



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

*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:** March 9, 2018  
**SUBJECT:** March 14<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, March 14<sup>th</sup> 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) Presentations
  - a. Emerging Technologies (Autonomous Vehicles)- Jason O'Brien, WMPO
- 4) Consent Agenda
  - a. Approval of TCC Meeting Minutes- February 14, 2018
  - b. Resolution approving 2018-2027 STIP/MTIP Modification #18-2
  - c. Resolution approving 2018-2027 STIP/MTIP Amendment # 18-1
  - d. Resolution supporting an effort to explore the possible sequencing of the construction of the Cape Fear Crossing and replacement of the Cape Fear Memorial Bridge
  - e. Resolution adopting the 2018 Legislative Agenda
- 5) Regular Agenda
  - a. Resolution approving the Wilmington Urban Area MPO's FY 19 Unified Planning Work Program
  - b. Resolution Certifying the Transportation Planning Process for the Wilmington Urban Area MPO
  - c. Resolution supporting the allocation of Direct Attributable funds to the Town of Carolina Beach for the Cape Fear Multi-use Path
  - d. Resolution supporting the allocation of FY 18 Direct Attributable funds to the Cape Fear Public Transportation Authority
- 6) Discussion
  - a. Socio-economic Data Projections
- 7) Updates
  - a. MPO Staffing

### **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

- 
- b. Crossing over the Cape Fear River
  - c. Wilmington Urban Area MPO
  - d. Cape Fear Public Transportation Authority
  - e. Wilmington Rail Realignment
  - f. NCDOT Division
  - g. NCDOT Transportation Planning Division
- 8) Announcements
- a. NCDOT's Public Transportation Statewide Strategic Plan Summit- March 21<sup>st</sup>
  - b. WMPO Bike/Ped Committee Meeting- April 10<sup>th</sup>
  - c. NCPTA Conference- April 23-25<sup>th</sup>
- 9) Next meeting- April 11, 2018

**Attachments:**

- TCC Meeting Minutes- February 14, 2018
- Proposed 2018-2027 STIP/MTIP Modification #18-2
- Resolution approving 2018-2027 STIP/MTIP Modification #18-2
- Proposed 2018-2027 STIP/MTIP Amendment # 18-1
- Resolution approving 2018-2027 STIP/MTIP Amendment # 18-1
- Resolution supporting an effort to explore the possible sequencing of the construction of the Cape Fear Crossing and replacement of the Cape Fear Memorial Bridge
- Proposed 2018 Legislative Agenda
- Resolution adopting the 2018 Legislative Agenda
- Draft FY 2019 Unified Planning Work Program
- Resolution approving the Wilmington Urban Area MPO's FY 19 Unified Planning Work Program
- Resolution certifying the Transportation Planning Process for the Wilmington Urban Area MPO
- Letter from the Town of Carolina Beach for the Cape Fear Multi-use Path
- Resolution from the Town of Carolina Beach for the Cape Fear Multi-use Path
- Resolution supporting the allocation of Direct Attributable funds to the Town of Carolina Beach for the Cape Fear Multi-use Path
- Resolution supporting the allocation of FY 18 Direct Attributable funds to the Cape Fear Public Transportation Authority
- Cape Fear River Crossing Update (March)
- Wilmington MPO Project Update (March)
- Cape Fear Public Transportation Authority Update (March)
- Wilmington Rail Realignment (February)
- NCDOT Division Project Update (March)
- NCDOT Transportation Planning Division Project Update (March)

**Wilmington Urban Area  
Technical Coordinating Committee  
Wednesday, February 14, 2018  
Meeting Minutes**

**Members Present:**

Mike Kozlosky, Wilmington MPO  
Don Bennett, City of Wilmington  
Amy Kimes, Wilmington MPO  
Ed Parvin, Town of Carolina Beach  
Danielle Villegas, Town of  
Wrightsville Beach  
Granseur Dick, Wilmington  
International Airport  
Stephanie Ayers, North Carolina  
State Ports Authority

John Allen, Town of Bellville  
Ashli Barefoot, Town of Leland  
Barnes Sutton, Town of Navassa  
Kyle Breuer, Pender County  
Allen Serkin, Cape Fear  
Council of Governments  
Nazia Sarder, NCDOT Planning  
Megan Matheny, Cape Fear Public  
Transportation Authority

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:02 a.m.

**2. Approval of Agenda**

Mr. Bennett made the motion to approve the agenda as presented, seconded by Mr. Breuer, and the motion carried unanimously.

**3. Presentations**

**a. Airport Presentation – Granseur Dick, Wilmington International Airport**

Mr. Granseur Dick introduced himself as the new Planning and Development Director for Wilmington International Airport (ILM). He gave an overview of new and expanded daily and seasonal air service to Dallas/Fort Worth, Chicago/O'Hare, Washington/Dulles and Reagan International starting this spring, with the addition of United Airlines and expanded service from American Airlines.

A question/answer and discussion period was held. In response to inquiries by Ms. Matheny and Mr. Bennett, Mr. Dick stated that a terminal expansion is in progress and will better accommodate TSA and ticketing. He noted that a parking expansion is also planned and equipment is due for replacement. He added that ILM is working in cooperation with NCDOT on its plans to improve 23<sup>rd</sup> Street as well.

**b. Section 5310 Elderly and Disabled Transportation Grant Program – Megan Matheny, Cape Fear Public Transportation Authority**

Ms. Matheny stated that in 2016 after discussion with the MPO, Wave Transit became the direct recipient of Section 5310 funding, a federal transportation grant program for the elderly and disabled. She noted that the grant used to go to the state for dissemination, but due to changing regulations at the federal level, the state was removed from the equation, and the local transit agencies could apply to become a direct recipient.

Ms. Matheny stated that the program was rebranded in early 2017 as the Wave Connect Program. She noted that the program supports a bus route (#205) that serves the highest number of elderly and disabled riders, and a dedicated staff member to provide travel training to groups or individuals unfamiliar with riding the bus. She added that other governmental agencies and non-profits can apply for funding through this program for non-traditional transit projects. These are evaluated by the Wave Connect Committee and forwarded to the Authority Board for approval.

Ms. Matheny stated that Wave received two grant requests during the annual call for projects; one from New Hanover County Senior Resource Center and the other from the Brunswick Senior Resources. She encouraged members to forward information about this program to eligible organizations that support transportation projects for individuals age 65 and older with or without disabilities. She noted that the projects must support identified unmet needs. She gave an overview of the community grant projects, and the timeline for the grant recommendations. A brief question/answer and discussion period was held.

**c. Update on Proposed Interchanges in the Wilmington Urban Area – Chad Kimes, NCDOT**

Mr. Kimes gave an update on proposed interchanges in New Hanover County. He pointed out that the interchanges impact one another and must be studied together. He added that several TIP (Transportation Improvement Program) projects must also be taken into consideration.

Mr. Kimes gave an overview of DOT's process for recommending a final alternate. He displayed examples of various alternates such as Single-Point Urban Interchanges (SPUI) and Quadrants. He gave current right-of-way and let dates, and estimated cost for each project, as follows:

<b>Interchange</b>	<b>ROW Date</b>	<b>Let Date</b>	<b>Current STIP Cost</b>
1. MLK Jr. Pkwy. & Market St.	10/18	2/20	\$38M-\$40M
2. MLK Jr. Pkwy. & Kerr Ave.	5/18	12/19	\$23M
3. MLK Jr. Pkwy. & College Rd.	10/21	6/24	\$26M
4. College Rd. & Oleander Dr.	10/21	6/24	\$55M
5. College Rd. & Carolina Beach Rd.	10/21	6/24	\$25M
6. Eastwood Rd. & Military Cutoff Rd.	FY20	9/21	\$26M

Mr. Kimes stated that all of the projects are funded and have been accelerated to the five-year program.

A question/answer and discussion period was held.

**d. Independence Boulevard Extension – Chad Kimes, NCDOT**

Mr. Kimes gave an update on the Independence Boulevard Extension from Randall Parkway to the Martin Luther King Jr. Parkway:

<b>Project</b>	<b>ROW Date</b>	<b>Let Date</b>	<b>Current STIP Cost</b>
Independence Blvd. Extension	4/22	8/25	\$150M

Mr. Kimes pointed out that right-of-way costs are expensive at about \$1 per dollar of construction. He noted that project goals include providing a north-south corridor, congestion relief to Kerr Avenue, College Road, Market Street, 3<sup>rd</sup> Street, 16<sup>th</sup> Street and 17<sup>th</sup> Street, and will tie into the urban loop concept once the Cape Fear Crossing is funded.

Mr. Kimes displayed a chart showing that 37,000 cars would start using the Independence Boulevard Extension if it was built today; taking 3,000 cars off Market Street. By 2040, traffic is anticipated to reach 50,000 cars a day without utilizing this new project. He gave some history of the project, and explained the proposed elevated facility. He noted that the exposure index for an at-grade crossing would be 2.8 times the CSX's operational and safety threshold.

Mr. Kimes displayed three alternatives with various elevations, plus two new bridging options to minimize the effects, with costs yet to be calculated. He noted that any delay would increase the costs rapidly. He also displayed renderings of proposed structures over Darlington Avenue and Hurst Street.

**e. Hampstead Bypass – Chad Kimes, NCDOT**

Mr. Kimes gave an update on funding and design changes to the Hampstead Bypass/and U.S. 17 Median Project, which are advancing rapidly. He noted that Military Cutoff Road extension is under construction. He added that multiple parts are treated as one project, and include:

- R-3300A section from Wilmington Bypass to NC 210, funded for design, utilities and right-of-way (not construction);
- R-3300B section from NC 210 to North Hampstead, fully funded; and
- U-5732, the median project through Hampstead.

Mr. Kimes stated that the original let date of 2025 was accelerated to September 2020. He noted that the right-of-way goal is 2019 and is currently underway. He added that a new traffic forecast was done last year, which allowed for some major changes including the Midtown Interchange being shifted to the existing Hoover Road; the Northern Interchange minimizing environmental impacts, and the Dan Owen Connection. He displayed some renderings of the project.

Mr. Kimes gave an overview of the median cross-section. He noted that Pender County has participated with sidewalks along the entire length of the corridor.

A question/answer and discussion period was held.

Mr. Kimes gave an overview of projected traffic at various points with and without the projects. He displayed a simulation of the Bypass in 2040. He estimated the

total cost of all three sections at \$300 million and construction at five years. He noted that the goal is to open the Hampstead Bypass from US 17 to NC 210 by 2022-2023, after which the median portion would proceed.

**4. Consent Agenda**

- a. Approval of TCC Meeting Minutes – January 10, 2018**
- b. Resolution approving 2018-2027 STIP/MTIP Modification #18-1**
- c. Resolution approving the Wilmington Urban Area MPO's Local Input Methodology for Prioritization 5.0**

Mr. Parvin made a motion to approve the Consent Agenda and to forward Items 4a through 4c to the Board for consideration. Ms. Kimes seconded the motion and it carried unanimously.

**5. Regular Agenda**

- a. Resolution Supporting the North Carolina Department of Transportation's Recommendation for a Single Point Urban Interchange as the Preferred Alternative at Market Street/Martin Luther King Jr. Parkway**

Mr. Bennett made a motion to approve the Resolution Supporting the North Carolina Department of Transportation's Recommendation for a Single Point Urban Interchange as the Preferred Alternative at Market Street/Martin Luther King Jr. Parkway. Ms. Barefoot seconded the motion, and it carried unanimously.

- b. Resolution Supporting the North Carolina Department of Transportation's Recommendation for a Grade Separated Quadrant Interchange as the Preferred Alternative at Military Cutoff Road/Eastwood Road**

Mr. Bennett made a motion to approve the Resolution Supporting the North Carolina Department of Transportation's Recommendation for a Grade Separated Quadrant Interchange as the Preferred Alternative at Military Cutoff Road/Eastwood Road. Ms. Matheny seconded the motion, and it carried unanimously.

**6. Discussion**

- a. TCC Direct Attributable Programs Sub-committee**

Ms. Kimes reported that the Board has agreed to all changes to the Direct Attributable Programs process that were recommended by the Committee. She requested a small group of volunteers for a subcommittee.

Ms. Ayers, Ms. Matheny, and Mr. Breuer expressed an interest in participating.

A member requested that Ron Van Cleef be invited to participate.

Ms. Kimes stated that Ms. Freund from the City of Wilmington expressed an interest in assisting.

Mr. Kozlosky requested that anyone with an interest forward their name to Ms. Kimes by close of business Friday.

**b. TCC Bicycle Parking Sub-committee**

Ms. Lorenzo stated that the Bike-Ped Committee directed staff to develop a draft model bike parking ordinance for circulation to member jurisdictions. She noted that the Bike-Ped Committee is currently reviewing the draft, and feedback is anticipated by the end of the month. She expressed the desire for a TCC Sub-committee to review the draft as well.

Mr. Kozlosky reminded members that this will be a model ordinance to serve as a guide and to provide additional information to jurisdictions.

Ms. Lorenzo requested that any interested members respond by next Monday.

Ms. Villegas, Mr. Parvin, and Mr. Breuer expressed an interest.

Ms. Lorenzo stated that she would contact sub-committee members in March.

**c. 2018 Legislative Agenda**

Mr. Kozlosky gave an overview of the 2018 legislative agenda adopted by the Board. He noted that it includes transportation financing, the transfer of maintenance, the moped legislation, and corridor preservation for monitoring during the next legislative session. He added that the President has released an infrastructure proposal as a starting point, which will need to be monitored as well.

Mr. Serkin suggested that the ferry system be added to the agenda.

Mr. Kozlosky pointed out that the Program Evaluation Division released a report contradicting some information received in the past.

Mr. Bennett suggested that the moped legislation be removed from the agenda since it has already passed.

Mr. Kozlosky commented that transportation finance is always challenging. He stated that the County Commissioners have been vocal in opposing the transfer of maintenance without a funding mechanism to maintain the roads. Also, the WMPO has an interest in retaining legislation indemnifying it from any legal actions regarding corridor filings.

Mr. Bennett suggested that the new legislation regarding offsite improvements for school facilities be added, since it will compete for local and division funding.

**d. 2018-2027 STIP/MTIP Modification #18-2**

Mr. Kozlosky stated that the STIP modification is for informational purposes only and will be brought back at the next meeting for approval.

**7. Updates**

**a. MPO Staffing**

Mr. Kozlosky stated that the new Project Engineer will start on March 5<sup>th</sup>. He noted that interviews have been scheduled for the Senior Transportation Planner position and the TDM Coordinator advertisement closes at the end of the month. He expressed a desire for the MPO to be fully staffed by July 1<sup>st</sup>.

In response to an inquiry by Ms. Ayers, Mr. Bennett and Mr. Kimes stated that they will confirm closure and reopening dates for bridges on River Road.

**8. Announcements**

- NCDOT's Public Transportation Statewide Strategic Plan Summit: March 21<sup>st</sup>
- Next WMPO Bike/Ped Committee meeting: April 10<sup>th</sup>
- NCPTA Conference April 23<sup>rd</sup>-25<sup>th</sup>

Mr. Kozlosky stated that the next TCC meeting will be on March 14<sup>th</sup> at the usual time; but at the Harnett Room of the Main Branch of the New Hanover County Public Library.

**9. Adjournment**

With no further items, the meeting was adjourned at 11:49 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.**



Proposed Revisions to 2018-2027 STIP/MTIP Programs

STIP/MTIP Modifications # 18-2  
(March 2018)

U-4902B  
NEW HANOVER  
PROJ.CATEGORY  
REGIONAL

US 17 BUSINESS (MARKET STREET), CSX  
RAILROAD TO CINEMA DRIVE; JACKSONVILLE  
STREET TO NORTH OF US 117/NC 132 (COLLEGE  
ROAD).

RIGHT OF WAY  
CONSTRUCTION

FY 2018 - \$500,000 (T)  
FY 2021 - ~~\$8,000,000~~ (T)  
\$8,500,000

**COST INCREASE EXCEEDING \$2 MILLION AND  
25% THRESHOLDS**

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING MODIFICATION #18-2 TO THE  
2018-2027 STATE /METROPOLITAN 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/Metropolitan Transportation Improvement Programs on August 30, 2017; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/Metropolitan Transportation Improvement Programs for Modification #18-2.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/Metropolitan Transportation Improvement Programs for Modification #18-2.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

Proposed Revisions to 2016-2025 STIP/MTIP and 2018-2027 STIP/MTIP Programs

STIP/MTIP Amendments #18-01  
 (March 2018)

Z-9999	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2023 - \$500,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS - UNPROGRAMMED		FY 2024 - \$500,000 (RR)
PROJ.CATEGORY	BALANCE.		FY 2025 - \$500,000 (RR)
DIVISION			FY 2026 - \$500,000 (RR)
			FY 2027 - \$500,000 (RR)
			FY 2028 - \$500,000 (RR)
			FY 2029 - \$500,000 (RR)
		CONSTRUCTION	FY 2023 - \$3,000,000 (RR)
			FY 2024 - \$3,000,000 (RR)
			FY 2025 - \$3,000,000 (RR)
			FY 2026 - \$3,000,000 (RR)
			FY 2027 - \$3,000,000 (RR)
			FY 2028 - \$3,000,000 (RR)
			<u>FY 2029 - \$3,000,000 (RR)</u>
			\$24,500,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING AMENDMENT #18-1 TO THE  
2018-2027 STATE /METROPOLITAN 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/Metropolitan Transportation Improvement Programs on August 30, 2017; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2018-2027 State/Metropolitan Transportation Improvement Programs for Modification #18-1; 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/Metropolitan Transportation Improvement Programs for Amendment #18-1.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING AN EFFORT TO EXPLORE THE POSSIBLE SEQUENCING OF  
THE CONSTRUCTION OF THE CAPE FEAR CROSSING AND REPLACEMENT OF THE  
CAPE FEAR MEMORIAL BRIDGE**

**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 Cape Fear Memorial Bridge was completed in 1969 and provides a critical link between New Hanover and Brunswick Counties; and

**WHEREAS**, the Cape Fear Memorial Bridge is maintained by the North Carolina Department of Transportation and the bridge's inspections and maintenance impact traffic flow between New Hanover and Brunswick Counties; and

**WHEREAS**, the Cape Fear Memorial Bridge will eventually need to be replaced; and

**WHEREAS**, the replacement of the Cape Fear Memorial Bridge will be critical to safety, economic development, and access to the Port of Wilmington and efficient traffic flow between New Hanover and Brunswick Counties; and

**WHEREAS**, on September 28, 2016 the Board of the Wilmington Urban Area Metropolitan Planning Organization encouraged the North Carolina Department of Transportation to begin planning and preparation for the replacement of the Cape Fear Memorial Bridge and also to continue the development of the Cape Fear Crossing project as quickly as possible; and

**WHEREAS**, the replacement of the Cape Fear Memorial Bridge and Cape Fear Crossing are two separate and independent projects; and

**WHEREAS**, Cape Fear Crossing's purpose and need includes improvements to traffic flow and enhanced freight movements beginning in the vicinity of US 17 and the future I-140 in Brunswick County across the Cape Fear River to US 421 near the Port of Wilmington in New Hanover County; and

**WHEREAS**, the North Carolina Department of Transportation continues toward the completion of the environmental document for the Cape Fear Crossing project; and

**WHEREAS**, on May 31, 2017 the Board of the Wilmington Urban Area Metropolitan Planning Organization supported Alternative MA and/or Alternative NA as the Metropolitan Planning Organization's preferred alternatives for the Cape Fear Crossing project; and

**WHEREAS**, currently 6 different alternatives are being evaluated to identify the Least Environmentally Damaging Practical Alternative (LEDPA) that best serves the project's purpose and need as well as minimizing the impacts to the human and natural environment; and

**WHEREAS**, the Cape Fear Crossing project and replacement of the Cape Fear Memorial Bridge are both included in the MPO's adopted 2017-2021 Strategic Business Plan; and

**WHEREAS**, there are concerns about how to manage traffic flow between New Hanover and Brunswick Counties with the replacement of the Cape Fear Memorial Bridge absent another river crossing; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization and North Carolina Department of Transportation have identified a possible solution that would help to move both projects forward; and

**WHEREAS**, the sequencing of the construction of the Cape Fear Crossing first and then subsequent replacement of the Cape Fear Memorial Bridge may be a possible solution; and

**WHEREAS**, following the completion of the Cape Fear Crossing, all traffic currently utilizing the Cape Fear Memorial Bridge would then be diverted to the new Cape Fear Crossing, Isabel S. Holmes Bridge and the Dan Cameron Bridge; and

**WHEREAS**, the Cape Fear Memorial Bridge would then be closed and replaced; and

**WHEREAS**, it is envisioned that this sequencing would help to reduce costs and minimize the impacts to the surrounding neighborhoods.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby recognizes the importance of both of these transportation projects and supports the MPO's efforts to explore the possible sequencing of the construction of Cape Fear Crossing and then replacement of the Cape Fear Memorial Bridge.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

## **Wilmington Urban Area Metropolitan Planning Organization 2018 Legislative Agenda**

### **Transportation Financing**

*The Wilmington Urban Area MPO supports prioritization and funding for local transportation and infrastructure projects and the need to explore new transportation and infrastructure revenue sources to address the growing needs of the state and the nation. Including, but not limited to road, bridges and highway projects, public transportation, 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 MPO 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.*

### **NC State Ferry System**

*The North Carolina General Assembly's Program Evaluation Division completed the "Reducing Off-season Crossings, Adjusting Fares, and Using Partnerships Can Improve Ferry Division Operations" report. The recommendations of the report include requiring the Department of Transportation to prepare a long-range plan for the State ferry system and requiring the Department of Transportation to evaluate the schedule of crossings for each ferry route to ensure ferry services cost-effectively meet the needs of both area residents and tourists. The study suggests raising fares on only 3 routes but appears to suggest that revenues should be shared across all ferry operations. The Wilmington Urban Area MPO Board has been supportive of a fare increase for passenger vehicles on the Southport-Ft. Fisher route however encourages that these funds continue to stay with their respective ferry route. The Wilmington Urban Area MPO is concerned that any reduction of service may have a significant impact on ferry use and revenues. The Wilmington Urban Area MPO also supports the completion of a long-range plan for the State ferry system.*

### **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 will fall 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 potential 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.*



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE 2018 LEGISLATIVE AGENDA**

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

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

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

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

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the 2018 Legislative Agenda.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



## *Unified Planning Work Program*

**Fiscal Year 2019**

**DRAFT**

**FY 19 UNIFIED PLANNING WORK PROGRAM  
for the  
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

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## **Introduction**

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a “cooperative, comprehensive, and continuing....” transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2019. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

The PWP for the Wilmington Urban Area identifies four separate funding sources for Urban Area transportation planning. A brief description of these funding sources follows:

- Statewide Planning and Research Programs (SPR)-These funds are used by NCDOT to conduct work for the Wilmington Urban Area MPO.
- Federal Highway Administration Section 104(f) Funds-These funds are dedicated to the urban area to perform transportation planning. They require a 20% local match.
- Federal Transit Administration Section 5303 Funds-These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Surface Transportation Program-Direct Attributable Funds- These funds are dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. They require a 20% local match.

The local match requirements will be shared by all members of the Wilmington Urban Area MPO in direct proportion to population as defined in the Wilmington Urban Area MPO Memorandum of Understanding.

## **Narrative of PWP Section 104(f) Work Tasks to be Performed in FY 19**

(Primary work to be performed by lead planning agency staff except where noted.)

### Line Item Code

II-A1 Traffic Volume Counts- Wilmington MPO staff maintains an ongoing traffic counting program. An annual summary of the urban area traffic counts and accident data will be prepared and uploaded to the WMPO website.

II-A2 Vehicle Miles of Travel- Establish VMT as measure of effectiveness of transportation system. Measure the VMT with the new travel demand model.

II-A3 Street System Changes- No tasks foreseen.

II-A4 Traffic Accidents-Currently MPO staff conducts an ongoing effort to summarize traffic accident data for specific projects. MPO staff also utilizes accident data for specific inquiries.

II-A5 Transit System Data- Update of transit system database as needed.

II-A6 Dwelling Unit, Population, Employment Changes- Will measure land use changes by Transportation Analysis Zone between 2010 Census and travel demand model base year. Staff will provide capacity analysis for proposed developments within the Wilmington Urban Area MPO's planning area boundary.

II-A7 Air Travel- No tasks foreseen.

II-A8 Vehicle Occupancy Rate Counts- No tasks foreseen.

II-A9 Travel Time Studies- Conduct key travel time studies for travel demand model and development of the Long Range Transportation Plan.

II-A10 Mapping- Keep Geographic Information System files current and produce maps to support the TCC and Board, transportation plans, programs, and projects.

II-A11 Central Area Parking Inventory- No tasks foreseen.

II-A12 Bicycle and Pedestrian Facilities Inventory- Update bicycle suitability assessment of federal-aid functionally classed roadways.

II-B1 Collection of Base Year Data- No tasks foreseen.

II-B2 Collection of Network Data- No tasks foreseen.

II-B3 Travel Model Updates- In concert with the North Carolina Department of Transportation, MPO staff will assist in the development of the 2045 travel demand model.

II-B4 Travel Surveys- No tasks foreseen.

II-B5 Forecast of Data to Horizon Year-No tasks foreseen.

II-B6 Community Goals and Objectives- Monitor public input as it pertains to goals and objectives set forth in the adopted Metropolitan Transportation Plan. Implementation of the Performance Measures from the FAST ACT.

II-B7 Forecast of Future Year Travel Patterns- No tasks foreseen.

II-B8 Capacity Deficiency Analysis- Identify areas of deficient capacity through use of travel demand model for further analysis as potential long range transportation improvement projects.

II-B9 Highway Element of Metropolitan Transportation Plan (MTP)- Identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies. Provide documentation of process and recommendations in the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B10 Transit Element of Metropolitan Transportation Plan- Identify public transportation deficiencies, priorities, and proposed transit improvement solutions for inclusion in the update of the MTP. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B11 Bicycle and Pedestrian Element of the Metropolitan Transportation Plan- Identify bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies. Provide documentation of the process and recommendations in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B12 Airport/Air Travel Element of the Metropolitan Transportation Plan - Identify airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B13 Collector Street Element of Metropolitan Transportation Plan- Develop regionally acceptable collector street policies and program recommendations for inclusion in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B14 Rail, Waterway and Other Elements of Metropolitan Transportation Plan - Identify rail and waterway deficiencies, priorities, and proposed rail and waterway improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B15 Freight Movement/Mobility Planning- Identification of freight movement deficiencies, priorities, and proposed improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B16 Financial Planning- Develop realistic, best estimates of funding sources available and project cost estimates throughout the forecast years for the MTP. Ensure fiscal constraint in the update of the MTP. Implementation of the Performance Measures from the FAST ACT.

II-B17 Congestion Management Strategies- Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions, and transportation system management strategies. Evaluate strategies developed for the Congestion Management Process. Document process and solutions in the update of the MTP and CMP report. Implementation of the Performance Measures from the FAST ACT.

II-B-18 Air Quality Planning/ Conformity Analysis- No tasks foreseen.

III-A Planning Work Program- Evaluation of FY 2019 PWP and development of FY 2020 PWP.

III-B Transportation Improvement Program- Review and amend the 2018-2027 Transportation Improvement Program on an as needed basis. Assist in the development of the 2020-2029 Transportation Improvement Program.

III-C1 Title VI Compliance-Work to insure compliance with the requirements of Title VI in urban area policies and practices.

III-C2 Environmental Justice- Analysis and outreach to insure that transportation plans and projects comply with Environmental Justice policies.

III-C3 MBE Planning- Activities to encourage participation of minority-owned business enterprises in contractual and supply opportunities.

III-C4 Planning for the Elderly and Disabled- Ensure the special needs of the elderly and disabled are addressed in all transportation planning projects.

II-C5 Safety/Drug Control Planning- No tasks foreseen.

III-C6 Public Involvement- Extensive Public Participation effort will be carried out to solicit input and gauge public input for planning studies the within the Wilmington Urban Area MPO's planning area boundary including the 2045 Metropolitan Transportation Plan.

III-C7 Private Sector Participation- Activities to encourage private sector participation in planning and project activities.

III-D1 Transportation Enhancement Planning- No tasks foreseen.

II-D2 Environmental and Pre-TIP Planning- Conduct environmental analysis and planning for the development of transportation projects in the Wilmington Urban Area.

III-D3 Special Studies- Consultant will be contracted to assist in the completion of the Metropolitan Transportation Plan.

III-D4 Statewide and Regional Planning- Coordination of urban area activities with statewide and regional initiatives.

III-E Management and Operations- Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.



MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2018
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,200
Section 5303 NCDOT 10%	1,200
Section 5303 FTA 80%	9,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2018
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2018
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2018
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2018
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2018
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2018
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2018
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,800
Section 5303 NCDOT 10%	2,800
Section 5303 FTA 80%	22,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	



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## Wilmington Urban Area Metropolitan Planning Organization

FY2019 Unified Planning Work Program

draft: March 28, 2018

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL		SECTION 5303			STBGP-DA		TDM		TASK FUNDING SUMMARY					
		LOCAL 20%	FWHA 80%	LOCAL 10%	NCDOT 10%	FTA 80%	LOCAL 20%	Highway / Transit	FWHA 80%	LOCAL 50%	NCDOT 50%	LOCAL	NCDOT	FEDERAL	TOTAL	
II-A	SURVEILLANCE OF CHANGE															
II-A-1	Traffic Volume Counts	10,600	42,400										10,600		42,400	53,000
II-A-2	Vehicle Miles of Travel	50	200										50		200	250
II-A-4	Traffic Accidents	600	2,400										600		2,400	3,000
II-A-5	Transit System Data	100	400	1,200		9,600	1,000	4,000					2,300	1,200	14,000	17,500
II-A-6	Dwelling Unit, Pop. & Emp. Change	400	1,600										400		1,600	2,000
II-A-9	Travel Time Studies	100	400										100		400	500
II-A-10	Mapping	2,000	8,000					39,869					11,967		47,869	59,836
II-A-12	Bike & Ped. Facilities Inventory	800	3,200										800		3,200	4,000
II-B	LONG RANGE TRANSPORTATION PLANNING															
II-B-3	Travel Model Updates	2,000	8,000										2,000		8,000	10,000
II-B-6	Community Goals & Objectives	4,000	16,000	400		3,200	1,000	4,000					5,400	400	23,200	29,000
II-B-7	Forecast of Future Travel Patterns	-	-										-		-	-
II-B-8	Capacity Deficiency Analysis	200	800										1,200		4,800	6,000
II-B-9	Highway Element of th L RTP	4,800	19,200										4,800		19,200	24,000
II-B-10	Transit Element of the L RTP	400	1,600	400		3,200							800	400	4,800	6,000
II-B-11	Bicycle & Ped. Element of the L RTP	4,000	16,000										4,000		16,000	20,000
II-B-12	Airport/Air Travel Element of L RTP	1,000	4,000										1,000		4,000	5,000
II-B-13	Collector Street Element of L RTP	600	2,400										600		2,400	3,000
II-B-14	Rail, Water or other mode of L RTP	1,000	4,000										1,000		4,000	5,000
II-B-15	Freight Movement/Mobility Planning	600	2,400										600		2,400	3,000
II-B-16	Financial Planning	400	1,600	800		6,400							1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	1,000	4,000				1,000	4,000					2,000		8,000	10,000
III-A	PLANNING WORK PROGRAM	224	896										224		896	1,120
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	200	800										200		800	1,000
III-C	CVL RGTS. CMP./OTR. REG. REQ'S.															
III-C-1	Title VI	100	400	800		6,400							900	800	6,800	8,500
III-C-2	Environmental Justice	600	2,400										600		2,400	3,000
III-C-3	Minority Business Enterprise	100	400	800		6,400							900	800	6,800	8,500
III-C-4	Planning for the Elderly & Disabled	50	200										50		200	250
III-C-5	Safety/Drug Control Planning	-	-										-	-	-	-
III-C-6	Public Involvement	1,000	4,000	800		6,400							1,800	800	10,400	13,000
III-C-7	Private Sector Participation	250	1,000										250		1,000	1,250
III-D	INCIDENTAL PLNG./PROJECT DEV.															
III-D-1	Transportation Enhancement Plng.	-	-										-		-	-
III-D-2	Enviro. Analysis & Pre-TIP Plng.	50	200										50		200	250
III-D-3	Special Studies	1,000	4,000				15,000	60,000					16,000		64,000	80,000
III-D-4	Regional or Statewide Planning	100	400										100		400	500
III-E	MANAGEMENT & OPERATIONS	29,450	117,800	2,800	2,800	22,400	70,033	280,131					162,283	62,800	420,331	645,414
TOTALS		\$67,774	\$271,096	\$8,000	\$8,000	\$64,000	\$99,000	\$396,000	\$60,000	\$60,000	\$60,000	\$234,774	\$68,000	\$731,096	\$1,033,870	

## Anticipated DBE Contracting Opportunities for FY 2019

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky Telephone Number: 910-342-2781

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
III-D-3	Special Studies	City of Wilmington	Consultant	\$36,000	\$45,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE FY 2019 UNIFIED PLANNING WORK PROGRAM  
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING  
ORGANIZATION**

**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**, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Wilmington Urban Area; and

**WHEREAS**, the City of Wilmington has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program (Section 5303) funds and Federal Highway Administration Metropolitan Planning (Section 104(f)) funds; and

**WHEREAS**, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2018-2019.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2018-2019 Planning Work Program for the Wilmington Urban Area.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

\*\*\*\*\*

I, \_\_\_\_\_, Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 28<sup>th</sup> day of March, 2018.

\_\_\_\_\_  
David Piepmeyer, Chair

\*\*\*\*\*

Subscribed and sworn to me this the \_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Notary Public

My commission expires\_\_\_\_\_.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION CERTIFYING THE WILMINGTON URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY  
2018**

**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 in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

**WHEREAS**, the Board has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and

**WHEREAS**, the Board has considered how the Transportation Planning Process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Section 1003(b) of ISTEA of 1991 (Pub. L. 102-240), Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); and

**WHEREAS**, the Board has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38); and

**WHEREAS**, the Metropolitan Transportation Plan has a planning horizon year of 2040, and meets all the requirements for an adequate Metropolitan Transportation Plan.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 28<sup>th</sup> day of March, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

Joe Benson  
Mayor

Steve Shuttleworth  
Council Member

LeAnn Pierce  
Council Member



Tom Bridges  
Mayor Pro Tem

JoDan Garza  
Council Member

Michael Cramer  
Town Manager

**Town of Carolina Beach**  
1121 N. Lake Park Blvd.  
Carolina Beach, NC 28428  
Tel: (910) 458-2999  
Fax: (910) 458-2997

February 6, 2018

Amy Kimes, PE  
Senior Project Engineer  
Wilmington Metropolitan Planning Organization (WMPO)  
City of Wilmington  
305 Chestnut Street, 4th Floor  
Wilmington, NC 28401

Re: DA Funding Request – U 5534 O – Cape Fear Blvd. Multi-Use Path Project

Dear Amy,

We understand that the TCC and TAC boards are currently considering allocation of current DA funds to jurisdictions with existing projects in need of additional funding. Please accept this letter as the Town's request for consideration of additional funding in the amount of \$79,266 for the Carolina Beach Cape Fear Blvd. MUP Project.

On Jan. 23rd the Town received construction bids for the project. The low bid was received from Legion Asphalt, Inc. for \$243,954.36. The Town's engineer has reviewed the bids and found Legion to be the lowest responsible responsive bidder. The engineer's bid recommendation is attached. At present the Town has a total of \$200,000 in federal grant funds and \$50,000 in local match. Although current funding exceeds the bid amount, it is not sufficient to cover the required 15% DOT administrative fee, streetscape or any contingency for the project. The following is a breakdown of funding needs:

Current funding:	\$250,000.00
Low bid:	<u>\$243,954.36</u>
Diff.:	\$6,045.64

For additional funding request:	
Base bid:	\$243,954.36
Streetscape:	32,000.00
Subtotal:	275,954.36
10% contingency:	<u>27,595.44</u>
Subtotal:	\$303,549.80
15% DOT admin.:	<u>45,532.47</u>
Total project cost	\$349,082.27

Current funding	<u>-\$250,000.00</u>
Total additional cost	\$99,082.27
80% grant request	\$79,265.82
20% local match	\$19,816.45

We understand the Town will be responsible for the required 20% match of \$19,816. I will forward a resolution of support and match commitment from the Town Council after they take action at their Feb. 13 meeting.

We appreciate your assistance and consideration of our request by the Board. Please let me know if you need additional information.

Sincerely,



Jerry Haire  
Project Manager



**RESOLUTION AUTHORIZING THE TOWN OF CAROLINA BEACH TO  
SUBMIT A REQUEST TO THE WILMINGTON METROPOLITAN  
PLANNING ORGANIZATION IN THE AMOUNT OF \$79,266 FOR  
SURFACE TRANSPORTATION BLOCK GRANT PROGRAM – DIRECT  
ATTRIBUTABLE FUNDS FOR THE CAPE FEAR BLVD. MULTI-USE  
PATH PROJECT**

**WHEREAS**, the Wilmington Metropolitan Planning Organization (WMPO) has advised that funding is available for projects to agencies in its jurisdiction from the Surface Transportation Block Grant Program – Direct Attributable (STBG). The STBG Program is comprised of a collection of discretionary programs including planning, designing and constructing multi-use paths for bicycle and pedestrian use. The funding requires a minimum 20% local cash match, and

**WHEREAS**, the Town has identified additional funding needs for the Cape Fear Blvd. Multi-Use Path (MUP) Project (Project U 5534-O), and

**NOW, THEREFORE, BE IT RESOLVED THAT:**

- 1) That the Town Manager is hereby authorized to submit a request to the WMPO for STBG funds in the amount of \$79,266, and if the STBG funds are awarded for the project, the Town will contribute the required 20% cash match necessary for the Cape Fear Blvd. MUP Project in the amount of \$19,816.
- 2) The Town assumes full obligation for payment of the balance of project costs.
- 3) The Town will obtain all necessary State and Federal permits.
- 4) The Town will comply with all applicable laws governing the award of contracts and the expenditure of public funds by local governments.
- 5) The Town will assure that the project is open for use by the public on an equal basis with no restrictions.

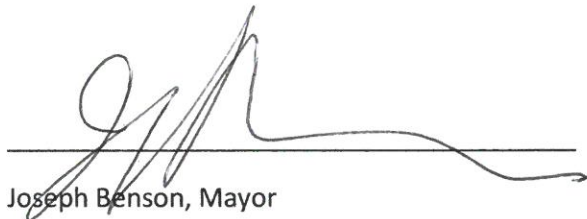


# Resolution 18-2175

Town of Carolina Beach  
Town Council

- 6) The Town will hold the funding agency harmless from any damages that may result from the construction, operation and maintenance of the project.
- 7) The Town accepts responsibility for the operation and maintenance of the completed project.

Adopted by the Town Council this 13<sup>th</sup> day of February, 2017 by a vote of 5 in favor and 0 against.

  
\_\_\_\_\_  
Joseph Benson, Mayor

Kimberlee Ward  
\_\_\_\_\_  
Attest: Kimberlee Ward, Town Clerk

2-13-2018  
\_\_\_\_\_  
Date Approved



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF SURFACE TRANSPORTATION BLOCK  
GRANT- DIRECT ATTRIBUTABLE FUNDS TO TOWN OF CAROLINA BEACH FOR THE CAPE FEAR  
BOULEVARD MULTI-USE TRAIL**

**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 Highways Administration (FHWA) designated the Wilmington Urban Area Metropolitan Planning Organization as a Transportation Management Area (TMA); and

**WHEREAS**, Surface Transportation Block Grant- Direct Attributable (STBGP-DA) funds are available for all designated TMAs; and

**WHEREAS**, the STBGP-DA program was previously known as the Surface Transportation Program-Direct Attributable (STP-DA) program under Moving Ahead for Progress in the 21st Century Act (MAP-21); and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization's Board allocated FY 15 STP-DA funds to Cape Fear Boulevard Multi-use Path for the construction of a multi-use path from 3<sup>rd</sup> Street to Dow Road; and

**WHEREAS**, the Town of Carolina Beach has requested an additional \$79,266 from the Wilmington Urban Area Metropolitan Planning Organization for un-anticipated project costs; and

**WHEREAS**, by Resolution the Town of Carolina Beach has approved the required 20% local match.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the allocation of STBGP-DA funds to the Town of Carolina Beach for Cape Fear Boulevard Multi-use Path project.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF A PORTION OF THE FY 2018  
SURFACE TRANSPORTATION BLOCK GRANT PROGRAM - DIRECT ATTRIBUTABLE  
(STBGP-DA) TO THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY**

**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**, Surface Transportation Block Grant Program - Direct Attributable (STBGP-DA) funds are available for all designated TMAs; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization's Board provided guidance on January 31, 2018 to move forward with the funding of existing over budget projects and the support of Cape Fear Public Transit Authority.

**NOW, THEREFORE**, be it resolved that the Board of the Wilmington Metropolitan Planning Organization hereby supports the allocation of a portion of the FY 2018 STBGP-DA funds to the Cape Fear Public Transportation Authority for public transportation activities.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 28, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



# Cape Fear Crossing

STIP U-4738

## Brunswick and New Hanover Counties

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### PROJECT STATUS REPORT

March 1, 2018

#### 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 February:

#### Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- The draft Traffic Capacity Analysis is currently under review with NCDOT.
- The project team continues preparation of the Draft Environmental Impact Statement (DEIS).
- Design refinements have been prepared and submitted to NCDOT for review on bridging decisions from the NEPA/Section 404 Merger Team Concurrence Point 2A – “Bridging Decisions and Alignment Review” meeting on 8/17/17.
- Design refinements for alternatives south of the Port of Wilmington have been prepared and submitted to NCDOT for review due to the request from the NCSPA to provide 215 feet of vertical clearance over the Cape Fear River navigational channel (versus 187 feet as previously designed).

#### Upcoming Activities

- The project team will incorporate any design revisions necessary upon finalization of the Traffic Capacity Analysis.

#### Past Activities

- 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.
- Right-of-Way cost estimates and relocation reports have been completed.
- The project team received final concurrence from the NEPA/Section 404 Merger Team on Concurrence Point 2A – “Bridging Decisions and Alignment Review” on 8/17/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – “Bridging Decisions and Alignment Review” on 5/30/17.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – “Purpose and Need and Study Area Defined” on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – “Detailed Study Alternatives Carried Forward” on 2/10/14.
- Technical documents that have been finalized are available on the project website under “Project Documents.”

#### Contact Information

NCDOT – John Conforti, [jgconforti@ncdot.gov](mailto:jgconforti@ncdot.gov), 919.707.6015; AECOM – Joanna Rocco, [joanna.rocco@aecom.com](mailto:joanna.rocco@aecom.com), 919.239.7179; Website: <http://www.ncdot.gov/projects/capefear/>; Email: [capefear@ncdot.gov](mailto:capefear@ncdot.gov); Hotline: 1.800.233.6315

**WILMINGTON MPO**  
**TRANSPORTATION PLANNING**  
**MARCH 2018**

**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. The CAC approved *Cape Fear Moving Forward 2045* as the plan's name. A kick-off meeting will be held on April 3<sup>rd</sup> at the Northeast New Hanover County Library.

**Next Steps:**

- Hold Kick-off event on April 3<sup>rd</sup>
- Present to the Local Members Boards and first round of public outreach events
- Continue to work with the CAC on plan development
- 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. Staff from the MPO and Town continue to work on the development of these standards. A public meeting was held on December 4<sup>th</sup> to review the draft materials. The document was revised and a follow-up meeting was held on February 20<sup>th</sup>.

**Next Steps:**

- Hold a meeting with the development community to discuss the planning effort
- 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 plan will be revised by County and MPO staff to meet our needs.

**Next Steps:**

- Finalize Draft Plan
- 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: 8 reviews
- New Hanover County Informal Plan Reviews: 1 reviews
- New Hanover Concept Reviews: 0 reviews
- 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: 1 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 16 total (New Hanover County 6, City of Wilmington 8, Carolina Beach 0, Leland 1, Navassa 1, and Pender County 0) new 2 and ongoing 14
- Pender County Development Plan Reviews: 8 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 58 (9 new, 49 on-going)
- City of Wilmington Informal Reviews: 25 (4 new, 21 on-going)
- City of Wilmington Concept Reviews: 15 ( 12 new concept reviews- 3 on-going concept)
- COW Project Releases: 8 Full releases

## **STBGP-DA/TASA-DA FY 2013, 2014, 2015 and 2016 Project Status**

### **STBGP-DA**

#### **U-5534B - CITY OF WILMINGTON- HEIDI TRASK DRAWBRIDGE**

**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:**

- Construction contract awarded to Intercoastal Marine, LLC
- Additional funds approved by the City on September 5th.
- Additional modifications being made to the structure to span AT&T locations

#### **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:**

- 100% plan comments sent back to Engineer
- Specifications comments sent back to Engineer
- R/W acquisition completed Spring 2018

- Bidding anticipated in Summer 2018

#### **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:**

- Revised 90% plans/ROW plans and project schedule submitted to NCDOT on January 24, 2018
- The Town is working to complete a Supplemental Agreement with NCDOT
- NCDOT to determine project ownership
- Construction contract let is anticipated June 20, 2018

#### **U-5534E - 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. The Town desires to combine the project with the awarded 2014 STP-DA project. Contract documents have been approved and are being finalized for advertisement. Initial funding has been approved by the Board and FHWA.

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

- Project under construction

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

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

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

- Plans and Technical specs have been resubmitted to NCDOT for review
- The City has received the proposed Supplemental Agreement from NCDOT for \$240,000
- The City is preparing the Council package for approval of the Supplemental agreement during a March Council Meeting.
- Anticipated Let Date: To be determined once bid package approved

#### **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:**

- 65% plans complete.
- Awaiting final plans
- Anticipated Let Date: Summer 2018

**U-5534H – 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:**

- The City has provided the executed revised scope and amendment to McKim & Creed.
- Issues with the plans continue to exist. The City will be issuing a letter to McKim & Creed.
- Anticipated Let Date of Fall 2018

**U-5534G –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:**

- The City has provided the executed revised scope and amendment to McKim & Creed.
- Issues with the plans continue to exist. The City will be issuing a letter to McKim & Creed.
- Anticipated Let Date of Fall 2018

**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:**

- 90% plans reviewed by NCDOT. Comments being addressed.
- 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 5 foot wide sidewalks in three locations: along Village Road from Town Hall Drive going southeast to the existing sidewalk in front of the apartment complex, along Town Hall Drive from Village Road NE to the sidewalk currently under construction by the new Town Hall, and along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

**Project Status and Next Steps:**

- The Leland Town Council approved a scope change at their July meeting
- 90% plans reviewed by NCDOT. Comments being addressed.
- Right of way acquisition underway

**U-5534I –VILLAGE ROAD MULTI-USE PATH EXTENSION**

**Project Descriptions/Scope:** The construction of a 10 foot wide asphalt multi-use path routed across Perry Ave, behind the library, out to Village Road, down Village Road ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

**Project Status and Next Steps:**

- 90% plans reviewed by NCDOT. Comments being addressed.



- 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.

#### **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:**

- 100% plans submitted to NCDOT and approved.
- Additional funds will be requested
- Anticipated let date Summer 2018

#### **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:**

- Bids were opened January 23, 2018.
- Additional funds being requested from the TCC and Board in March
- Construction to start once additional funds are received

#### **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 City will provide additional survey regarding the drainage conflicts – survey update 95% complete
- Consultant is providing a revised design scope and schedule based on the drainage issues identified in the 25% plans – once revised survey is complete
- 25 % plans have been submitted to NCDOT for review – comments received, designer correcting
- The City will revise schedule upon outcome of survey issue

#### **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:**

- Davenport Engineering manhour estimate has been approved.
- Contract is being executed.
- Design to begin within the next month.

**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
- PE Advertisement to close on March 15, 2018

**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:**

- A supplemental agreement between NCDOT and City is required for the additional funding. The agreement was approved by the Wilmington City Council on September 5, 2017. The supplemental agreement is on the December Board of Transportation agenda.
- The project is over budget. The city will be requesting additional funds.

**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:**

- New Hanover County has selected Davenport Engineering to complete the design.
- Davenport manhour estimate has been approved by NCDOT
- New supplemental agreement signed allowing for additional funding and time extension to December 31, 2019

**U-5527D HARPER AVE. MULTI-USE PATH**

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

**Project Status and Next Steps:**

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised by the Town
- Advertisement of PE Services is anticipated in Spring 2018
- Anticipated let date June 2018

**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 if approved would fund 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 Coordinator position is currently vacant with the position closing on March 3<sup>rd</sup>. The MPO held a bike share meeting to discuss the bike-share concept.

**Next Steps:**

- Continue to work with Pulsar on the development of the Go Coast strategic marketing plan
- Analyze data and results from the Go Coast Commuter Challenge and develop presentations to various groups reflecting our success
- Gather model alternative work schedule policies from various regional employers to be highlighted in the statewide initiative to showcase model alternative work schedules
- Schedule lunch and learns/presentations with area employers to promote Go Coast program
- Partner with large employers to determine vanpool options
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations
- Hold a second Bike Share RFP review and select the companies to be interviewed



## Cape Fear Public Transportation Authority

### Project Update

March 2018

#### REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - (no change) identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. The Authority has applied for funding from a nationwide discretionary grant program from Federal Transit and is pursuing other opportunities. Wave responded to the NC DEQ RFI regarding the allocation of \$92M in VW settlement funding.
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.  
A town hall meeting was held on February 10, 2018 to receive public input regarding the draft recommendations. Approximately 50 community members attended the meeting. Public comment to the draft recommendations will be accepted until March 09, 2017. Details of the plan are available at the following  
URL: <https://www.wavetransit.com/short-range-transit-plan/>. The final report will be presented to the Authority at a regular meeting on March 22, 2018. Changes to the Wave Transit routes based on recommendations from the consultant will be developed over the summer and fall with implementation in late 2018 to coincide with the opening of the Wilmington Multimodal Transportation Center.
3. **Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. Strategies to meet future revenue requirements will be identified during SRTP development. The Authority has drafted a *Short Range Financial Plan* which was adopted on January 26, 2017. The financial plan findings will be reviewed by the SRTP consultant and included in the final plan. A possible study

regarding long term funding for transit in the region is being evaluated by the City of Wilmington and New Hanover County.

4. **Shelter Program** - (no change) a program to replace and add up to 50 bus shelters and 25 benches at bus stops is underway. Construction of the first eight shelters is complete. Phase two, consisting of 12 shelters and 15 benches is currently under construction. Phase three consisting of three super stops at Independence Mall, Hanover Center, and Monkey Junction is in the engineering and permitting phase.

#### **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.  
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 January 16, 2018. Bids were scheduled to be opened on February 13, 2018. Due to an insufficient number of bids, the project was readvertised on February 14, 2018. Bids are due March 13, 2018. Award is expected on March 22, 2018. Renovation construction is expected to take approximately six months, with a tentative opening date of late fall 2018.
2. **Preventive Maintenance & ADA** - STBGP-DA funding in the amount of \$510,778 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is in process. 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 January 2018 the Authority provided 1,147 ADA passenger trips. The period of performance for the project is 07/01/2017 through 06/30/2018.
3. **Replacement CNG Buses** - (no change) In February 2017 the WMPO appropriated \$744,000 in FHWA funding for two replacement CNG buses. The Authority has a contract for the vehicles with Gillig, LLC. A purchase order for the buses was approved by the Authority on June 22, 2017. Local matching funds have been appropriated by the City of Wilmington. The estimated delivery date is May 2018 for both vehicles. Grant application with FTA has been executed and award is expected in January 2018.



February 12, 2018

Greetings!

Welcome to another update on the Wilmington Rail Realignment Project, formerly designated the Mayor's Task Force on Rail Realignment.

A lot has happened since the last update. As always, please let me know any questions or concerns you feel need to be addressed. Please feel free to respond back to me at [Laura.lwpadgett@gmail.com](mailto:Laura.lwpadgett@gmail.com) or call me at 910-262-4025. Thanks.


1. To repeat the purpose of this project: Southeastern North Carolina has the opportunity to benefit from a realignment of the existing heavy rail corridor that currently runs through the City of Wilmington to a safer, more direct route into and out of the Port of Wilmington which would then allow a re-purpose of the right-of-way for public use.

The project has benefits for Economic Development, Port of Wilmington growth, health, safety, and quality of life for the four county region of New Hanover, Pender, Brunswick and Columbus, including the City of Wilmington. This project can enhance capacity for the Port of Wilmington and other companies using the river and rail.

2. The Mayor's Task Force completed its work on the feasibility study by Moffatt & Nichol which indicated that the project is feasible and that there are no major barriers from engineering or the environment to building the new track across the Cape Fear River and up the west side along the 421 Highway corridor. That is not to say, there are no challenges . . . there are. The Task Force did recommend the City move forward with the project and on July 18, 2017, the Wilmington City Council accepted the Feasibility Report and committed to working on the project as the lead agency, needing many partners, of course.
3. Thank you to the members of the Task Force for their efforts in assessing this project, guiding the Feasibility Study and for their considered recommendation to the City of Wilmington.
4. The project is now entering the next phase. January 9, 2018, the City Council appointed me the Coordinator for the Project for the City for the coming year. This further demonstrates the City's commitment to the project. Much of my work will be building partnerships for the project and transitioning the accomplishments to a full time employee as project manager with the City. My primary concentration will be on relocating the freight rail use to a new track facility across the Cape Fear River. I look forward to continuing to work closely with Glenn Harbeck, the City's Director for Planning, Development and Transportation; and with John Cease whose insight, relationships, and knowledge of the rail industry will continue to be invaluable.

5. While there has been something of a lull since July, there have still been a number of things happening. Several presentations to organizations and community groups, as well as meetings with individuals in the community, were made in an effort to both keep the community informed about the project and continue to gain knowledge that would help the project.
6. The end of May, Glenn Harbeck and John Cease made a presentation to the NC Railway Association Annual Conference when it met in Wilmington.
7. In September, Glenn and I participated in the American Institute of Architects NC annual meeting in Wilmington regarding design and quality of life opportunities created by using the rail right-of-way for public transportation. Also in September, I conducted a webinar for the Professional Engineers of NC on the RR Project.
8. In November, Glenn and I were asked to make a presentation at the Port to the NC House Committee on Transportation Strategic Planning and Funding. About 60 people, many of them NC Legislators, heard the presentation and it was well-received. Thanks to Glenn for his great PowerPoint.
9. We continue to see rapid change in area freight. The Queen City Express from the Port to Charlotte is running most days. Enviva continues their shipping and growth. The Carolina Connector in Rocky Mount has become a question but appears not gone although perhaps changed. There are changes in CSXT's management with the arrival of E. Hunter Harrison to lead and his untimely death before Christmas. CSXT continues to make major changes in its business model as it moves toward Precision Scheduled Railroading. There are other changes across the industry's leadership as well.
10. The Port of Wilmington and NC DOT are working on a study produced by Mott McDonald to recommend ways to improve train speeds and track conditions from the Davis (Navassa) Rail Yard through Wilmington to the Port, including significant upgrades to track at the Port. That study predicted 8 round trip trains per week by 2021 and longer trains up to 10,000 feet. The Port has completed significant improvements to enhance their capability to handle 10,000 foot trains. The prospect of nearly 2-mile-long trains blocking 30+ crossings within Wilmington for nearly a half hour each, including 11 major thoroughfares, lends urgency to the Realignment Project.
11. We continue to work with potential private partners, the NC Legislature and our Federal delegates.

The Project has benefitted greatly from the people, organizations and businesses who have shared the privilege of their time to talk with us. Any person or organization that you feel we should contact, please let me know. Thank you for your interest and I am happy to receive questions and comments.



Laura Padgett, Coordinator  
Wilmington Rail Realignment Project

Logo by [Tori Jones and Clove Marketing](#)



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

March 8, 2018

**WMPO Project Update List**

**Project Update List for New Hanover County**

**Projects Under Construction**

**Contract C203922: Greenfield Lake:** Realign and upgrade intersection at SR 1436/US 421 and SR 1140 (Burnett Blvd.) south of Willard Street.

Original traffic pattern open December 2017

- Contractor has completed the culvert.
- Full intersection opened to Traffic
- Sewer line work away from traffic remains.
- Contractor working on punch list items.
- Punch list completion tentatively end of February

Contractor: Mountain Creek Contractors Inc.

Bid Amount: \$3,156,247.36

Completion Date: February 28, 2018

**Percent Complete: 100.0%**

**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.**

Work will continue to Mt. Misery and Cedar Hill Road until Spring of 2018.

**Roadway:** • Working on guardrail/guiderrail.

- Working on grading approach slabs for last incomplete structures on mainline.

Contractor: Barnhill Contracting

Estimated Completion Date: June 2018

**Percent Complete: 88.6%**

**R-2633 BB – (Wilmington Bypass: Bridge over Cape Fear River: C203198)** construct a 4-lane divided highway from SR 1430 (Cedar Hill Road) to US 421 (where I-140 currently ends in New Hanover County...this includes the large bridge over the Cape Fear River).

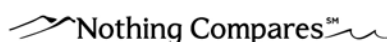
**Open to traffic on December 18, 2017.**

- 90% complete on the roadway portion of the project.

Contractor: Balfour Beatty Infrastructure

Estimated Completion Date: June 2018

**Percent Complete: 99.7%**





**B-5103: (C203540)** replace bridge #35 over the abandoned railroad on SR 1627 (3<sup>rd</sup> Street), in Wilmington.

Bid Amount: \$4,640,453.87

**Percent Complete: 99.9%. Waiting on final estimate.**

**U-3338B: (C203772)** Widening of Kerr Ave. from Randall Parkway to MLK, Jr. Prkwy. Installing storm drain throughout project, and grading Multi-Use Path at Kerr and Randall Prkwy. Multi-Use path at Kerr Ave. and Randall Prkwy. is paved.

- Mast arm for traffic signal has been installed at Kerr Ave. and Randall Prkwy.

Contractor: Sealand Contractors Corp.

Bid Amount: \$22,000,000.58

Estimated Completion date: November 2018

**Percent Complete: 62.9%**

**B-5236: (C203957)** Replace Bridge #19 over Lords Creek on SR-1100

**Start Date: November 2017**

**Anticipated Completion date: November 2018**

**Percent Complete: 24.5%**

**U-4751: (C203980) Military Cutoff Road Extension:** 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).

**Realignment of Lendire Road complete.**

Construction forecasted from FY2017 - FY2022

- PNB is working on lowering their gas line throughout the project
- Spectrum boring and pulling cable
- Duke Energy working on clearing and installing power poles
- Precon was on Tuesday January 9, 2018
- Survey party finish staking wetland boundary for Duke clearing crews.

**Anticipated Completion date: April 2022**

**Percent Complete: 2.6%**

### Project Development

**R-5021:** widening of NC 211 from NC 87 to SR 1500 (Midway Road) to a 4-lane divided facility.

**Let Date June 2018**

**U-4902 C&D: US 17 Business (Market Street)** construct a “superstreet” (median) from SR 2734 (Marsh Oaks Drive) to Lendire Drive & from Station Road to US 74 (MLK Parkway/Eastwood Road).

**Let Date October 2018**

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

**Let Date December 2018**

**U-5710: US 74 (Eastwood Road)** from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway. **Let Date July 2021**

**U-5729: US 421 (Carolina Beach Road)** from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway. **Let Date July 2021**

**FS-1003B: Feasibility Study US 421 (Carolina Beach Road)** study the widening of roadway from Sanders Road to NC 132 (College Road). **Feasibility Study in progress.**

**U-5790: US 421 (Carolina Beach Road)** widen existing US 421 from Sanders Road to NC 132 (College Road) and construct fly-overs at Monkey Junction intersection  
**Design Build Selection Date January 2020**

**U-5731: US 74 (US 17/US 421 in Wilmington)**  
Construct a Fly-Over and Free Flow Ramp at interchange. **Let Date September 2022**

**R-5701: US 117 Business (Intersection of N. Walker Street and E. Wilmington Street)**  
Construct roundabout.  
**Let Date for construction: FY 2020**

**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 September 2023. Right of Way and Utilities Let 2021**

**U-5710: US 74 (Eastwood Road)** construct an interchange at the at-grade intersection of SR 1409 (Military Cutoff Road) & US 74 (Eastwood Road)  
**Let Date January 2022**

**FS-1503A: Feasibility Study US 17 Bus. (Market Street)** study the at-grade intersection of US 17 Business (Market Street), US 74 (MLK Parkway) & US 74 (Eastwood Road) for installment of an interchange.  
**Feasibility Study in progress.**

**FS U-5734: Feasibility Study S. Front Street** study the widening of S. Front Street from the intersection of Burnett Blvd. and US 421 (Carolina Beach Road), to Dawson Street.  
**Environmental Assessment in progress.**

### [Resurfacing Contracts - New Hanover County](#)

**New Contract:** New Hanover County: Resurfacing Contract: 2018CPT.03.04.10651; C203888  
US 76 E. & W., US 421 (3) + NC State Port.  
**No activity to report to date**

Mill & Resurface the following primary and secondary routes in New Hanover County:  
2018CPT.03.03.10101 and 2018CPT.03.04.10651 DC00172

**US 17 Bus. East/US 76 East** – Ocean Hwy E. from New Hanover County Line northwest past underpass.

**US 17 Bus. W/US 76 West** – Ocean Hwy E.

**US 421 N. Ramp** – From US 421 to off ramp onto US 76/421

**US 17 Bus. E./US 76 E. (US Hwy. 74/76)** – From New Hanover County Line to Cape Fear Memorial Bridge. Bridge #13.

**US 17 Bus. W./US 76 W (US Hwy. 74/76)** - From New Hanover County Line to Cape Fear Memorial Bridge. Bridge #13.

**US 421 N. (Carolina Beach Rd.)** – From Snows Cut Bridge, north to SR 1187 (Sanders Road).

**US 421 S. (Carolina Beach Rd.)** – From Snows Cut Bridge south to SR 1187 (Sanders Road).

**NC 132 N. (South College Rd.)** – near SR 1521 (Piner Road) north to 17<sup>th</sup> Street.

**NC 132 S. (South College Rd.)** – From 17th Street south near SR 1521 (Piner Road).

**SR 1318 (Blue Clay Rd.)** – From the intersection of SR 1302 (23<sup>rd</sup> St.) and Blue Clay Rd. north to the intersection of Blue Clay Rd. and N. College Rd.

**SR 1492 (Myrtle Grove Rd.)**

**SR 1333 (Hermitage Rd.)** – From NC 133 to SR 2157 (Crowatan Rd.)

**SR 2158 (Hermitage Rd.)** – From SR 2157 (Crowatan Rd.) to end of road.

**SR 2157 (Crowatan Rd.)** – From NC 133 to SR 1333 (Hermitage Rd.)

**SR 2159 (Chesterfield Rd.)** – From end of SR 1333 (Hermitage Rd.) to end of SR 2159 (Chesterfield Rd.)

**SR 2228 (Dekker Rd.)**

**SR 1317 (Chadwick Ave.)** – From Castle Hayne Rd. to end of SR 1317 (Chadwick Ave.)

**SR 2697 (Memory Lane)** – From Bountiful to end of SR 2697 (Memory Lane).

**SR 1852 (Shore Point Dr.)**

**SR 1853 (Conch Dr.)**

**SR 1882 (Abalone Dr.) (Coquina Dr.) and (Cowrie Lane)** – Located off of Edewater Club Dr. in Porters Neck.

**SR 2908 (Conquina Dr.)** – Located off of Edewater Club Dr. in Porters Neck.

**SR 2537 (Duck Downe Ct.)**

**SR 2023 (Diamond Shamrock Rd.)** – Located off of SR 1002 (Holly Shelter Rd.)

**SR 1823 (Kenmore Dr.)** – Located off of SR 1403 (Middle Sound Loop Rd.)

**SR 1824 (Brandywine Circle)** – Located off of SR 1403 (Middle Sound Loop Rd.)

**SR 1826 (Homestead Ct.)** – Located off of SR 1403 (Middle Sound Loop Rd.)

**SR 1825 (Salem Ct.)** – Located off of SR 1403 (Middle Sound Loop Rd.)

**SR 2024 (Krauss Ln.)** – Located off of Division Dr.

**SR 2322 (Walker Ridge Ct.)** - Located off of Carolina Beach Rd. (North)

**SR 2326 (Bainbridge Ct.)** - Located off of Carolina Beach Rd. (North)

**SR 2327 (Alden Ct.)** - Located off of Carolina Beach Rd. (North)

**SR 2021 (Wordsworth Dr.)** – Located off of North College Rd.

**SR 2168 (Pine Knolls Rd.)** – Located off of SR 1322 (Murrayville Rd.)

**SR 2733 (Miranda Ct.)** – Located off of W. Northchase Prkwy.

**SR 2732 (Lakemoor Dr.)** – Located off of W. Northchase Prkwy.

**SR 2230 (Edward Hyde Place)** – Located off of W. Northchase Prkwy.

**SR 2231 (John Yeamen Rd.)** – Located off of SR 2230 (Edward Hyde Place)

**SR 2730 (Nevan Ln.)** – Located off of W. Northchase Prkwy.

**SR 2004 (Kings Dr.)** – Located off of N. Coilege Rd.  
**SR 2264 (Jason Ct.)**  
**SR 2657 (William Louis Dr.)**  
**SR 2658 (Brandy Ct.)**  
**SR 1375 (Lockwood Dr.)**  
**SR 1376 (Glenlea Dr.)**  
**SR 1374 (Alandale Dr.)** – Located off of N. Kerr Ave.  
**SR 1377 (Lynbrook Rd.)**  
**SR 2206 (W. Northchase Prkwy.)** – Located on N. College between SR 2257 (SE Northchase Prkwy.) and SR 2652 (NE Northchase Prkwy.)  
**SR 2767 (Ammons Drive)** – Located off of W. Northchase Prkwy.  
**SR 2234 (Brittany Rd.)** – Located off of SR 1322 (Murrayville Rd.)  
**SR 2235 (Creek Ridge Rd.)** – Located off of SR 1322 (Murrayville Rd.)  
**SR 2117 (Shenandoah St.)** – Located off of SR 1322 (Murrayville Rd.)  
**SR 2072 (Kerry Dr.)** – Located off of Holly Shelter Rd.  
**SR 2073 (McGregor Rd.)** – Located off of Holly Shelter Rd.  
**SR 2074 (Berwick Dr.)** – Located off of Holly Shelter Rd.  
**NC State Port Authority (Patching)**  
**SR 1971 (Humphrey Dr.)**  
**SR 1345 (Alexander Rd.)** – Located off of Market Street  
**SR 1923 (Lost Tree Rd.)** – Located off of N. Market Street  
**SR 1930 (Bright Leaf Rd.)**  
**SR 1979 (Harlandale Rd.)**  
**SR 1989 (Haven Way)** – Located off of Middle Sound Loop Rd.

Following roads are located off of SR 2048 (Gordon Rd.)

**SR 2622 (Bay Blossom Dr.)**  
**SR 2626 (Winter Moss Ln.)**  
**SR 2665 (Hopscotch Dr.)**  
**SR 2666 (Sapling Circle)**  
**SR 2667 (Splitbrook Ct.)**  
**SR 2672 (Loblolly Ct.)**

**Mill & resurface the following primary routes in New Hanover County: 2017CPT.03.07.20651. DC00172**

**SR 1318 (Blue Clay Rd.)** – from radius at intersection of SR 1322 (Kerr Ave.) to pvmt seam at US 117. 2.89 miles.  
**SR 1324 (Sheridan Dr.)** – from NC 133 to SR 1325 (Long Leaf Drive).  
**SR 1325 (Long Leaf Dr.)** – from SR 1326 (Laurel Drive) to SR 1358 (Holland Drive).  
**SR 1326 (Laurel Dr.)** – from SR 1358 (Holland Drive) to dead end.  
**SR 1332 (Chair Rd.)** – from NC 133 west on NC 133.  
**SR 1382 (Garden Place Dr.)** – from NC 132 to SR 1387 (Hyacinth Ave.)  
**SR 1383 (Wedgewood Rd.)** – from SR 1382 (Garden Place Dr.) to dead end.  
**SR 1387 (Hyacinth Ave.)** – from SR 1382 (Garden Place Dr.) to dead end.  
**SR 1668 (Balsam Dr.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1668 (Balsam Dr.).  
**SR 1669 (Darley Ln.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1686 (Royal Oak Dr.)  
**SR 1686 (Royal Oak Dr.)** – SR 1492 (Myrtle Grove Rd.) to SR 1667 (Hickory Knoll Dr.)

**SR 2071 (Arlene Dr.)** – from NC 133 to end of maintenance.  
**SR 2181 (Blue Clay Rd. / Dairy Farm Rd.)** – from SR 1002 (Holly Shelter Rd.) to SR 1336 (Sidbury Rd.).  
**SR 2199 (Creekstone Ln.)** – from SR 1335 (Parmele Rd.) to end of maintenance.  
**SR 2200 (Plum Tree Lane)** – from SR 2199 (Creekstone Ln.) to end of maintenance.  
**SR 2501 (Access Rd. to Monkey Jct.)** – from US 421 to US 421.  
**SR 1322 (Murrayville Rd.)** – from SR 2234 (Brittany Rd.) to SR 2691 (Retriever Dr.).  
**SR 2313 (Wilshire Blvd.)** – from west of SR 1175 (Kerr Ave.) to east of Rosemont Ave.  
**SR 1400 (Flutch Creek Rd./Champ Davis Rd.)** – from south of SR 2845 (Market Street) to SR 1491 (Porters Neck Rd.).  
**SR 2652 (Northchase Pkwy. NE)** – from US 117 to cul-de-sac

**Estimated Completion Date: February 2018**

**Percent Complete: 95.7%**

**Mill & resurface the following primary routes in New Hanover County:**

**US 421 (Carolina Beach Road)** – from 0.26 miles south of Independence Blvd. (non-system portion) to west of Lake Shore Drive (non-system)  
**US 117 Northbound Lanes (Shipyard Blvd)** – from US 421 to 0.05 miles east of US 421 (Carolina Beach Road)  
**US 117 Southbound Lanes (Shipyard Blvd)** – from 0.20 miles east of US 421 to US 421 (Carolina Beach Road)  
**US 421 Southbound Lanes (South 3<sup>rd</sup> Street)** – from US 76 (Dawson Street) to Greenfield Street (non-system)  
**US 421 Northbound Lanes (South 3<sup>rd</sup> Street)** – from Greenfield Street (non-system) to US 76 (Dawson Street)  
**US 17 Business (South 3<sup>rd</sup> Street)** – from US 76 eastbound lanes to US 76 westbound lanes.

**Mill & resurface the following secondary routes in New Hanover County:**

**SR 1218 (16<sup>th</sup> Street)** – from US 76 westbound lanes (Wooster Street) to US 76 eastbound lanes (Dawson Street)  
**SR 1371 (16th St.)** - from Grace Street (non-system) to US 17 Business (Market Street)  
**SR 2816 (16th St.)** - from US 17 Business (Market Street) to US 76 westbound lanes (Wooster Street)  
**SR 1301 (17<sup>th</sup> Street)** - from US 17 Business (Market Street) to Grace Street (non-system)  
**SR 2817 (17th Street)** - from US 76 eastbound lanes (Dawson Street) to US 17 Business (Market Street)  
**SR 1411 (Wrightsville Avenue)** - from Dawson Street Extension (non-system) to SR 1209 (Independence Blvd.)

**Resurface the following secondary routes in New Hanover County:**

**SR 2699 (Amsterdam Way)** - from SR 2700 (Old Dairy Rd.) to SR 2048 (Gordon Rd.)  
**SR 2701 (Antilles Ct.)** - from SR 2698 (Netherlands Dr.) to end maintenance  
**SR 2698 (Netherlands Dr.)** - from SR 2048 (Gordon Rd.) to SR 2700 (Old Dairy Rd.)

**SR 2700 (Old Dairy Rd.)** - from US 17 Bus. (Market St.) to SR 2699 (Amsterdam Way)

**SR 2220 (Windmill Way)** - from SR 2219 (N. Green Meadows Dr.) to SR 2700 (Old Dairy Rd)

**SR 2183 (Spring Rd)** - from NC 133 (Castle Hayne Rd.) to SR 2184 (Fairfield Rd.)

**SR 2184 (Fairfield Rd.)** - from SR 2183 (Spring Rd) to SR 1318 (Blue Clay Rd)

**Widen & resurface following routes in New Hanover County:**

**SR 1940 (Covil Farm Rd)** - from SR 1409 (Military Cut-Off Rd) to SR 1916 (Red Cedar Rd)

**SR 2717 (Torchwood Blvd.)** - from US 17 Bus. (Market St.) to SR 2718 (Beacon Dr.)

**Mill & resurface a section & just resurface another section of SR 1363 (Bayshore Dr.)** from US 17 Bus. (Market St.) to SR 1393 (Biscayne Dr.)

**New Hanover:**

**I-40** – milling & resurfacing from Gordon Road interchange to NC 210 interchange

**I-40** – milling & resurfacing from US 117 interchange to mile post 393 (approximately 3.5 miles east of US 117 interchange)

**No activity to report to date**

**New Hanover County: Resurfacing Contract: C203868, I-5760**

**I-140 (Wilmington Bypass)** resurface from I-40 to US 421 & reconstruction of bridge approaches, joint repair & signals.

Contractor: Barnhill Contracting Company

**Estimated Contract Completion Date: March 2018**

**Percent Complete: 73.0%**

**New Hanover County: Resurfacing Contract: 2017CPT.03.01.10651; C203888**

**US 117/NC 132 (College Road)** from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)

**WBS #36249.3622; C203888** City of Wilmington signal plan modifications & work to install pedestrian upgrades at the intersection of US 117/NC 132 (S. College Road) and SR 2313 (Wilshire Blvd) to US-17 Business.

**Includes safety projects:**

**W-5203AA** construct offset left turn lanes on College Road & Hurst/Hoggard Drive upgrade pedestrian facilities to high visibility crosswalks w/ countdown pedestrian heads. Extend sidewalk to connect with existing sidewalk.

**W-5601BB** install high visibility crosswalks & push button pedestrian signals at the intersection of College Road & New Center Drive.

Contractor: Barnhill Contracting Company

**Estimated Contract Completion Date: February 2018**

**Percent Complete: 44.2%.**

## **Project Update List for Brunswick County**

### **Projects Under Construction**

**ER-2971: (DC00194) Ocean Isle Beach Roundabout** – Hwy 179 (Beach Drive) at Hwy 904 (Causeway Drive) SR 1184 (Ocean Isle Beach Road) in Ocean Isle

Contractor: Triangle Grading & Paving Inc.

Bid Amount: \$1,849,999.35

**Estimated Completion Date: May 2018**

**Percent Complete: 21.2%**

### **Proposed Projects**

**R-5021:** widening of NC 211 from NC 87 to SR 1500 (Midway Road) to a 4-lane divided facility.

**Let Date June 2018**

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

**Let Date ROW: FY 2018, construction: FY: 2020**

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

**Let Date ROW and construction: FY: 2020**

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

**Let Date construction: FY: 2020**

**U-5932: US 17** Convert Intersection to Interchange.

**Let Date construction: FY: 2024**

### **R-3436: Carolina Bays Parkway Extension**

#### **Project Overview and Purpose**

The N.C. Department of Transportation, along with the S.C. Department of Transportation, is planning to build a multi-lane expressway that extends Carolina Bays Parkway (S.C. 31) from S.C. 9 in Horry County, S.C., across the North Carolina state line to U.S. 17 in Brunswick County.

The extension would provide a more direct and efficient movement of traffic seeking to bypass congestion within the areas of Calabash in North Carolina as well as Little River and the Grand Strand areas in South Carolina. It would also improve traffic flow and safety at the intersection of S.C. 9 and S.C. 57 and provide a more direct route for coastal truck traffic moving through North Carolina.

#### **Project Highlights**

A team of engineering firms, led by CALYX Engineers and Consultants, is under contract to conduct project development and environmental studies, which are being led by NCDOT and SCDOT in cooperation with local, state and federal agencies in both states.

Project development and environmental studies are underway to evaluate potential routes for the roadway from an engineering and environmental standpoint and to select a preferred route.

Although the project is funded for study, no schedule has been established for right-of-way acquisition or construction, which is not currently funded in North Carolina.

- Capacity analysis for the existing roadways is about to get underway. They will be looking at current and future conditions.

### [Resurfacing Projects - Brunswick County](#)

**Resurfacing Contract: C203923, 2017CPT.03.06.10101 & 2017CPT.03.06.20101**

**Brunswick County primary routes: 1 Section of US 74/US 76, 2 Sections of NC 87, NC 179, NC 904/179, and 41 Sections of secondary roads.**

Contractor has started widening on 74/76, and starting to mill and fill on 74/76.

Contractor is close to completing mill and fill in Calabash at Beach Drive SW.

**Estimated Completion Date: May 2018**

**Percent Complete: 95.4%**

**Resurfacing Contract: I-5357, C203630, WBS #46176.3.FS1, Brunswick County secondary routes:**

**SR 1104 (Beach Drive)** – patching, milling, resurface & leveling from beginning of curb & gutter section to end of SR 1104

**SR 1828 (Kings Lynn Drive)** – patching, mill & resurface from SR 1104 (West Beach Drive) to SR 1828

**SR 1401 (Galloway Road)** – resurface from US 17 to SR 1402 (Randolphville Road)

**SR 1435 (North Navassa Road)** – patching, mill & resurface from SR 1472 (Village Road Northeast) to SR 1432 (Old Mill Road Northeast)

**SR 1430 (Cedar Hill Road)** – patching, mill & resurface from SR 1435 (North Navassa Road) to 0.58 miles south of SR 1431 (Royster Road Northeast)

**SR 1430 (Cedar Hill Road)** – patching, mill & resurface from 0.54 miles north of SR 1431 (Royster Road Northeast) to SR 1426 (Mount Misery Road)

Contractor: S.T. Wooten

**Percent Complete: 100.0%. Waiting on final estimate**

**New Contract: Resurfacing Contract: WBS: 2018CPT.03.03.10101, Brunswick County US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.**

**No activity to report to date**



## **Project Update List for Pender County**

### **Under Construction**

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

Contractors placed concrete at the following locations: Bent 19, Pier's 6 and 8, Bent 20, Pier's 6 and 8. Contractors placed concrete at span A of the bridge deck. Contractors placed concrete at the Bent 12 columns.

Contractor: Balfour Beatty Infrastructure

Bid Amount: \$53,651,508.35

**Estimated Contract Completion Date November 2020**

**Percent Complete: 59.3%**

### **Project Development**

**R-3300B: US 17 Hampstead Bypass:** Construct a four lane divided roadway on mostly new location from NC 210 to Sloop Point Loop Road. **R-3300B currently funded in DRAFT 2018-2027**

**STIP. ROW and Utilities: FY 2018 – FY 2020.**

**Let date for construction: FY 2020**

**U-5732: Hampstead Median Project: US 17 (Ocean Highway in Hampstead)**

**Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road).** Median project has been combined with Hampstead Bypass to accelerate the completion of the Bypass.

**Let Date September 2020**

**R-3300B:** project may be accelerated to build and open the Bypass for use as a detour during the median project construction.

**Dan Owen Drive connector to Factory Road:** Roadway being constructed to alleviate traffic volume off of Hampstead Median Project while being built and to reduce the number of vehicle crashes. Currently staking ROW. NCDOT to construct connector road in 2018.

**R-3300A: US 17 Hampstead Bypass:** Construct a four lane divided roadway from NC 210 to I-140 south of Hampstead. **Currently unfunded section of Hampstead Bypass. However, Design and Right of Way has been approved. NCDOT is pursuing funds to meet the same construction let date as R-3300B.**

**U-5732: US 17 (Ocean Highway in Hampstead)**

Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). **Note: Will be built in conjunction with Hampstead Bypass.**

**Let Date September 2020**

### Resurfacing Projects - Pender County

**Resurfacing Contract:** C204090, 2018CPT.03.05.10711, 2018CPT.03.05.20700 & 2018CPT.03.05.20712. 1-section of US-17, 1-section of NC-50, 1-section of NC-210, and 36 other various SR roads.

**Physical length:** 35.563 Miles

**Bid amount:** \$3,672,560.25

**Estimated Completion Date:** Not available

**Percent Complete:** Not available

**Brunswick County primary routes:** 1 Section of US 74/US 76, 2 Sections of NC 87, NC 179, NC 904/179, and 41 Sections of secondary roads.

Contractor has started widening on 74/76, and starting to mill and fill on 74/76.

Contractor is close to completing mill and fill in Calabash at Beach Drive SW.

**Estimated Completion Date:** May 2018

**Percent Complete:** 95.4%

### Additional updates

#### **Resurfacing & System Preservation**

- College Road Project. Contractor has pulled off to complete other projects.
- I-140 Resurfacing is ongoing.
- This seasons resurfacing projects (Division wide) are underway.
- Next seasons resurfacing projects are being Let and soon to be underway.

#### **Project Team**

Project Team is currently managing 94 active projects.

Managing 55 STIP Projects. 11 Safety Projects, 4 Bike/Ped Projects, and 24 Locally Administered Projects.

Working on assigning the latest 10 STIP projects to design firms. Scoping meetings will begin on these projects soon.

- **Project List updated February 21, 2017**

If you have any questions, please contact Alan Pytcher at the Division 3 Office:  
(910) 341-2000, [apytcher@ncdot.gov](mailto:apytcher@ncdot.gov)



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

March 2018

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

MARCH TPD UPDATES WILMINGTON MPO

March 2018

**Wilmington Model Update** – Wilmington MPO has requested that TPD update their model to a base year of 2015, previously the base year was 2010. The model is being updated so it can be accurately used in the next MTP. We are in the SE data verification phase right now, once the locals verify the data we will move onto future year. Base Year SE Data verification from locals was due end of February.

**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 will develop one in the next few weeks.

**CTP 2.0** – The CTP 2.0 work is ongoing. TPD has given updates to many RPOs, MPOs and NCDOT employees that were involved in this process end of February.

**Performance Measures** – Performance management is a strategic approach that uses system information to make investment and policy decisions to achieve transportation system performance goals. TPD will be developing a committee with MPO and RPO representatives to establish targets and other requirements. NCDOT informed the MPOs via email on October 19, 2017 about the established safety targets. MPOs are reminded that they must establish safety targets by February 27, 2018.

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

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

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

**Statewide Plan:** TPD has selected WSP as the consultant for the Statewide Plan. A scope and schedule will be developed soon. As stakeholders, MPO/RPOs will be engaged throughout the process.

**Corridor Studies:** Work is underway on the first two master plans, as follows:

- Bundle #1 has been assigned to Kimley-Horn and includes **Corridor P** (Future I-42/US 70E/ NCRR from I-440 in Wake County to Port at Morehead City), **Corridor S** (I-795/US 117 from I-95 in Wilson County to I-40 in Sampson County), and **Corridor X** (US 258/NC 11/US 13 from US 17 in Onslow County to US 64E in Edgecombe County)
- Bundle #2 has been assigned to Atkins, and includes **Corridor U** (US 74W/US 74E/I 74 from I-26 in Polk County to US 117 in Wilmington) and **Corridor D** (US 321/CSX from South Carolina state line to Tennessee state line).

**Freight Plan:** The Statewide Freight Plan was adopted by the BOT in September 2017 and approved by FHWA on November 21, 2017. It can be found online at <https://connect.ncdot.gov/projects/planning/Statewide-Freight-Plan/Pages/default.aspx>.

**CMAQ:** We are wrapping up the final FFY 2018 projects. Applications for funding in FFY 2019 are due in March 2018.

**Traffic Forecast:** The Traffic Forecast shapefile is under development (ArcGIS Online). The Traffic Forecasts layer is being finalized. A link was sent out to the TP Division to get input and updates are being finalized. A GIS unit e-mail was established that will be added to the CC list for all traffic forecast deliveries. The GIS Unit will process updates to the Traffic Forecasts GIS layer monthly. This layer will track in-progress and complete traffic forecasts back to 2013.