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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: April 4, 2019
SUBJECT: April 10th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, April 10, 2019 at 10 am. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentation
 - a. Wilmington Urban Area MPO GIS Data Hub- Michael Madsen, WMPO
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- March 13, 2019
 - b. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1
 - c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2
 - d. Opening of the 30-day public comment period for 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-2
- 5) Regular Agenda
 - a. Resolution supporting the Bike/Walk NC's efforts of requesting the North Carolina General Assembly to end the prohibition on state funding, allow for the design, development and construction of stand-alone Bicycle and Pedestrian Projects that facilitate safe active transportation facilities, and encouraging the General Assembly to consider codification of North Carolina's Complete Streets Policy
- 6) Discussion
 - a. Resilient Transportation Infrastructure Priorities
 - b. Supplemental Funding for TMAs- FY19 Appropriations
 - c. Direct Attributable Funding Swap
- 7) Updates
 - a. Crossing over the Cape Fear River

Wilmington Urban Area Metropolitan Planning Organization

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- b. Wilmington Urban Area MPO
 - c. Cape Fear Public Transportation Authority
 - d. NCDOT Division
 - e. NCDOT Transportation Planning Division
- 8) Announcements
- a. Bike/Pedestrian Committee Meeting- April 14th
 - b. Cape Fear Crossing Public Hearings- April 29th and 30th
- 9) Next meeting- May 15, 2019

Attachments:

- TCC Meeting Minutes- March 13, 2019
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-2
- BikeWalk NC Sample Letter
- Resolution supporting the Bike/Walk NC's efforts of requesting the North Carolina General Assembly to end the prohibition on state funding, allow for the design, development and construction of stand-alone Bicycle and Pedestrian Projects that facilitate safe active transportation facilities, and encouraging the NC General Assembly to consider codification of North Carolina's Complete Streets Policy
- Resilient Transportation Infrastructure Priorities Memorandum
- Supplemental Funding for TMAs FY19 Appropriations Memorandum
- Direct Attributable Funding Swap Memorandum
- Cape Fear River Crossing Update (April)
- Wilmington Urban Area MPO Project Update (April)
- Cape Fear Public Transportation Authority Update (April)
- NCDOT Division Project Update (April)
- NCDOT Transportation Planning Division Project Update (April)

**Wilmington Urban Area
Technical Coordinating Committee
Wednesday, March 13, 2019
Meeting Minutes**

Members Present

Don Bennett, City of Wilmington
Amy Kimes, Wilmington MPO
Nick Cannon, Wilmington MPO
Ed Parvin, Town of Carolina Beach
Nancy Avery, Town of Kure Beach
Danielle Villegas, Town of Wrightsville
Beach
Rebekah Roth, New Hanover County
Stephanie Ayers, North Carolina
State Ports

Ashli Barefoot, Town of Leland
Helen Bunch, Brunswick County
Allen Serkin, Cape Fear Council of
Governments
Caitlin Marks, NCDOT Division of
Highways
Nazia Sarder, NCDOT Planning
Albert Eby, Cape Fear Public
Transportation

1) Call to Order

Mr. Bennett called the meeting to order at 10:03 a.m.

2) Approval of the Agenda

Mr. Serkin made a motion to approve the agenda as presented, seconded by Mr. Eby, and the motion carried unanimously.

3) Presentations

a. Town of Carolina Beach Pedestrian Plan – Ed Parvin, Town of Carolina Beach

Ed Parvin, Assistant Town Manager, Town of Carolina Beach, gave an overview of the Town's Pedestrian Plan, which began with grant applications in 2015 and finished last summer. He identified Jerry Haire as the planner in charge, John Vine-Hodge as DOT administration, and VHB as the contractor. He noted that the main goals of the plan were safety, grant funding, and community support.

Mr. Parvin stated that a steering committee met during the year and a half process. He noted that community outreach included a public survey with more than 1,000 respondents out of a total population of 6,000-plus residents, and two well-attended public workshops over two days.

Mr. Parvin stated that the plan connects major destinations including the beach, the downtown area, Carolina Beach Lake, the school, and the parks. Last Friday, the Town completed the Island Greenway from Alabama Avenue to Chapel Park. In addition, the bike-pedestrian committee has continued to meet during the last nine months following adoption of the plan.

Mr. Parvin gave an overview of the priorities of the plan including a recommendation of 90-foot right-of-ways to accommodate multi-use paths or sidewalks. He added that many flashing lights and crosswalk improvements have been implemented as part of intersection projects on three DOT roads: Lake Park Boulevard, Dow Road, and Ocean Boulevard.

Mr. Parvin stated that the bike-pedestrian committee is working on implementation of the plan that outlines educational outreach, bike routes and signage, bicycle-pedestrian encouragement programs, a route map, and a safety

program that is currently in progress in cooperation with the town's Police Department. He added that Clarendon Avenue, the top project in the pedestrian plan will connect the school, Chapel Park and the greenway, has gained additional support and is expected to begin soon. He requested the TCC's approval.

A brief question/answer and discussion period was held. Mr. Parvin pointed out that the plan garners support for improvements that will benefit the entire community.

b. Military Ocean Terminal Sunny Point Joint Land Use Study – Allen Serkin, Cape Fear Council of Governments

Allen Serkin, Local Government Services Director, Cape Fear Council of Governments (COG), stated that the Military Ocean Terminal Sunny Point (MOTSU) approached the COG about applying for a Department of Defense grant for a Joint Land Use Study. He explained that the COG was identified as the likely lead sponsor since the study area impacts portions of the Wilmington MPO as well as the Cape Fear RPO.

Mr. Serkin stated that the purpose of the Joint Land-Use Study (JLUS) was to identify and mitigate barriers of long-term sustainability of Sunny Point's mission to promote compatibility between civilian land uses and military operational requirements, to strengthen coordination and communication between local governments and Sunny Point, and to raise public understanding of Sunny Point broadly as well as provide some compatible growth issues.

Mr. Serkin gave an overview of study partners and the study area. He noted that the steering committee was structured with an advisory committee of staff members, and a policy committee including the Sunny Point Commander and elected officials from the participating jurisdictions. He added that a number of public meetings and policy committee meetings were held, which will be followed by additional public meetings in May and a final document to be adopted by early summer.

Mr. Serkin stated that the study area included the three miles around the main Sunny Point Terminal, the Pleasure Island buffer zone, and $\frac{3}{4}$ mile on either side of the rail corridor that connects Sunny Point to the Leland Interchange Yard. He added that the area spans two counties and five municipalities.

Mr. Serkin stated that Sunny Point is an ammunitions transshipment terminal built in the 1950s for safety in response to the ammunitions explosion of a decade earlier at Port Chicago in the San Francisco Bay area. He explained that the Sunny Point Terminal stages ammunition temporarily while waiting to be shipped, and is neither an ammunition depot nor an armory. The storage facility is comprised of three geographically separate areas with an 8,600-acre main terminal and 2,200-acre Pleasure Island buffer zone connected by a 16-mile rail line to the 650-acre Leland Interchange Yard.

Mr. Serkin stated that Sunny Point offers critical defense capabilities and more capacity than all of the other ammunitions shipping terminals and facilities

combined. He noted that the terminal is similar to the Port of Wilmington with cranes moving containers from ships to trains, etc. He added that 85% of ammunitions were shipped through MOTSU during the Vietnam War, and about 90% today. He noted that the current workload of the active freight terminal in terms of tons of freight is about half of what it was in 2010.

Mr. Serkin stated that most freight is shipped via the main CSX rail line through the Davis Yard in Navassa, continuing through Leland to the Leland Interchange Yard where CSX drops it for Army locomotives to pick up and transport by rail through Leland under US-17, through Brunswick Forest and the Town of Boiling Springs Lakes, across NC-133/River Road, and into the terminal. He noted that a small portion is shipped via truck. However, trucks were entirely relied upon after the hurricane that disabled the rail line. Also, a small portion of ammunition that tests invalid is shipped in the opposite direction – from the ship to the terminal and ultimately to depots for destruction.

Mr. Serkin gave an overview of areas of compatibility that include maintaining full use of the explosive safety zone when not in transit; managing and maintaining safe transportation access; and maintaining a minimal level of environmental constraint. Recommendations of the study related to the TCC include:

1. Expanding TCC membership to include representation from Sunny Point;
2. Monitoring of the State Port property by the local government;
3. Temporarily expanding the restricted area of the Cape Fear River;
4. Seeking opportunities to elevate at-grade rail crossings from I-140 to at least River Road
5. Identifying potential impacts of the highway on Sunny Point operations;
6. Establishing redundant rail access to the Leland Interchange, such as with the Whiteville to Malmö line or the Castle Hayne to Wallace corridor;
7. Coordinating with the Ferry Division on the ferry expansion;
8. Including Sunny Point's needs in the transportation planning efforts of the MPO, the RPO and individual local jurisdictions.

Mr. Serkin stated that more information about the study is online at www.capefearcog.org/sunnypoint/.

A brief question/answer and discussion period was held.

c. “Be A Looker” Campaign – Nick Cannon, Wilmington Urban Area MPO

Nick Cannon, TDM/Go Coast Coordinator, WMPO, stated that the “Be A Looker” Campaign has similar pedestrian safety objectives as the “Watch for Me NC” program, and former “See, Share, Be Aware” campaign. He noted that these grants are administered through law enforcement and have become less of a priority with increased stipulations and reporting requirements. He added that the intent of the new campaign is designed to be more specific to this area, to save some lives, and to reduce bicycle and pedestrian accidents on the roadways.

Mr. Cannon stated that the first objective of the campaign is to educate drivers on the rules of the road regarding safety for cyclists and pedestrians as a legitimate

mode of transportation. The campaign will also promote the values of health and safety, quality of life, and transportation alternatives to driving. It will target drivers of motor vehicles primarily, as well as cyclists and pedestrians.

Mr. Cannon stated that marketing will include the following:

- Wave Transit shuttles (207 Brunswick Connector, 107 South College Road) for all six months of the campaign (117,000 impressions);
- Digital billboards for all six months (169,000 impressions per month);
- Email blasts to a list of more than 12,000 community members;
- Press releases to all media outlets;
- E-mails and on-campus programs at major employers;
- Social media posts and paid ads

Mr. Cannon stated that the campaign runs from April 1st through September 30th. He added that May is National Bike Month, and that the bike share program is anticipated to begin sometime in 2019 conditioned upon obtaining sponsorships. He displayed promotional material for the “Be A Looker” campaign. He noted that the number of impressions and interactions would be the measure success. Features of the campaign, including a pledge, will be available online at www.wmpo.org/bealooker.

In response to an inquiry by Ms. Ayers, Mr. Cannon stated that promotional materials are designed to drive people to the website where more details are available.

Mr. Eby requested that the addition of educational materials for drivers regarding pedestrian crossings with HAWK signals.

In response to an inquiry by Ms. Marks, Mr. Cannon stated that the bike share program would be stationed and does not include scooters.

Mr. Cannon encouraged members to e-mail him with any further questions.

Mr. Bennett suggested including Jimmy John’s sandwich shop in the campaign whose drivers use either cars or bicycles for deliveries.

d. NC Moves 2050 Plan – Nazia Sarder, NCDOT

Nazia Sarder, Transportation Engineer III, NCDOT Transportation Planning Unit, distributed handouts regarding the NC Moves 2050 Plan, NCDOT’s long-range transportation plan currently in progress. She stated that transportation has evolved fairly slowly during the past 100 years compared to what is anticipated during the next 30 years. She noted that the 2050 Plan would include a strong focus on technology trends.

Ms. Sarder gave a brief overview of the planning process and encouraged planning partners to remain engaged throughout the process. She stated that an interactive map at www.ncdot.gov/ncmoves has received more than 600 responses to date identifying transportation needs in each area. Public engagement will continue this spring and, for this region, the plan will have a presence at the NC Azalea Festival in April.

Ms. Sarder stated that planning for uncertainties includes population growth of four million by 2050, an increase in health and technology economic sectors, and a decline in manufacturing and agricultural sectors. She noted that 90% of North Carolina's 46 million annual visitors drove to the state in 2017. She added that funding will continue to be a challenge, autonomous vehicles will be the majority of new vehicle sales in 20 years, and security and resiliency will continue to be a concern. She requested that members provide top transportation concerns and any that may have been omitted from the eight categories. She noted that her team would be available to answer any questions regarding the plan.

Ms. Ayers expressed concerns regarding strategizing priorities and prioritizing projects to maximize cooperation and the use of assets. She also suggested considering cultural changes since future generations can have very different ideas about transportation.

Other concerns included land use changes, environmental changes, access especially during natural disasters, development and public street requirements, and transportation of residents versus tourists.

Leta Huntsinger, Project Manager, WSP, stated that the uncertainties help identify potential futures for North Carolina. She noted that this is an attempt to categorize concerns in the face of anticipated changes. She added that climate-change, resiliency, unprecedented growth, tourism, demographics and land use have been included. She noted that respondents want changes to and greater diversity in transportation options.

Mr. Serkin expressed interest in exploring tourism or retirement components.

Ms. Ayers expressed an interest in pursuing the technology component for transportation solutions.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes - February 13, 2019**
- b. Resolution amending the FY 2019 Unified Planning Work Program**
- c. Resolution adopting the Town of Carolina Beach Pedestrian Plan**

Ms. Avery made a motion to approve the Consent Agenda, Items 3a, 3b and 3c, and to forward them to the MPO Board for consideration. Ms. Barefoot seconded the motion, and it carried unanimously.

5) Regular Agenda

- a. Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's FY 2020 Unified Planning Work Program**

Ms. Kimes stated that this resolution needs to be adopted by the Board this month.

Ms. Bunch made a motion to approve the Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's FY 2020 Unified Planning Work Program, seconded by Ms. Avery, and the motion carried unanimously.

b. **Resolution Certifying the Transportation Planning Process for the Wilmington Urban Area Metropolitan Planning Organization**

Ms. Moore stated that this certification is required annually from the Board. She noted that the resolution states that the MPO's planning process follows federal requirements.

Ms. Roth made a motion to approve the Resolution Certifying the Transportation Planning Process for the Wilmington Urban Area Metropolitan Planning Organization. Mr. Parvin seconded the motion, and it carried unanimously.

c. **Resolution adopting the FY 2020-2024 Surface Transportation Block Grant Program-Direct Attributable (STBGP-DA) and Transportation Alternatives Set Aside- Direct Attributable (TASA-DA) Program Submittal Guide and Competitive Process**

Ms. Kimes stated that this would expand the process to five years. She added that no comments or concerns were received since last month's presentation.

Ms. Avery made a motion to approve the Resolution adopting the FY 2020-2024 Surface Transportation Block Grant Program-Direct Attributable (STBGP-DA) and Transportation Alternatives Set Aside- Direct Attributable (TASA-DA) Program Submittal Guide and Competitive Process. Ms. Ayers seconded the motion, and it carried unanimously.

6) **Discussion**

a. **2018-2027 STIP/MPO TIP Administrative Modification #19-2**

Ms. Kimes stated that this item was included in the agenda packet for informational purposes only.

b. **Cape Fear Moving Forward 2045 Financial Forecast and Alternative Funding Sources**

Leta Huntsinger, Project Manager, WSP, gave an update on the financial forecast for the Cape Fear Moving Forward 2045 Metropolitan Transportation Plan. She stated that project cost estimating is about 80% complete. She requested some direction regarding the alternative funding plan to help bridge the gap between traditional funding and the cost of projects in order to get more projects into the plan. She noted that the ones that do not make the fiscally constrained list can be placed on an illustrative list with identified funding for study.

Ms. Huntsinger gave an overview of the financial forecasting process. She stated that historic data was entered into a model to help forecast capital funding for plan development. She noted that Wilmington is somewhat unique in that it includes all modes of transportation. She pointed out that the Wilmington MPO has been successful in programming projects into the Transportation Improvement Program (TIP).

Ms. Huntsinger stated that transit has lost access to some funding due to the growth of the region. She commented that a dedicated funding source for transit should be considered. She noted that funding for ferries has seen modest growth, while aviation funding has remained relatively flat. In addition, rail funding also experienced a decrease due to some sources that are no longer available.

Although, \$41.4 million was recently awarded for rail safety improvements, grants are not traditionally included the financial forecast.

Ms. Ayers expressed concerns regarding news of the rail grant.

Mr. Serkin expressed concerns regarding the change in funding structure during the period examined.

Ms. Huntsinger responded that incorporating it into the model would have created an inconsistency in data sources. She added that the financial forecast is only a snapshot in time. She noted that no drastic changes have emerged yet.

Mr. Bennett pointed out that the 66% growth in highway funding is only locally within the MPO region. He also noted that a bicycle registration fund for bicycle facilities is currently being considered in the legislature.

In response to an inquiry by Mr. Serkin, Ms. Huntsinger stated that although operations and maintenance were also studied, capital funding is the focus of this forecast.

Ms. Huntsinger stated that alternative funding sources for the last MTP were reviewed (none of which were implemented in the last plan), and new ones were sought and vetted by subject matter experts to address the anticipated funding gap with options that could be reasonably implemented. More innovative strategies were put aside for further research for a future plan. Existing alternatives included a quarter-cent local option sales tax and/or one specific for transit, vehicle registration fees, vehicle license tax, vehicle rental tax, and tolling. She gave an overview of several grant and loan programs, as well as bonds and financing mechanisms that could be used to advance projects.

Concerns were expressed regarding the viability of transportation impact fees, and the complexity of counties administering a ¼-cent sales tax.

Ms. Huntsinger requested some feedback regarding alternative funding sources that should be researched further.

Discussion ensued regarding communicating the implications of funding and/or the lack of funding scenarios to the community.

Ms. Huntsinger stated that the Citizens Advisory Committee (CAC) suggested additional funding alternatives focusing on the impact of tourism and new development, and benchmarking research to capture funds from visitors. She questioned whether hotel occupancy tax could be increased and earmarked to support transportation. She noted that the statewide plan is researching partnerships that go hand-in-hand with travel and tourism. She added that a marina or dockage fee was also suggested.

Ms. Huntsinger requested feedback from the group regarding the CAC's recommendations and any missing alternatives.

Mr. Bennett expressed doubt as to the flexibility of implementing some of the recommendations.

Ms. Huntsinger stated that non-resident fees are not allowed currently in North Carolina. As far as using transponders to differentiate nonresidents, tolling would only be allowed on new facilities. She added that the Triangle region and Charlotte are contemplating managed lanes; but have more freeways.

Further discussion was held regarding capturing tourism dollars for transportation.

Ms. Ayers expressed concerns regarding the lack of a park-and-ride/transit/trolley/bus service to the beaches, which would require its own funding mechanism. She pointed out that high-end residential housing development is preferred over transportation solutions.

Mr. Eby pointed out that priority is given to visitors over those who serve them.

Ms. Ayers stated that Wrightsville Beach is removing parking and developing a park/community area by Johnny Mercer's Pier. She suggested a bus drop off and shuttle to under-used parking at UNCW.

Mr. Eby stated that the model already exists with WAVE taking 1,500 students there during Beach Blast on the first day of school. However, elected officials do not currently support it.

Mr. Serkin pointed out that alternative funding sources could be used in the prioritization process to leverage other funds.

Ms. Avery expressed concerns regarding the loss of parking revenues to accommodate visitors. She noted that a portion of the Room Occupancy Tax (ROT) is used for marketing the Town, and about \$180,000 of it is for lifeguards. She explained that the county's efforts to collect ROT were previously limited, but are expanding.

In regard to next steps, Ms. Moore stated that the financial forecast update will be given at the next Board meeting, and that staff will bring the recommendations to the Board for consideration in April.

It was the consensus of the Committee to advance the alternative funding options with the addition of the potential bicycle registration fee to the Board.

Mr. Serkin reminded Ms. Huntsinger about a prioritization-related alternative funding source. She responded that it would likely shift the order of projects; but not necessarily be a new source of money over the life of the plan.

Mr. Serkin stated that it could create additional state funding available only to the region and shift the historical track. Ms. Huntsinger responded that she would research a program to leverage those funds, and return to the group when the forecast is complete.

7) **Updates**

Updates are included in the agenda packet.

8) **Announcements**

- a. **Bike/Pedestrian Committee Meeting: March 12th**
- b. **Next TCC meeting: April 10th**

9) **Additional Items**

Ms. Kimes announced that Eloise Amelia Lorenzo, 6 lbs. 4 oz., was born a week ago Tuesday at 5:44 a.m.

Ms. Sarder reminded members to list their top transportation priorities and to add any that have been omitted for the NC Moves 2050 Plan.

10) **Adjournment**

With no further items, the meeting was adjourned at 12:15 p.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.**

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

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

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

* U-6201
NEW HANOVER
PROJ.CATEGORY
DIVISION

SR 1175 (KERR AVENUE), SR 1411
(WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER
DRIVE). CONSTRUCT ROADWAY ON NEW
LOCATION.

**PROGRAMMED FOR PLANNING AND
ENVIRONMENTAL STUDY ONLY TO EXPEDITE
DELIVERY OF NEW STI PROJECT.**

* U-6202
NEW HANOVER
PROJ.CATEGORY
DIVISION

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.**

M-0534DIV
STATEWIDE
PROJ.CATEGORY
DIVISION

HYDRAULICS, PRELIMINARY ENGINEERING FOR
THE HIGHWAY FLOODPLAIN PROGRAM (HFP)
TO FACILITATE FEDERAL EMERGENCY
MANAGEMENT AGENCY (FEMA) AND NATIONAL
FLOOD INSURANCE PROGRAM (NFIP)
COMPLIANCE AND FLOOD RESILIENCE.
**ADDED AT THE REQUEST OF NCDOT'S
HYDRAULICS UNIT.**

STATEWIDE

ENGINEERING

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

M-0534REG
STATEWIDE
PROJ.CATEGORY
REGIONAL

HYDRAULICS, PRELIMINARY ENGINEERING FOR
THE HIGHWAY FLOODPLAIN PROGRAM (HFP)
TO FACILITATE FEDERAL EMERGENCY
MANAGEMENT AGENCY (FEMA) AND NATIONAL
FLOOD INSURANCE PROGRAM (NFIP)
COMPLIANCE AND FLOOD RESILIENCE.
**ADDED AT THE REQUEST OF NCDOT'S
HYDRAULICS UNIT.**

STATEWIDE

ENGINEERING

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

M-0534SW
STATEWIDE
PROJ.CATEGORY
STATEWIDE

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

FY 2019 - \$800,000 (T)
\$800,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #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 amend the adopted 2018-2027 State/MPO Transportation Improvement Programs for Amendment #19-1; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has conducted a 30-day public comment period to receive citizen input on this proposed amendment.

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

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on April 24, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-2 (March 2019)

<p>* W-5703DIV BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON PROJ.CATEGORY DIVISION</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u></p>	<p>RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - \$180,000 (HSIP) \$210,000</p>
<p>* W-5703REG BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON PROJ.CATEGORY REGIONAL</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u></p>	<p>RIGHT OF WAY CONSTRUCTION</p>	<p>FY 2019 - \$30,000 (HSIP) FY 2019 - \$180,000 (HSIP) \$210,000</p>
<p>* W-5703SW BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON PROJ.CATEGORY STATEWIDE</p>	<p>VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u></p>	<p>RIGHT OF WAY CONSTRUCTION</p>	<p>FY 2019 - \$40,000 (HSIP) FY 2019 - \$240,000 (HSIP) \$280,000</p>

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-2 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 #19-2.

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 #19-2.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on April 24, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-2 (April 2019)

<p>* EB-6027 NEW HANOVER DIVISION PROJ.CATEGORY</p>	<p>SR 1403 (MIDDLE SOUND LOOP), SR 2892 (LENDIRE ROAD), OGDEN BUSINESS LANE, CONSTRUCT MULTIUSE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE. <u>PROJECT ADDED AT REQUEST OF MPO.</u></p>	<p>ENGINEERING</p>	<p>FY 2019 - \$244,000 (TADA) FY 2019 - <u>\$61,000 (L)</u> \$305,000</p>
<p>* EB-6028 NEW HANOVER DIVISION PROJ.CATEGORY</p>	<p>WILMINGTON, CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET. <u>PROJECT ADDED AT REQUEST OF MPO.</u></p>	<p>ENGINEERING CONSTRUCTION</p>	<p>FY 2019 - \$60,000 (TADA) FY 2019 - \$15,000 (L) FY 2020 - \$100,000 (TADA) FY 2020 - <u>\$25,000 (L)</u> \$200,000</p>
<p>* EB-6029 NEW HANOVER DIVISION PROJ.CATEGORY</p>	<p>CARENDON AVENUE, CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD). <u>PROJECT ADDED AT REQUEST OF MPO.</u></p>	<p>ENGINEERING CONSTRUCTION</p>	<p>FY 2019 - \$29,000 (TADA) FY 2019 - \$8,000 (L) FY 2019 - \$516,000 (TADA) FY 2019 - <u>\$129,000 (L)</u> \$682,000</p>

March 2, 2019

Dear Governor Cooper and members of the North Carolina General Assembly,

Help make North Carolina safe for active transportation and invest in roadway designs that benefit cyclists, pedestrians, and entire communities! Active transportation promotes economic development, benefits our physical and mental health, and fosters a clean, energy efficient environment..

In 2013 when the North Carolina Department of Transportation (NCDOT) adopted its goals of implementing its "comprehensive statewide plan for improving bicycling and walking conditions across North Carolina", it focused on five main principles – mobility, safety, health, the economy and the environment. The NC General Assembly that same year, defunded that plan and has since directed NCDOT to spend billions of tax dollars on limited use roadway and turnpike projects, while defunding active transportation.

For six years, North Carolina has not funded any stand-alone bicycle or pedestrian projects. Rural and urban counties across the state have active transportation plans and projects that remain unfunded. Unfair financial burdens exist for local communities which limit their ability to: provide for active transportation, improve roadway safety, enrich their quality of life and placemaking, and enhance North Carolina's economic vitality through a modern multimodal transportation system.

The undersigned individuals, BikeWalk NC and its organizational partners stand with nine other Regional Planning Organizations and other Metropolitan Planning Organizations that represent millions of North Carolina residents.

We ask that the North Carolina General Assembly end the prohibition on state funding and allow for the design, development and construction of Stand-Alone Bicycle and Pedestrian Projects to facilitate safe active transportation facilities. We also urge the General Assembly to consider codification of North Carolina's Complete Streets Policy.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING BIKEWALK NC IN THEIR EFFORTS OF REQUESTING THE
NORTH CAROLINA GENERAL ASSEMBLY TO END THE PROHIBITION ON STATE
FUNDING AND ALLOW FOR THE DESIGN, DEVELOPMENT AND CONSTRUCTION OF
STAND-ALONE BICYCLE AND PEDESTRIAN PROJECTS AND URGING THE GENERAL
ASSEMBLY TO CONSIDER CODIFICATION OF NORTH CAROLINA'S COMPLETE
STREETS POLICY**

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 2013 the North Carolina Department of Transportation (NCDOT) adopted its goals of implementing its "comprehensive statewide plan for improving bicycling and walking conditions across North Carolina;" and

WHEREAS, the plan focused on five main principles – mobility, safety, health, the economy and the environment; and

WHEREAS, that same year, the North Carolina General Assembly approved the Transportation Investment Strategy Formula that included "Bicycle and pedestrian limitation. - The Department shall not provide financial support for independent bicycle and pedestrian improvement projects, except for federal funds administered by the Department for that purpose. This sub-subdivision shall not apply to funds allocated to a municipality pursuant to G.S. 136-41.1 that are committed by the municipality as matching funds for federal funds administered by the Department and used for bicycle and pedestrian improvement projects. This limitation shall not apply to funds authorized for projects in the State Transportation Improvement Program that are scheduled for construction as of October 1, 2013, in State fiscal year 2012-2013, 2013-2014, or 2014-2015;" and

WHEREAS, BikeWalk NC is spearheading an effort of requesting that the North Carolina General Assembly end the prohibition on state funding and allow for the design, development and construction of stand-alone bicycle and pedestrian projects to facilitate safe active transportation facilities and urging the General Assembly to consider codification of North Carolina's Complete Streets Policy; and

WHEREAS, support for BikeWalk NC's efforts was approved by the Wilmington Urban Area Metropolitan Planning Organization's Bicycle and Pedestrian Committee on March 12, 2019.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports BikeWalk NC's efforts of requesting that the North Carolina General Assembly end the prohibition on state funding and allow for the design, development and construction of stand-alone bicycle and pedestrian projects to facilitate safe active transportation facilities and urging the General Assembly to consider codification of North Carolina's Complete Streets Policy

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on April 24, 2019.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



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

MEMORANDUM

TO: TCC members

FROM: Mike Kozlosky, Executive Director

DATE: April 4, 2019

SUBJECT: Resilient Transportation Infrastructure Priorities

During the February 27, 2019 Board meeting, the Board supported the North Carolina Department of Transportation's efforts to fund resilient transportation improvements to Interstate 40 and Interstate 95. In addition, the Board also discussed developing a Top 5 resilient infrastructure priorities. Improvements and/or needs identified during the initial discussion included the following:

- Town Creek/US 17
- Draining Improvements
- Storm water maintenance issues and the need for the development of active storm water management programs
- Intracoastal Waterway
- NC 133 in Brunswick County

It was requested that MPO Board members bring back additional ideas for continued discussion in April. Staff desires to discuss this item with the TCC and MPO Board at their April meetings.



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Memorandum

To: TCC Members

From: Amy Kimes, PE, Senior Project Engineer, WMPO

Date: April 1, 2019

Subject: Federal Fiscal Year 2019 Additional Appropriations

The Wilmington Urban Area Metropolitan Planning Organization began receiving Direct Attributable (DA) funds from the Federal Highway Administration in Fiscal Year 2013. These DA funds include both Surface Transportation Block Grant Program (STBGP) and Transportation Alternatives Set Aside (TASA) funds.

The federal transportation spending bill for FY 2019 appropriated supplemental funding for federal-aid highways. FHWA has now apportioned these funds and they are available for obligation. The supplemental funding was apportioned similar to the Surface Transportation Block Grant Program (STBGP). Therefore, the Transportation Management Areas are receiving additional Federal funding. The Wilmington Urban Area Metropolitan Planning Organization will receive \$904,063 in additional funding that must be authorized (obligated) by September 30, 2022. If this funding is not authorized prior to September 30, 2022 the funding will lapse.

The funds resulting from this apportionment are eligible to be obligated for activities eligible under section 133(b)(1)(A) of title 23, U.S.C. Eligibilities under section 133(b)(1)(A) are as follows: construction of highways, bridges, tunnels, including designated routes of the Appalachian development highway system and local access roads under section 14501 of title 40, U.S.C. The funds may also be obligated for the elimination of hazards and the installation of protective devices at railway-highway crossings.

These funds can be used for all project stages. However, if the local jurisdiction uses the funding on the engineering or right of way acquisition phases, the construction must be authorized (obligated) on or before September 30, 2022. If construction has not been authorized prior to September 30, 2022, then this supplemental funding will have to be repaid to FHWA.

Wilmington Urban Area Metropolitan Planning Organization

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

At this time, staff has identified two options for moving forward with this additional funding allocation:

- Option 1 – provide a competitive bid process allowing all member jurisdictions to compete for funding
- Option 2 – engage NCDOT to see if this funding could be utilized on an existing project within our boundary and then be swapped for funds with less stringent requirements and timelines for use by the MPO and its Members.

Staff will seek direction from the Board on how they desire to allocate these additional funds.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

April 3, 2019

MEMO TO: Mike Kozlosky, Executive Director
Wilmington Metropolitan Planning Organization

FROM: Bobby Lewis, Chief Operating Officer
North Carolina Department of Transportation 

SUBJECT: Switching of funding sources for selected projects in Wilmington MPO area

I appreciate your taking time to speak with members of my staff to discuss a funding swap that could potentially secure additional federal funding for North Carolina and the spirit of cooperation that was exhibited. The funding swap involves switching Wilmington MPO Direct Attributable federal funds for flexible federal funds. There is no impact to schedules, local matches, or project management requirements resulting from the proposed swap.

If the MPO accepts our proposal, we will use \$7,883,793 of the Wilmington MPO's Surface Transportation Block Grant-Direct Attributable (STBG-DA) funds in fiscal year (FY) 2019 on the Wilmington Bypass projects R-2633AA, R-2633BA, R-2633BB (I-140/US 17 freeway on new location in Brunswick and New Hanover Counties) in place of the federal National Highway Performance Program funds that we had initially intended to use. These funds will be used to make payments on GARVEE bonds issued as part of the funding of these projects.

After the Wilmington MPO selects a project (or projects) it wishes to fund using the \$7,883,793 of replacement funding, we will program that project (or projects) in the STIP and make \$7,883,793 of federal STBG - flex funds (funds that can be used anywhere in the state) available to replace the STBG-DA funds that were used on R-2633AA, R-2633BA, R-2633BB.

If you have any questions or need additional information about this funding swap, please contact me at (919) 707-2820 or Van Argabright at (919) 707-4622. Thank you.

RWL/va

cc: Amy Kimes



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

April 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 March:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- The Draft Traffic Noise Report is under review by NCDOT.
- The Draft Environmental Impact Statement (DEIS) was signed on 3/25/19 and distributed for review on 4/01/19. The document and hearing maps are available on the project website at www.ncdot.gov/projects/cape-fear-crossing.
- Meeting materials are under review by NCDOT for the upcoming Corridor Public Hearings.

Upcoming Activities

- The Corridor Public Hearings have been scheduled for April 29th and April 30th. Details on locations will be finalized this week.
- A Section 404 Permit Application will be submitted to USACE for their use in preparing a public notice for the project.
- After the DEIS and hearing public comment period, FHWA and NCDOT will meet with environmental and regulatory resource agencies to determine the Least Environmentally Damaging Practicable Alternative (LEDPA)/Preferred Alternative.

Past Activities

- The DEIS was finalized on 3/25/19.
- The Sea Level Rise Analysis was finalized on 2/20/19.
- The project team received final concurrence from the State Historic Preservation Office (HPO) on 2/12/19 regarding Section 106 effects on historic resources in the project study area
- 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 HPO on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – “Purpose and Need and Study Area Defined” on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – “Detailed Study Alternatives Carried Forward” on 2/10/14.
- Technical documents that have been finalized are available on the project website under “Project Documents.”

Contact Information

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

WILMINGTON MPO
TRANSPORTATION PLANNING
APRIL 2019

2045 METROPOLITAN TRANSPORTATION PLAN

Project Description/Scope: The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3, 2018 and July 31, 2018. During this period, there were 2,287 transportation survey responses, 563 comments on the public input map tool, and 4,554 votes on map comments, totaling 7,404 responses collected. In July 2018, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives, which were completed in October 2018 and officially adopted by the Board in November 2018. The Modal Subcommittees have completed scoring criteria, evaluation of projects and development of the draft policies. The CAC, TCC and Board received the financial forecasts and potential alternative funding sources in March 2019.

Next Steps:

- The consultant to complete the cost estimation and development of alternative funding sources.
- 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 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 4, 2017 to review the draft materials. The document was revised and a follow-up meeting was held on February 20, 2018. Staff from the Town continues to work on the development of these standards. MPO staff met with the Town on May 22, 2018. 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 STREETS STUDY

Project Description/Scope: New Hanover County and the Wilmington Urban Area MPO are partnering to develop a Future Street Study for Northeastern New Hanover County. This study 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 study from the consultant. The study is being revised by the County to meet our needs. Staff continues to work with county staff on this study.

Next Steps:

- Finalize Draft study 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: 1 review
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 3 reviews
- Town of Leland Informal Reviews: 2 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: 20 total (New Hanover County 4, City of Wilmington 8, Carolina Beach 0, Leland 1, Navassa 2, and Pender County 4, Brunswick County 1) ; new 0 and ongoing 20
- Pender County Development Plan Reviews: 4 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 75 (6 new, 69 on-going)
- City of Wilmington Informal Reviews: 24 (4 new, 20 on-going)
- City of Wilmington Concept Reviews: 14 (11 new concept reviews- 3 on-going concept)
- COW Project Releases: 11 Full releases

STBGP-DA/TASA-DA FY 2013 to Present

STBGP-DA

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE

Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

Project Status and Next Steps:

- Complete review of final design package and submit to NCDOT for review– Summer 2019
- NCDOT final design approval and City to request Construction Funds Authorization – Fall 2019
- Begin Construction – Spring 2020

- Complete Construction – Winter 2020

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

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

Project Status and Next Steps:

- 100% Plan approval received
- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4, 2018
- Upon reviewing a set of AECOM plans that were not previously given to the Town showing the existing utilities, staff has determined that some potential utility conflicts exist
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBG projects
- A request has been made for a supplemental agreement to extend project completion deadline to July 2020 (will match up to deadlines for the I, J and K projects)
- Bid and award timeline will depend upon Davenport's findings; prefer to bid the four projects at the same time.

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

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

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

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

Project Status and Next Steps:

- Complete review of final design package and submit to NCDOT for review – Spring 2019
- NCDOT final design approval and City to request Construction Funds Authorization – Summer 2019
- Begin Construction – Winter 2019
- Complete Construction – Fall 2020

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

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

Project Status and Next Steps:

- Complete final design package and submit to NCDOT for review– Summer 2019

- Update/renew permits – Fall 2019
- NCDOT final design approval – Fall 2019
- Right of way acquisition complete – Spring 2020
- Begin Construction – Winter 2020
- Complete Construction – Winter 2021

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

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

Project Status and Next Steps:

- Complete final design package and submit to NCDOT for review– Summer 2019
- Update/renew permits – Fall 2019
- NCDOT final design approval – Fall 2019
- Right of way acquisition complete – Spring 2020
- Begin Construction – Winter 2020
- Complete Construction – Winter 2021

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

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

Project Status and Next Steps:

- 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
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBGP-DA projects

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

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalize
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBGP-DA projects

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

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

Project Status and Next Steps:

- 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
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBGP-DA projects

U-5534N –CITY OF WILMINGTON- 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:

- Let Date: March 14, 2019
- Additional funds are needed to award the project

U-5534O –TOWN OF CAROLINA BEACH- CAPE FEAR BLVD MULTI-USE PATH

Project Description/Scope: The construction of approximately 3,200 linear feet of 10’ wide paved off-road multi-use path along the south side of Cape Fear Boulevard from 6th Street to Dow Road.

Project Status and Next Steps:

- Construction is complete

U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS

Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:

- The project has been put on hold until NCDOT’s College Road resurfacing project occurs

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

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

Project Status and Next Steps:

- Easement issue has been resolved. Final plans have been reviewed by NCDOT. SEPI addressing issues.
- Construction funds can be released once PCE consult is received

- Anticipated Let Date: Summer 2019

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

Project Description/Scope: This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

Project Status and Next Steps:

- Plans and specification approved by NCDOT on February 19, 2019.
- Construction Authorization and funding request in progress.
- Anticipated bid date of April 2019. The project is currently in the City's Purchasing Division for bidding.

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

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

Project Status and Next Steps:

- Scoping meeting held with NCDOT
- PE funds were released at the December 2017 Board of Transportation meeting
- The Town and Engineer have agreed to a fee. The Town working to complete the contract.

EB-6025- TOWN OF NAVASSA- RICE HOPE MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:

- Town working with NCDOT to receive/execute agreements

TASA-DA

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

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

Project Status and Next Steps:

- City Council awarded the contract on February 4, 2019. The City is currently working on executing the contract.

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

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

Project Status and Next Steps:

- 90% plans were to be submitted on March 18, 2019
- No right of way needed
- Anticipated construction bid Summer 2019

EB- 6026- TOWN OF BELVILLE- BELVILLE ELEMENTARY- MULTI-USE PATH

Project Description: The project consists of the construction of a multi-use path of twelve feet (12') wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

Project Status and Next Steps:

- The Town is working with NCDOT to receive/execute agreements

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

EB-6028 —CITY OF WILMINGTON- 21st Street/Market HAWK SIGNAL

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

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

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Project Status and Next Steps:

Initiatives

1. Be A Looker Campaign
 - a. Initiating a 6 month bicycle and pedestrian safety campaign to take place April to September 2019
2. Bike Share

- a. Completed agreement with Zagster. Contract to be signed.
- b. Zagster is in process of securing “title sponsors” to fund the program
- 3. New Go Coast Website
 - a. Agreements are being routed
- 4. Social Media
 - a. Posting at least three times per week
 - b. WMPO Facebook, Instagram, and Twitter and Go Coast Instagram
- 5. Continue to push the Commuter Friendly Employer Program and Share the Ride NC Programs and Events
 - a. May is National Bike Month and Cape Fear Bike to Work Month
 - b. River To Sea Bike Ride May 4th at 7am- over 250 participants signed up for the event
- 6. Scooter Share
 - a. Waiting on direction from NC General Assembly for policy on electric scooter share programs
 - b. General Assembly currently defining “scooter”



Cape Fear Public Transportation Authority

Project Update

April 2019

REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - 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. On February 28, 2019 the Authority authorized \$879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Delivery is expected to take approximately six months.
The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.
Five paratransit vehicles, ordered in 2018, are in the process of delivery. Two vehicles have been delivered and the balance is expected the week of April 01, 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** - 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/>.
Staff has begun its evaluation of the proposed changes and revenue neutral route changes are being presented to the board. The modifications are expected to take place in conjunction with the opening of the WMMTC.

- 3. Long Term Funding** - (no change) 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. Renovation construction is approximately 50% complete. Limited site construction has been authorized using funds that were previously uncommitted. The \$1,700,000 STBGP-DA funding has been delayed by the government shutdown and a technical correction to the original request. An amendment to the current grant has been submitted to FTA for consideration once the additional funding has been recognized by FTA Region 4. The Authority is optimistic that the funds will be available for grant allocation in April 2019. This would most likely result in a late summer or early fall dedication of the facility.
- 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 February 2019 the Authority provided 1,723 ADA passenger trips utilizing the funding. The period of performance for the project is 07/01/2018 through 06/30/2019.

Projects in Development

Project Manager	TIP	Description	County	ROW	Let Date
Krista	U-4902D	US 17 Bus - Market St Median	New Hanover	IP	Dec-18
Robert Vause	HILC	Hoover Rd widening from proposed interchange to US 17 with 2' pavt Pender	Pender	2019	Mar-19
Eric	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	2019	Oct-19
Krista	U-3338C	Kerr Ave Interchange at MLK	New Hanover	2018	Dec-19
Krista	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	IP	Feb-20
Mike	U-5710A	US 74 (Eastwood Road)- construct roadway on new location between New Hanover	New Hanover	IP	Apr-20
Trace	R-3300A	Hampstead Bypass (US 17 New Route 4-lane divided highway) from si Pender/New Hanove	New Hanover	2018	Sep-20
Mike	U-5710	US 74 at US 17 (Military Cutoff Rd)	New Hanover	2019	Sep-21
Krista	U-5926	New Route from 23rd St to 26th St	New Hanover	2020	Jun-22
Trace	U-5790	Monkey Junction Interchange	New Hanover	2022	Jun-24
Trace	U-5792	MLK at College	New Hanover	2022	Jun-24
Brian	U-5954	NC 133 at 23rd St Roundabout	New Hanover	2022	Jun-24
Krista	U-4434	Independence Boulevard Extension	New Hanover	2020	Jun-25
Trace	U-5732A	Dan Owen Connector	Pender	2017	CSF (Now)
Eric	W-5601DH	3rd St and Dock St Intersection	New Hanover		FY 2019
Eric	W-5703C	Monkey Junction Pedestrian Improvements	New Hanover		FY 2020
Trace	R-3300B	Hampstead Bypass	Pender/New Hanove	2018	FY 2021
Trace	U-5732	US 17 Hampstead Median Project	Pender	2018	FY 2021
Brian	U-5729	US 421 Carolina Beach Rd Median	New Hanover	2019	FY 2023
Brian	U-5729	Carolina Beach Rd at Shipyard	New Hanover	2019	FY 2023
Brian	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	2020	FY 2023
Brian	U-5863	Castle Hayne Rd from I-140 to Division Dr	New Hanover	2021	FY 2024
Krista	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	2018	FY 2025
Trace	U-5702A	College Rd from New Centre to Shipyard	New Hanover	2022	FY 2025
Trace	U-5704	US 17 (Oleander) at College	New Hanover	2022	FY 2025
Trace	U-5881	College Rd from Gordon Rd to New Centre	New Hanover	2022	FY 2025
Brian	U-5734	US 421 Front St Widening	New Hanover	2023	FY 2025
None	U-6199	Wilmington Citywide Signal System Upgrade	New Hanover	2025	FY 2027
Krista	U-6201	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	2025	FY 2027
Trace	U-5702B	College Rd Access management improvement from Carolina Beach R	New Hanover	2025	FY 2027
Krista	U-4738B	Cape Fear Crossing (NC 133 to US 421)		PY	PY
Brian	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	2029	PY
Krista	U-4738A	Cape Fear Crossing (US 17 to NC 133)	New Hanover	2028	PY
Brian	U-6128	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual I	New Hanover	2029	PY
Trace	U-6080	Kerr Ave Widening from Patrick to Wrightsville	New Hanover	2025	
Brian	U-6083	23rd St widening from MLK to NC 133	New Hanover	2025	

Statewide	
Regional Impact	
Division Needs	
Let date complete	
Fallen out of STIP	

Date Completed: 4/1/2019
PO: WMPO
Contact: Caitlin Marks

910-341-2000 | cmmarks@ncdot.gov

Projects Under Construction						
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
DC00187	Lydia McKeel	R-5783A/B	Brunswick, Duplin, New Hanover, Sampson, Pender, Onslow	TAP ADA Curb Ramp Project	Feb-19	99.09%
DC00151	Lydia McKeel	SR-5001CB	Pender	Sloop Point Multi Use Path from US 17 to SR 1694	Mar-19	51.94%
DC00219	Trevor Carroll	W-5601CK	New Hanover	Wrightsville Beach Bike Plate Installation on Bridge 12 (US 74) over intercoastal waterway	Apr-19	0%
C203199	Daniel Waugh	R-2633B	Brunswick, New Hanover	Wilmington Bypass from US 74/76 (near Malmo) to Cedar Hill Rd	Apr-19	90.74%
C204080	Daniel Waugh	R-2633D	Brunswick, New Hanover	I-140 ITS for Wilmington Bypass	May-19	74.10%
DC00242	Daniel Waugh	15403.1065075	New Hanover	16th St and Willard St 42" CIPP	May-19	0%
C203772	Daniel Waugh	U-3338B	New Hanover	Kerr Avenue Widening from Randall Parkway to MLK	Jun-19	.9071
C204119	Wayne Currie	HVBP	New Hanover	Cape Fear Memorial Bridge	Jun-19	86.55%
DC00218	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Jun-19	35.62%
DC00234	Daniel Jones	N/A	Brunswick, New Hanover, Onslow, Pender	Plant Bed Maintenance on NC 24/US 17/NC 132/NC 211/NC 53/US 421/US 74	Nov-19	23.53%
C204282	Daniel Waugh	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Apr-20	.0789
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	May-20	20.63%
C203980	Daniel Waugh	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Apr-22	18.90%
C204319	Daniel Waugh	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	0%
TBD	Wayne Currie	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD
TBD	Wayne Currie	HVBP	New Hanover	Isabel Holmes Brdidge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	TBD	TBD
TBD	Wayne Currie	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD
TBD	Wayne Currie	HVBP	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD

Resurfacing

Contract Number	Contract Year	County	Resident	TIP	SATS/WMPO/CFRP	MPO/RPO	Map	Routes	Estimated Completion	Percent Complete
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	0	0	0	US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.	Mar-20	77.93%
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	1	1	1	NC 130 (Whiteville Rd) from US 17 Bus to SR 1335		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	2	2	2	NC 179 (Old Georgetown Rd) from 179 Bus (Beach Dr) to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	3	3	3	NC 904 (Longwood Rd) from SR 1321 to SR 1304		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	4	4	4	NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	5	5	5	SR 1319 (Union School Rd) from SR 1316 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	6	6	6	SR 1504 (Clemmons Rd) from SR 1316 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	7	7	7	SR 1333 (Project Rd) from SR 1326 to end of Pavement		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	8	8	8	SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	9	9	9	SR 1337 (Marlow Rd) from SR 1336 to SR 1333		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	10	10	10	SR 1308 (Etheridge Rd) from SR 1300 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	11	11	11	SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	12	12	12	SR 1356 (Marlowtown Rd) from 1302 to SR EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	13	13	13	SR 1301 (McLamb Rd) from SR 1300 to SC line		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	14	14	14	SR 1316 (Old Shalotte Rd) from NC 904 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	15	15	15	SR 1155 (Goose Creek Rd) from NC 179 to SR 1143		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	16	16	16	SR 1304 (Pea Landing Rd) from US 17 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	17	17	17	SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	18	18	18	SR 1165 (Thomasboro Rd) from US 17 to SR 1164		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	19	19	19	SR 1720 (Washington Rd) from US 17 Bus. To EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	20	20	20	SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	21	21	21	SR 1315 (Russtown Rd) from SR 1313 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	22	22	22	SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway		
C204135	2018	✓ Hanover/Brunswick	Lydia McKeel	N/A	0	0	0	US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)	Apr-19	26.30%
DC00229	2019	Pender	Lydia McKeel	N/A	0	0	0	Various SRs (Pender Resurfacing)	Jun-19	9.11%



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

April 2019

JAMES H. TROGDON, III
SECRETARY

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

APRIL TPD UPDATES WILMINGTON MPO

April 2019

New Business:

Wilmington Model Update – Future Year Model is ready for MTP project testing and has been sent to the Wilmington MPO. The documentation was updated on March 1st with updates to the growth rate map and sent to the MPO. The model and documentation will continue changing as new projects are entered into the MTP. The 2045 Model will be considered adopted when the MTP is adopted, it will then become the official model and documentation.

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 – Working with the Cape Fear RPO on the Cape Fear FY growth rates while comparing with GSATS Model and Wilmington Model growth rates.

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.

NC Moves 2050 – We are in our first phase of NC Moves 2050 and presentations are being made across the state to all of our MPO and RPO partners.

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Customer Service: 1-877-368-4968

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1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

Old Business:

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.

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

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

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

Corridor Studies: TPD has recently made the decision to temporarily pause the development of the STC Master Plans in order to reevaluate the scope and deliverables to make it a more useful and effective end product. A work group of internal and external partners to help reexamine this effort is currently being formed.

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

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

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

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

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

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

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

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

Interactive Traffic Volume Map – For the latest up to date AADT refer to this [link](#).

Travel Information (TIMS):

1. Wilmington Bypass Both Directions: Lane closed. The North Carolina Department of Transportation is installing Communications Cable and Conduit on I-140 in Brunswick and New Hanover Counties. Lane closures will be restricted to Monday 9:00 a.m. to Friday 4:00 p.m. to minimize traffic delays during the week. Lane closures may also occur on the weekend. Intermittent lane closures to occur until May 31, 2018.
2. US-421: Lanes closed due to bridge construction from 10/31/2018 – 1/31/2020. There is a detour.
3. US-74 (Martin Luther King Jr Parkway): Lane Closed due to bridge expansion joint replacements and goal seals on bridges on MLK Jr. Parkway.