619 Brunswick Forest to Town Creek Park and Schools MUP | MUP | Brunswick Forest Pkwy. | Zion Church Rd. NE | 21,000 | U2 paved | Not signalized | 200' | 15' | asphalt | Leland Ped Plan A-24 &amp; A-25 |
| BP - 860 | US - 74 (Wrightsville Beach Sidewalk Realignment) Sidewalk | Sidewalk | Drawbridge lane shift | Drawbridge lane shift | 760 | 8' vertically separated | Remove SW on north side, shift travel lanes, add MUP on south side. |
| BP - 861 | US - 17 BUS (Market St ) Bicycle Lanes | Bicycle Lanes | Kerr Ave. | 30th St | 5,280 | 5' (Each Side) | NHC Greenway Plan 5-47 |
| BP - 862 | Leland MUP | MUP | NC 133 | US 17 | 17,400 | U2 paved | Leland Ped Plan A-24 |
| BP - 604 | Lewis Dr &amp; US - 421 (Lake Park Blvd.) | Crosswalk Improvement | 6 | 6 | 10 | painted |
| BP - 619 | US - 421 (Carolina Beach Rd.) &amp; Antoinette Dr. | Crosswalk Improvement | 8 | 8 | 10 | painted |
| BP - 625 | SR - 1197 (River Rd.) &amp; SR - 1227 (Perch Rd.) | Crosswalk Improvement | 6 | 6 | 100 | painted |
| BP - 626 | SR - 1237 (River Rd.) &amp; SR - 1492 (Myrtle Grove Rd.) | Crosswalk Improvement | 6 | 6 | 120 | painted |
| BP - 627 | SR - 1409 (Military Cuttoff Rd.) &amp; SR - 1711/S-132 (S. College Rd.) | Crosswalk Improvement | 4 | 4 | 112 | painted |
| BP - 633 | SR - 1409 (Military Cuttoff Rd.) &amp; SR - 1711/S-132 (S. College Rd.) | Crosswalk Improvement | 2 | 2 | 132 | painted |
| BP - 635 | SR - 1409 (Military Cuttoff Rd.) &amp; SR - 1711/S-132 (S. College Rd.) | Crosswalk Improvement | 2 | 3 | 200 | painted |
| BP - 636 | SR - 1409 (Military Cuttoff Rd.) &amp; SR - 1711/S-132 (S. College Rd.) | Crosswalk Improvement | 4 | 4 | 40 | painted |
| BP - 639 | SR - 1409 (Military Cuttoff Rd.) &amp; SR - 1711/S-132 (S. College Rd.) | Crosswalk Improvement | 2 | In Place | NA | NA |
| BP - 642 | US - 74 (Baldwin Rd.) &amp; US - 76 (N. Lumina) | Crosswalk Improvement | 8 | 8 | 450 | painted |
| BP - 644 | US - 74 (Baldwin Rd.) &amp; US - 76 (N. Lumina) | Crosswalk Improvement | 8 | 8 | 500 | painted |
| BP - 646 | US - 74 (Baldwin Rd.) &amp; US - 76 (N. Lumina) | Crosswalk Improvement | 8 | In Place | NA | NA |
| BP - 647 | US - 74 (Baldwin Rd.) &amp; US - 76 (N. Lumina) | Crosswalk Improvement | In Place | In Place | NA | NA |
| BP - 648 | US - 74 (Baldwin Rd.) &amp; US - 76 (N. Lumina) | Crosswalk Improvement | 2 | In Place | NA | NA |
| BP - 651 | US - 117/NC - 132 (S. College Rd.) &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 8 | 8 | 300 | painted |
| BP - 659 | US - 117/NC - 132 (S. College Rd.) &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 8 | 8 | 300 | painted |
| BP - 661 | US - 17 BUS (Market St.) &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 2 | 2 | 75 | painted |
| BP - 681 | US - 17 BUS (Market St.) &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 2 | In Place | NA | NA |
| BP - 698 | US - 17 BUS (Market St.) &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 2 | In Place | NA | NA |
| BP - 700 | US - 17 BUS (Market St.) &amp; Lullwater Dr. | Crosswalk Improvement | In-place | NA | 10 |
| BP - 722 | N. 3rd St. &amp; Red Cross St. | Crosswalk Improvement | In-place | NA | 10 |
| BP - 744 | 10th St. &amp; US - 76 (Dawson St.) | Crosswalk Improvement | 4 | 6 | 165 | 10 | painted |
| BP - 754 | SR - 1 301 (Princess Place Dr.) and 30th St. | Crosswalk Improvement | in-place | 8 | 30 | 10 | painted |
| BP - 765 | 10th St. &amp; US - 76 (Wooster St.) | Crosswalk Improvement | 4 | 6 | 165 | 10 | painted |
| BP - 774 | SR - 1409 (Military Cutoff Rd.) &amp; Sir Tyler Dr. | Crosswalk Improvement | 4 | 4 | 132 | 10 | painted |
| BP - 775 | SR - 1409 (Military Cutoff Rd.) &amp; Destiny Way/Fresco Dr. | Crosswalk Improvement | 4 | 4 | 132 | 10 | painted |
| BP - 788 | 3rd St. &amp; Brunswick St. | Crosswalk Improvement | in-place | In Place | in place | 10 | in-place |
| BP - 792 | US - 17 BUS (Market St.) &amp; SR - 2219 (N. Green Meadows Dr.) | Crosswalk Improvement | 4 | 4 | 160 | 10 | painted |
| BP - 795 | SR - 2048 (Gordon Rd.) &amp; SR - 2698 (Netherlands Dr.) | Crosswalk Improvement | 4 | 4 | 160 | 10 |
| BP - 834 | SR - 1539 (Ocean Ave.) &amp; Island Greenway | Crosswalk Improvement | Not signalized | 25 | 10 | painted |
| BP - 838 | US - 17 (Ocean Hwy E.) &amp; Olde Waterford Way/SR - 1566 (Poo Rd. SE) | Crosswalk Improvement | 4 | 4 | 280 | 10 | painted |
| BP - 839 | US - 17 (Ocean Hwy E.) &amp; W. Gate Dr./Grandiflora Dr. | Crosswalk Improvement | 6 | 6 | 350 | 10 | painted |
| BP - 842 | US - 17 (Ocean Hwy E.) &amp; SR - 1438 (Lanvale Rd. NE)/Provision Parkway | Crosswalk Improvement | 12 | 12 | 584 | 10 | painted |
| BP - 843 | SR - 1 573 (K Ave.) &amp; US - 421 (Fort Fisher Blvd N.) | Crosswalk Improvement | 9 | 8 | 260 | 10 | painted |
| BP - 845 | Harper Ave. &amp; Canat Dr. | Intersection Improvements | 2 | 2 | in place | 10 |
| BP - 846 | N. Josephine Ave &amp; N. Lake Park Blvd. | Intersection Improvements | in-place | Not signalized | 40 | 10 | painted |</p>
<table>
<thead>
<tr>
<th>BP</th>
<th>Description</th>
<th>Improvement Type</th>
<th>Count</th>
<th>Signalization</th>
<th>Speed Limit</th>
<th>Pedestrian Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 849</td>
<td>US - 421 (S. Lake Park Blvd.) and Driftwood Ln. Intersection Improvements</td>
<td>Crosswalk Improvement</td>
<td>2</td>
<td>Not signalized</td>
<td>40</td>
<td>Painted</td>
</tr>
<tr>
<td>BP 851</td>
<td>US - 421 (S. Lake Park Blvd.) &amp; North Carolina Ave. Intersection Improvements</td>
<td>Crosswalk Improvement</td>
<td>2</td>
<td>Not signalized</td>
<td>40</td>
<td>Painted</td>
</tr>
<tr>
<td>BP 852</td>
<td>US - 421 (S. Lake Park Blvd.) &amp; South Carolina Ave. Intersection Improvements</td>
<td>Crosswalk Improvement</td>
<td>2</td>
<td>Not signalized</td>
<td>40</td>
<td>Painted</td>
</tr>
<tr>
<td>BP 853</td>
<td>US - 421 (S. Lake Park Blvd.) &amp; Texas Ave. Intersection Improvements</td>
<td>Crosswalk Improvement</td>
<td>2</td>
<td>Not signalized</td>
<td>40</td>
<td>Painted</td>
</tr>
<tr>
<td>BP 854</td>
<td>Harper Ave. &amp; N. 7th St. Intersection Improvements</td>
<td>Crosswalk Improvement</td>
<td>2</td>
<td>Not signalized</td>
<td>40</td>
<td>Painted</td>
</tr>
<tr>
<td>BP 855</td>
<td>US - 421 Carolina Beach Rd., &amp; Echo Farms Blvd./George Anderson Crossing Improvements</td>
<td>Crosswalk Improvement</td>
<td>12</td>
<td>8</td>
<td>500</td>
<td>Painted</td>
</tr>
</tbody>
</table>
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
Direct Attributable Funding Request Submittal Form – Background Information

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:

_________________________________________________________________________

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_________________________________________________________________________
## STBGP Eligibility

<table>
<thead>
<tr>
<th>Eligible</th>
<th>Criteria Description</th>
<th>Applicable Functional Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Construction, recon...</td>
<td>Interstate</td>
</tr>
<tr>
<td>□</td>
<td>Construction, reconstr...</td>
<td>X</td>
</tr>
<tr>
<td>□</td>
<td>Replacement (including replacement with fill material)...</td>
<td>X</td>
</tr>
<tr>
<td>□</td>
<td>Inspection and evaluation of bridges and tunnels...</td>
<td>X</td>
</tr>
<tr>
<td>☐</td>
<td>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.</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>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.</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>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.</td>
<td>☒</td>
</tr>
<tr>
<td>☐</td>
<td>Capital and operating costs for traffic monitoring, management, and control facilities and programs, including advanced truck stop electrification systems.</td>
<td>☒</td>
</tr>
<tr>
<td>☐</td>
<td>Transportation alternatives</td>
<td>☒</td>
</tr>
<tr>
<td>☐</td>
<td>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)).</td>
<td>☒</td>
</tr>
<tr>
<td>☐</td>
<td>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)</td>
<td>☒</td>
</tr>
<tr>
<td>☐</td>
<td>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 &quot;F&quot; during peak travel hours, calculated in accordance with the Highway Capacity Manual issued by the Transportation Research Board; and (C) are located</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>on a Federal-aid highway.</td>
<td></td>
</tr>
<tr>
<td>---</td>
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</tr>
<tr>
<td></td>
<td>Infrastructure-based intelligent transportation systems capital improvements</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>Projects and strategies designed to support congestion pricing, including electric toll collection and travel demand management strategies and programs</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>A project that, if located within the boundaries of a port terminal, includes only such surface transportation infrastructure modifications as are necessary to facilitate direct intermodal interchange, transfer, and access into and out of the port.</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Construction and operational improvements for any minor collector if - (A) the minor collector, and the project to be carried out with respect to the minor collector, are in the same corridor as, and in proximity to, a Federal-aid highway designated as part of the National Highway System; (B) the construction or improvements will enhance the level of service on the Federal-aid highway described in subparagraph (A) and improve regional traffic flow; and (C) the construction or improvements are more cost-effective, as determined by a benefit-cost analysis, than an improvement to the Federal-aid highway described in subparagraph (A).</td>
<td>☐</td>
</tr>
</tbody>
</table>
## TASA Eligibility

<table>
<thead>
<tr>
<th>Eligible</th>
<th>Criteria Description</th>
<th>Applicable Functional Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>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.).</td>
<td>Interstate</td>
</tr>
<tr>
<td>☐</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>☐</td>
<td>Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users.</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>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.</td>
<td>☐</td>
</tr>
</tbody>
</table>
For Guidance in filling out this application, please refer to Submittal Guide.

## Project Preference Points: (19 point maximum)

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

- [ ] 1<sup>st</sup> Year applying for funds for this project (0 points)
- [ ] 2<sup>nd</sup> Year applying for funds for this project (1 point)
- [ ] 3<sup>rd</sup> Year applying for funds for this project (2 points)
- [ ] 4<sup>th</sup> Year applying for funds for this project (3 points)
- [ ] 5<sup>th</sup> 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 (0 points)
- [ ] 2020-2030 (1 point)
- [ ] 2010-2020 (3 points)

(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)

<table>
<thead>
<tr>
<th>Disqualified:</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

(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
0 < V/C < 0.5 (1 point)

Estimated Volume to Capacity Ratio Reduction resulting from Project

- >10% (0 points)
- 10% (1 point)
- 20% (1 point)
- 30%+ (3 points)

Travel Demand (Provide documentation – i.e. photos, traffic counts, etc.)

- Yes – Provides/expands a facility where a documented demand is present (i.e. goat path, etc.) (5 points)
- No – Does not have documented demand. (0 points)

Closing a Gap / Extensions

- Closing an internal gap in total facility/route length > 2 miles (3 points)
- Closing an internal gap in total facility/route length > 0.5 miles (1 point)
- Extension making total facility/route length > 2 miles (3 points)
- Does not close gap and proposed facility/route length > 2 miles (0 points)

Major Obstacles

- Provides/improves connection/route across or along a river, railroad, or limited-access freeway (5 points)
- Implementation of a documented collector street plan (5 points)
- Provides proper connection across a multi-lane facility (5 points)
- Provides separation of transit from other traffic (i.e. bus pullouts, transit lanes, etc.) (5 points)
- None (0 points)

(WMPO INTERNAL USE ONLY) Total Congestion and Mobility Points: / 26

Accessibility: (17 point maximum)

- ADA Compliance
  - Project provides upgrades to existing facilities to be ADA compliant (3 points)
  - Project provides ADA compliant connection to transit or pedestrian facility
or

No improvements to bring facility into ADA compliance (3 points)

(0 points)

b. **Proximity to School (only for projects that include pedestrian facility improvements – Item a)**

- Project is located within ½ mile of a school(s)
  
  ________ (# of Schools) x 3 points each = ________

- Project is located within 1 mile of a school(s)
  
  ________ (# of Schools) x 2 points each = ________

- Project is located within 1 ½ mile of a school(s)
  
  ________ (# of Schools) x 1 point each = ________

- 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)**

- 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 = ________

- 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)

(WMPO INTERNAL USE ONLY) **Total Accessibility Points:** / 17

---

5. **Safety:** (11 point maximum)

a. **Number of Crashes**

- More than 14 accidents or 1 fatality have been recorded within project limits (5 points)

- 5 – 14 accidents have been recorded within project limits (3 points)

- Less than 5 accidents have been recorded within project limits (1 point)

- No accidents have been recorded within project limits (0 points)

c. **Crash Reduction Factors**

- CRF< 10% (0 points)

- CRF> 10% (1 point)

- CRF> 20% (2 points)

- CRF> 30% (3 points)

- CRF> 40%
6. **Sustainability:** (9 point maximum)

a. **Maintenance Plan – Project has a documented maintenance plan**

- Yes  
  - (3 points)
- No  
  - (0 points)
- No  
  - (0 points)

(WMPO INTERNAL USE ONLY) Total Sustainability Points: / 9

(WMPO INTERNAL USE ONLY) Total Project Points: / 93

### Project Cost Table

<table>
<thead>
<tr>
<th>Cost of NEPA/Design Phase:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of Right-of-Way Phase:</td>
</tr>
<tr>
<td>Cost of Construction Phase:</td>
</tr>
</tbody>
</table>

**Total Cost of Project: **

**Local Match Percentage: **

**Total Fund Request: **

### Funding Year Request (Federal Amount requested per Phase per Fiscal Year)

<table>
<thead>
<tr>
<th>Federal Fiscal Year</th>
<th>NEPA/Design Phase</th>
<th>Right-of-Way Phase</th>
<th>Construction Phase</th>
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<tbody>
<tr>
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<td></td>
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</tbody>
</table>

**Cost Effectiveness - Benefit / Cost Ratio**

The following formula will be used to determine project ranking:

\[
\frac{(\text{Total Points} - \text{Preference Points})}{\text{Project cost}} + \frac{\text{Preference Points}}{0.0102 \times \text{Project Cost} + 4622.2} = 19
\]

*(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 Section106 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, jconforti@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
**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.
U-5534G – HOOKER ROAD MULTI-USE PATH (Design)
Project Descriptions/Scope: The project consists 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 an 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 Description/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 Description/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 Description/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
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/](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.
February 5, 2019

WMPO – Brunswick, Pender, and New Hanover Counties

**Project Update List for Brunswick County**

**Projects Under Construction – Brunswick County**

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Description</th>
<th>Estimated Completion Date</th>
<th>Percent Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-5783A/B</td>
<td>(TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.</td>
<td>January 2019</td>
<td></td>
</tr>
<tr>
<td>W-5703I</td>
<td>Hickman Rd at Ash-Little Rd Install Flashers</td>
<td>February 2019</td>
<td></td>
</tr>
<tr>
<td>R-2633 BA</td>
<td>(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.</td>
<td>February 2019 (inclusive of punch list and vegetation period)</td>
<td>90.7%</td>
</tr>
<tr>
<td>R-2633D</td>
<td>(I-140 ITS: C204080) Intelligent Transportation System for I-140 (Wilmington Bypass) in Brunswick and New Hanover Counties – Communications Cable and Conduit Routing</td>
<td>May 2019</td>
<td>60.09%</td>
</tr>
<tr>
<td>NC24/US 17 Primary Routes</td>
<td>(NC24/US 17 Primary Routes: DC00234) Plant bed maintenance in Brunswick, New Hanover, Onslow, and Pender counties</td>
<td>November 2019</td>
<td>0%</td>
</tr>
<tr>
<td>R-3601(L)</td>
<td>(US 74/76 and NC 133 Landscaping: DC00231) Landscaping contract</td>
<td>May 2020</td>
<td>20.63%</td>
</tr>
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</table>
**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

<table>
<thead>
<tr>
<th>Project Timeline Table</th>
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</tr>
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<tbody>
<tr>
<td><strong>Milestone</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td>Public meeting</td>
<td>Spring 2019</td>
</tr>
<tr>
<td>Environmental document</td>
<td>Spring 2020</td>
</tr>
<tr>
<td>Public hearing</td>
<td>Summer 2020</td>
</tr>
<tr>
<td>Environmental decision document</td>
<td>Summer 2021</td>
</tr>
<tr>
<td>Right of way acquisition begins in N.C.</td>
<td>TBD</td>
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<tr>
<td>Right of way acquisition begins in S.C.</td>
<td>2021</td>
</tr>
<tr>
<td>Construction begins</td>
<td>TBD</td>
</tr>
</tbody>
</table>

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

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 (Marlowntown 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 (Rustown 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:**

**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)

**3FE.10101 (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 Prkway 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%

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**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-5726**: 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%*

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**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*

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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
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.**
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 through November 30th. The survey can be found at [https://publicinput.com/ncmoves](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](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.