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

### **Technical Coordinating Committee Meeting Agenda**

**TO:** Technical Coordinating Committee Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** July 5, 2018  
**SUBJECT:** July 11<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, July 11<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. Cape Fear Moving Forward 2045 MTP- Michael Madsen, WMPO
- 4) Consent Agenda
  - a. Approval of TCC Meeting Minutes- June 13, 2018
  - b. Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-6
- 5) Regular Agenda
  - a. Resolution approving the allocation of FY 19 Direct Attributable funds to the Cape Fear Public Transportation Authority for ADA and Preventative Maintenance
  - b. Resolution approving the Regional Impact Local Input Point Assignment for Prioritization 5.0
- 6) Discussion
  - a. 2018-2027 STIP/MPO TIP Administrative Modification #18-7
  - b. Wilmington Urban Area MPO FY 18 Omnibus Funding
- 7) Updates
  - a. Crossing over the Cape Fear River
  - b. Wilmington Urban Area MPO
  - c. Cape Fear Moving Forward 2045 Transportation Plan
  - d. Cape Fear Public Transportation Authority
  - e. NCDOT Division
  - f. NCDOT Transportation Planning Division
- 8) Announcements

### **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

- 
- a. NCDOT Castle Hayne Road Widening and Roundabout- July 17<sup>th</sup>  
9) Next meeting- August 15, 2018

**Attachments:**

- TCC Meeting Minutes- June 13, 2018
- Proposed 2018-2027 STIP/MPO TIP Administrative Modification #18-6
- Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-6
- Letter from the Cape Fear Public Transportation Authority
- Resolution approving the allocation of FY 19 Direct Attributable funds to the Cape Fear Public Transportation Authority for ADA and Preventative Maintenance
- Draft Regional Impact Local Input Point Assignment for Prioritization 5.0
- Resolution approving the Regional Impact Point Assignment for Prioritization 5.0
- 2018-2027 STIP/MPO TIP Administrative Modification #18-7
- Wilmington Urban Area MPO FY 18 Omnibus Funding Memo
- Cape Fear River Crossing Update (July)
- Wilmington MPO Project Update (July)
- Cape Fear Public Transportation Authority Update (July)
- NCDOT Division Project Update (July)
- NCDOT Transportation Planning Division Project Update (July)

**Wilmington Urban Area  
Technical Coordinating Committee  
Wednesday, June 13, 2018  
Meeting Minutes**

**Members Present:**

Mike Kozlosky, Wilmington MPO  
Don Bennett, City of Wilmington  
Amy Kimes, Wilmington MPO  
Diane Villegas, Town of Wrightsville  
Beach  
Rebekah Roth, New Hanover County  
Stephanie Ayers, North Carolina  
State Ports Authority  
Athina Williams, Town of Belville

Ashli Barefoot, Town of Leland  
Helen Bunch, Brunswick County  
Barnes Sutton, Town of Navassa  
Travis Henley, Pender County  
Benjamin Hughes, NCDOT Division  
of Highways  
Nazia Sarder, NCDOT Planning  
Albert Eby, Cape Fear Public  
Transportation Authority

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:05 a.m.

**2. Approval of Agenda**

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

**3. Presentations**

**a. Direct Attributable Project Update – Amy Kimes, WMPO**

Ms. Kimes gave a presentation/update on the Direct Attributables (DA) Programs. She stated that STBGP (Surface Transportation Block Grant Program) has funded 20 construction projects totaling \$13.4 million, Wave Transit ADA maintenance and buses totaling \$3.7 million, and studies totaling \$1.6 million including one for the Cape Fear Crossing. She noted that TASA (Transportation Alternatives Set Aside) has funded four projects totaling \$850,000.

Ms. Kimes stated that the combined DA award brought almost \$20 million to the region for transportation projects over the last five years with \$15.87 million from federal funds and \$3.8 million from local jurisdictions. She reminded members that this funding is currently in use by five municipalities, one county, Wave Transit and the North Carolina Department of Transportation. She gave an overview of the projects by jurisdiction and displayed maps.

**b. Emerging Technologies for Signals/Signs – Fred Royal, WMPO**

Mr. Royal gave a presentation on Intelligent Transportation Systems (ITS), the fourth and last in the series on emerging technologies. He noted that ITS monitors water and sewer in smart cities, and provides automatic information to users/engineers. He added that this technology is also used in day-to-day operations to manage signal systems and for analytics to report on issues.

Mr. Royal stated that goals of ITS include enhancing/optimizing existing systems; reducing/managing congestion and delays; providing emergency services routing and signal preemption; increasing pedestrian and bicycle safety; and responding to incidents that impact roadway capacity in real-time. He provided some visual examples of monitoring intersections, and manipulating and preempting traffic signals. He commented that this technology assists decision-makers by analyzing the system to improve traffic flow, safety and efficiency, and reduce CO<sub>2</sub> emissions.

In response to an inquiry by Ms. Roth, Mr. Royal stated that these technologies can be moved to other intersections.

Mr. Bennett pointed out that [www.CountingCars.com](http://www.CountingCars.com) makes a small device that can be strapped to a streetlight pole and capture 48 hours of video. He noted that the company can provide a 13-hour count of bikes, pedestrians, trucks and cars for \$198.

**4. Consent Agenda**

- a. **Approval of TCC Meeting Minutes – May 16, 2018**
- b. **Resolution Approving 2018-2027 STIP/MPO TIP Amendment #18-2**
- c. **Resolution Approving 2018-2027 STIP/MPO TIP Administrative Modification #18-5**
- d. **Resolution Supporting Targets for Performance Measures Established by NCDOT**
- e. **Resolution Supporting the North Carolina Ports Authority's BUILD Grant Application for the Modernization to the Container Gate Complex at the Port of Wilmington**
- f. **Opening of the 30-day Public Comment Period for 2018-2027 STIP/MPO TIP Amendment #18-3**

Ms. Ayers made a motion to approve the Consent Agenda, Items 4a through 4f, and to forward them to the Board for consideration. Ms. Roth seconded the motion, and it carried unanimously.

**5. Regular Agenda**

- a. **Resolution Requesting the North Carolina Department of Transportation Accelerate the Rail Improvement Project to the CSX Rail Line in Wilmington the Draft 2020-2029 State Transportation Improvement Program**

Mr. Kozlosky stated that this project came from the Wilmington Landside Rail Improvements Study that focuses on upgrades to at-grade crossings, some closures and improving the ability of trains to traverse the city from a current speed of 10 mph to a maximum speed of 25 mph. He pointed out that this is a short-term improvement and will help improve capacity to the Port, enhance mobility and safety, and allow the Ports compete in a dynamic regional and international economy. He noted that the project is currently identified for right-of-way acquisition in 2025 and construction in 2027. He added that the resolution requests the state accelerate the project sooner in order to assist the Ports in efforts to expand and grow.

Ms. Ayers stated that this project would implement recommendations from the Transportation Separation Study (TSS) that examined 33 at-grade crossings.

In response to an inquiry by Mr. Bennett, Mr. Kozlosky stated that acceleration of this project could require that another be delayed. However, some funds may be freed by projects that are delayed for other reasons.

A question/answer and discussion period was held.

Ms. Ayers made a motion to approve the Resolution Requesting the North Carolina Department of Transportation Accelerate the Rail Improvement Project to the CSX Rail Line in Wilmington the Draft 2020-2029 State Transportation Improvement Program. Mr. Eby seconded the motion, and it carried unanimously.

**b. Resolution Supporting the Allocation of Direct Attributable Funds to the Cape Fear Public Transportation Authority for the Wilmington Multi-modal Transportation Center**

Ms. Kimes reminded members that on January 27, 2016, the MPO Board awarded the Cape Fear Public Transportation Authority \$2.4 million for the construction of the Wave Transit Multi-Modal Transportation Center. She noted that it recently bid and came in over budget, similar to most other construction projects. She added that Wave is requesting an addition \$2.2 million to go ahead with the construction project.

Ms. Kimes gave an overview of remaining balances of the Direct Attributable funds. She stated that the current balance for fiscal year 2018 funding is \$956,000, \$641,000 of which can only be used for the construction of highways, bridges and tunnels. She noted that fiscal year 2019 funds minus 10%, the funds for the UPWP, the Cape Fear Crossing study, and the Wave Transit request leave about \$700,000 for other projects, studies, and overages on construction projects. She expressed concerns that current project costs are estimates only. She added that funding Wave's request would not occur until fiscal year 2019 and that federal funds will be available October 1<sup>st</sup>.

Mr. Eby stated that the first bid was limited to the 2017 prequalified contractors, who were unable to contract the volume of work, which resulted in too few bids. He noted that it went to an open bid where construction estimates were beaten by 28%. He added that after some value engineering, it went to bid again as a single project, with a due date of July 3<sup>rd</sup>. He anticipated that negotiation will be necessary with the lowest responsible bidder to divide the work into phases over the next 12 to 18 months.

Mr. Kozlosky pointed out that it takes time to flex money from federal highway to federal transit. Mr. Eby noted that it could take anywhere from four months to 16 months.

In response to an inquiry by Ms. Bunch, Mr. Eby estimated the project to cost \$4 million. He stated that some of the work has already been completed with appropriations from DOT such as stabilizing and abating hazardous materials at the Neuwirth and Thomas Grocery Buildings. He added that the project has been approved for construction by the City of Wilmington's Technical Review Committee.

Mr. Kozlosky stated that a commitment to this funding will determine the direction of DA programing. He explained that if approved it would take away resources for Fiscal Year 2019, and staff would focus project selection on 2020-2024.

In response to an inquiry by Ms. Bunch, Mr. Kozlosky stated that no additional funds are expected to be needed for the Cape Fear Crossing to obtain the Least Environmentally Damaging Practicable Alternative.

A question/answer and discussion period was held. Mr. Kozlosky pointed out that the allocation of these funds is consistent with the desire of the Board to build projects that it has funded.

Mr. Eby stated that any surplus could be directed in coordination with the MPO toward additional construction projects such as the Thomas Grocery building.

Ms. Kimes pointed out that Fiscal Year 2019 does not include removing or reducing Wave's traditional ask for ADA compliance and maintenance if the other allocation is approved.

Ms. Bunch expressed concerns regarding the City of Wilmington's participation.

Mr. Eby responded that as a regional project, the majority of the local match has been provided by NCDOT. He noted that the City of Wilmington has contributed \$1 million, although this project will benefit the entire region.

Mr. Kozlosky pointed out that the City's Transportation Bond that passed in 2014 included \$2 million for public transit.

Mr. Eby stated that the Transportation Bond would cover a portion of the local match for nine Compressed Natural Gas buses as a result of the \$3.6 million in 5339-B funds awarded by Federal Transit. He added that UNCW and New Hanover County have agreed to fund the local match for two vehicles in 2019.

Following further consideration, Mr. Eby made a motion to approve the Resolution Supporting the Allocation of Direct Attributable Funds to the Cape Fear Public Transportation Authority for the Wilmington Multi-modal Transportation Center. Ms. Roth seconded the motion, and it carried 13-1. (Ms. Bunch voted "No.")

## **6. Discussion**

### **a. Bike Share Update**

Ms. Lorenzo stated that the Bike Share Selection Committee met at the end of May to discuss its interviews with Lime Bike, Gotcha, and Zagster/Pace. She noted that the committee voted 5-4 to recommend Pace to the Board as the recommended company for the MPO region. She reminded members that this is merely a recommendation for the jurisdictions.

Mr. Kozlosky stated that at the upcoming Board meeting, staff will try to determine interest and connect any interested jurisdictions with resources. He pointed out that all three companies presented a no-cost option.

Mr. Bennett expressed concerns regarding the closeness of the vote. Ms. Lorenzo responded that the vote was divided between Lime Bike and Pace. She noted that Lime Bike offers an array of products including an electric-assist bike in addition to traditional five- or six-speed bikes; although Pace is working to provide electric-assist bikes within the year. She added that Pace and Lime Bike offered similar apps and programs to capture ridership. However, the committee identified Pace as a safer place to start since its bikes are docked and locked, and Lime's bikes are not.

### **b. 2018-2027 STIP/MPO TIP Administrative Modification #18-6**

Mr. Kozlosky stated that this item is a statewide modification for informational purposes only, and will be brought back for consideration at the next meeting of the TCC.

### **c. Prioritization 5.0 Draft Regional Impact Scores**

Mr. Kozlosky reminded the Committee that draft scores are included in the agenda packet. He stated that a slight change has been made. He noted that since the Cape Fear RPO awarded no points to the Wallace to Castle Hayne Rail line improvement, the MPO Board changed the point assignment to include 100 points on that project based on its adopted methodology. He added that public comments are still being accepted and staff plans to bring this item back for consideration at the TCC's July meeting.

**d. Cape Fear Moving Forward 2045 Project Submittal Form**

Ms. Lorenzo stated that staff has developed a MPO member jurisdiction project submittal form. She noted that staff is also in the process of assembling preliminary project lists for consideration by the modal subcommittees for inclusion in the Metropolitan Transportation Plan update. She added that the submittal deadline is July 31<sup>st</sup>, which corresponds with the closing date for the map and survey; another potential source of projects. She noted that the list of proposed projects will also include those compiled from adopted plans.

Ms. Lorenzo stated that staff is available to assist jurisdictions with the project submittal form, which also available in a portable document format (PDF).

**7. Updates**

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

**8. Announcements**

- NCDOT Military Cutoff Road/Eastwood Road Interchange Project, College Acres Baptist Church, 4:30 p.m. to 7:00 p.m. – June 25<sup>th</sup>
- NCDOT College Road Improvements from Gordon Road to Carolina Beach Road (including the interchanges at Martin Luther King Jr. Parkway, college and Oleander, and Carolina Beach Road and College Road), UNCW, Burney Ballroom, B & C, 3:00 p.m. to 7:00 p.m. – June 28<sup>th</sup>

**9. Adjournment**

With no further items, the meeting was adjourned at 10:57 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.**

**STIP/MPO TIP Modification # 18-6  
(June 2018)**

STATEWIDE PROJ.CATEGORY EXEMPT	VARIOUS, CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS. <u>ADD ENGINEERING, RIGHT OF WAY, CONSTRUCTION, OPERATIONS AND IMPLEMENTATION IN FY 20 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>	STATEWIDE PROJECT	ENGINEERING	FY 2018 - \$117,000 (CMAQ)
				FY 2018 - \$30,000 (L)
				FY 2019 - \$239,000 (CMAQ)
				FY 2019 - \$60,000 (L)
				FY 2020 - \$118,000 (CMAQ)
				FY 2020 - \$29,000 (L)
			RIGHT-OF-WAY	FY 2018 - \$117,000 (CMAQ)
				FY 2018 - \$30,000 (L)
				FY 2019 - \$239,000 (CMAQ)
				FY 2019 - \$60,000 (L)
				FY 2020 - \$118,000 (CMAQ)
				FY 2020 - \$29,000 (L)
			CONSTRUCTION	FY 2018 - \$703,000 (CMAQ)
				FY 2018 - \$176,000 (L)
				FY 2019 - \$1,433,000 (CMAQ)
				FY 2019 - \$358,000 (L)
				FY 2020 - \$704,000 (CMAQ)
				FY 2020 - \$176,000 (L)
			IMPLEMENTATION	FY 2018 - \$117,000 (CMAQ)
				FY 2018 - \$30,000 (L)
				FY 2019 - \$239,000 (CMAQ)
				FY 2019 - \$60,000 (L)
				FY 2020 - \$118,000 (CMAQ)
				FY 2020 - \$29,000 (L)
			OPERATIONS	FY 2018 - \$117,000 (CMAQ)
				FY 2018 - \$30,000 (L)
				FY 2019 - \$239,000 (CMAQ)
				FY 2019 - \$60,000 (L)
				FY 2020 - \$118,000 (CMAQ)
				FY 2020 - \$29,000 (L)
				\$5,922,000

* C-5600	VARIOUS, STATEWIDE CMAQ PROJECTS TO	STATEWIDE PROJECT	ENGINEERING	FY 2018 - \$817,000 (CMAQ)
STATEWIDE	IMPROVE AIR QUALITY WITHIN			FY 2018 - \$204,000 (S(M))
PROJ.CATEGORY	NONATTAINMENT AND MAINTENANCE AREAS.			FY 2019 - \$1,664,000 (CMAQ)
EXEMPT	<u>ADD ENGINEERING, RIGHT OF WAY,</u>			FY 2019 - \$416,000 (S(M))
	<u>CONSTRUCTION, OPERATIONS AND</u>			FY 2020 - \$817,000 (CMAQ)
	<u>IMPLEMENTATION IN FY 20 NOT</u>		RIGHT-OF-WAY	FY 2020 - \$204,000 (S(M))
	<u>PREVIOUSLY PROGRAMMED, AT REQUEST OF</u>			FY 2018 - \$817,000 (CMAQ)
	<u>TRANSPORTATION PLANNING BRANCH.</u>			FY 2018 - \$204,000 (S(M))
			CONSTRUCTION	FY 2019 - \$1,664,000 (CMAQ)
				FY 2019 - \$416,000 (S(M))
				FY 2020 - \$817,000 (CMAQ)
				FY 2020 - \$204,000 (S(M))
				FY 2018 - \$4,902,000 (CMAQ)
				FY 2018 - \$1,225,000 (S(M))
				FY 2019 - \$9,983,000 (CMAQ)
				FY 2019 - \$2,496,000 (S(M))
				FY 2020 - \$4,901,000 (CMAQ)
				FY 2020 - \$1,226,000 (S(M))
			IMPLEMENTATION	FY 2018 - \$817,000 (CMAQ)
				FY 2018 - \$204,000 (S(M))
				FY 2019 - \$1,664,000 (CMAQ)
				FY 2019 - \$416,000 (S(M))
				FY 2020 - \$817,000 (CMAQ)
				FY 2020 - \$204,000 (S(M))
			OPERATIONS	FY 2018 - \$817,000 (CMAQ)
				FY 2018 - \$204,000 (S(M))
				FY 2019 - \$1,664,000 (CMAQ)
				FY 2019 - \$416,000 (S(M))
				FY 2020 - \$817,000 (CMAQ)
				FY 2020 - \$204,000 (S(M))
				\$41,221,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #18-6 TO THE  
2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

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

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #18-6.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #18-6.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 25, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



## Cape Fear Public Transportation Authority

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July 02, 2018

Mike Kozlosky  
Executive Director  
Wilmington Urban Area Metropolitan Planning Organization  
P.O. Box 1810  
Wilmington, NC 28402

Attn: Amy Kimes, PE, Sr. Project Engineer, Wilmington Metropolitan Planning Organization (WMPO)

Delivered Via email and USPS to addressee to: amy.kimes@wilmingtonnc.gov

Dear Mr. Kozlosky:

The Cape Fear Public Transportation Authority respectfully requests the WMPO carefully consider funding assistance to Wave Transit from the following appropriation for the Authority's 2018-2019 Fiscal Year:

- **STBGP-DA** - as you are aware, when the region was designated as a TMA, Wave Transit was no longer eligible to use FTA §5307 funding for operating assistance. This change left a gap in our operating budget of approximately \$2,000,000 annually. Following extensive discussion with our federal delegation in Washington, provisions in the MAP Act were added and the Authority is currently able to utilize up to 75% of §5307 formula funding for eligible operating assistance. This narrowed the operating assistance funding gap to approximately \$500,000 per year. With generous assistance from the WMPO and through the STP-DA and its successor the STBGP-DA program, the Authority has been able to maintain a stable level of service without significant additional revenue from our local funding partners. This support led us to include STBGP-DA funding in our current FY 2019 operating budget. For the Authority's FY 2019 we respectfully request STPGP-DA funding for preventive maintenance and ADA compliance in the amounts outlined in Table 1 totaling \$500,000. The Authority has included the local matching funds in its adopted FY 2019 operating budget.

STIP #	System	Project	STBGP-DA	Local	Total
TF-6784	Cape Fear Public Transportation Authority	Preventive Maintenance	\$350,000	\$87,500	\$437,500
TG-6700	Cape Fear Public Transportation Authority	ADA Compliance	\$150,000	\$37,500	\$187,500
<b>Totals</b>			<b>\$500,000</b>	<b>\$125,000</b>	<b>\$625,000</b>

Table 1

As the WMPO develops its plan to allocate funding from the annual STBGP-DA program, the Authority suggests an annual percentage be apportioned to transit initiatives in the region. This approach was successful during its utilization over the past few years. If implemented, the percentage should be sufficient to meet the preventive maintenance and ADA needs of the Authority and will ensure consistency in the transit program offered throughout the region while keeping local taxpayer subsidies free for competing projects.

We appreciate your consideration of this important request and look forward to our continuing partnership with the WMPO in providing quality public transportation services to Southeastern North Carolina. If you have questions or need additional information, please do not hesitate to contact me. We look forward to your feedback.

Cordially,



Albert Eby  
Executive Director

CC: Beck Smith, Chairman, Cape Fear Public Transportation Authority  
Honorable Jonathan Barfield, WMPO Board Representative, Cape Fear Public Transportation Authority  
Jeff Petroff, PE, Chairman, CFPTA Finance & Budget Committee  
Megan Matheny, Deputy Director, Wave Transit  
Joe Mininni, Director of Finance & Administration, Wave Transit

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE ALLOCATION OF A PORTION OF THE FY 2019 SURFACE  
TRANSPORTATION BLOCK GRANT PROGRAM - DIRECT ATTRIBUTABLE (STBGP-DA)  
FUNDS 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 Cape Fear Public Transportation Authority requested continued support of the Preventive Maintenance and Americans with Disabilities Act (ADA) compliance.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Metropolitan Planning Organization hereby approves the allocation of \$500,000 of the FY 2019 STBGP-DA funds to the Cape Fear Public Transportation Authority for Preventive Maintenance and ADA compliance.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 25, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

Prioritization 5.0 Draft Regional Impact Projects -- Draft Point Assignment

Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H090215-A	Highway	R-3300A	Statewide Mobility	US 17 (New Route - Hampstead Bypass)	US 17 Bypass South of Hampstead (at Military Cutoff Road Extension)	NC 210	Construct Freeway on New Location.	5 - Construct Roadway on New Location	\$ 113,500,000	71.79	47.66	35.30	77.66	100	100	100	100	477.66	100	
H129646	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	US 17 in Brunswick County	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	5 - Construct Roadway on New Location	\$ 838,190,000	68.77	44.03	34.08	74.03	100	100	25	100	399.03	100	
H129646-A	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	US 17 in Brunswick County	NC 133	Construct Freeway on New Location	5 - Construct Roadway on New Location	\$ 226,311,400	68.77	44.03	34.08	74.03	100	100	25	100	399.03	100	
H129646-B	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	NC 133	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	5 - Construct Roadway on New Location	\$ 611,878,600	68.77	44.03	34.08	74.03	100	100	25	100	399.03	100	
H171924	Highway	U-4738	Statewide Mobility	US 17 (Ocean Highway), US 74, US 421 (Carolina Beach Rd), US 117 (Shipyard Boulevard), US 17 BUS - Cape Fear Crossings Alternative-V	US 117 (Shipyard Boulevard) in Wilmington Bypass	I-140 Wilmington Bypass	Upgrade existing facilities to provide additional mobility and access between New Hanover and Brunswick Counties and to the NC Port of Wilmington. Includes new river crossing south of existing Cape Fear Memorial Bridge.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 1,152,000,000	63.82	40.18	30.84	70.18	100	100	25	100	395.18		*Points put on segmented Cape Fear Crossing Toll project
H170214	Highway	U-5863	Regional Impact	NC 133 (Castle Hayne Road)	US74 (MLK Jr. Parkway)	Holly Shelter Road	Widen road to 3-lanes	1 - Widen Existing Roadway	\$ 55,200,000	N/A	37.60	30.17	67.60	100	100	50	0	317.60	100	
H090360	Highway	U-5863	Regional Impact	NC 133 (Castle Hayne Road)	I-140, US 17 (Wilmington Bypass)	SR 1002 (Holly Shelter Road)	Widen to multi-lanes	1 - Widen Existing Roadway	\$ 33,000,000	N/A	26.14	20.87	56.14	100	100	50	0	306.14		*Points put on H170214 as this is just a portion of overall project
H090287-AG	Highway	R-4462	Statewide Mobility	US 74, US 76	NC 87 (Macon Road)	SR 1426 (Mount Misery Road)	Upgrade Roadway to Interstate Standards	2 - Upgrade Arterial to Freeway/Expressway	\$ 304,000,000	62.21	36.35	24.70	66.35	89	100	25	0	280.35	89	*11 points put on this project by Cape Fear RPO
H149006-A	Highway	U-5702 B	Regional Impact	NC 132 (College Road)	US 421 (Carolina Beach Road)	US 117 (Shipyard Boulevard)	Implement access management and median modification improvements	11 - Access Management	\$ 39,000,000	N/A	46.52	36.54	76.52	100	100	0	0	276.52	100	

Prioritization 5.0 Draft Regional Impact Projects -- Draft Point Assignment

Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H090713	Highway		Regional Impact	NC 133 (River Road)	US 17, US 74, US 76	SR 1599 (Jackeys Creek Lane)	Widen NC 133 (River Road) from the interchange at US17/74/76 to SR 1599 (Jackeys Creek Lane	1 - Widen Existing Roadway	\$ 52,300,000	N/A	28.73	25.12	58.73	100	100	0	0	258.73	100	
H170244	Highway		Regional Impact	NC 133 (River Road)	SR 1599 (Jackeys Creek Lane)	Rabon Way SE	Widen NC 133 (River Road) from SR 1599 (Jackeys Creek Lane) to Rabon Way SE	1 - Widen Existing Roadway	\$ 26,500,000	N/A	22.09	18.51	52.09	100	100	0	0	252.09	100	
H170222	Highway		Statewide Mobility	US 421 (Carolina Beach Road)	US 421 (Front Street)		Install Additional Turn Lane	10 - Improve Intersection	\$ 1,000,000	84.20	53.66	40.42	83.66	0	100	25	0	208.66		*Project to be completed as part of S. Front Street Widening project
R150127	Rail		Statewide Mobility	CSX SE Line			Construct rail across the Cape Fear River between the NC Port of Wilmington and Davis Yard.	Freight rail infrastructure improvement or construction	\$ 752,000,000	24.36	20.00	16.10	50.00	0	50	0	100	200.00	100	
R140031	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	Freight rail infrastructure improvement or construction	\$ 159,500,000	11.31	7.80	7.41	37.80	0	50	0	100	187.80		*Points removed by WMPO Board and placed on H141534 to support a project addressing safety and capacity needs
F150235	Ferry		Regional Impact	Southport - Ft Fisher			Acquire an additional river class vessel for Southport-Ft. Fisher route.	6 - New River Class Vessel (to increase capacity)	\$ 14,000,000	N/A	52.22	38.89	82.22	0	100	0	0	182.22	50	*50 points put on this project by Cape Fear RPO
H171546	Highway		Regional Impact	US 76 (Oleander Drive )	Greenville Loop Road and Greenville Avenue		Upgrade intersection by adding dual lefts west on Oleander Drive from Bradley Drive, to Greenville Loop Road stopping at Greenville Sound Road.	10 - Improve Intersection	\$ 9,300,000	N/A	44.84	34.18	74.84	0	100	0	0	174.84	100	
F150236	Ferry		Regional Impact	Southport - Ft Fisher			Construct additional mooring facilities at Southport Terminal to accommodate additional ferry vessel.	5 - Port Expansion (to increase capacity)	\$ 5,000,000	N/A	43.89	30.56	73.89	0	100	0	0	173.89	50	*50 points put on this project by Cape Fear RPO
H170217	Highway		Regional Impact	NC 210, SR 1002 (Island Creek Road)	NC210 and SR 1002 (Island Creek Road)		Improve Intersection	10 - Improve Intersection	\$ 1,000,000	N/A	35.91	25.90	65.91	0	100	0	0	165.91	100	

Prioritization 5.0 Draft Regional Impact Projects -- Draft Point Assignment

Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H170921	Highway		Statewide Mobility	US 17 BUS (Cape Fear Memorial Bridge)	US 74	South Front Street	Replace existing Cape Fear Memorial Bridge	5 - Construct Roadway on New Location	\$ 209,000,000	53.07	34.10	25.17	64.10	0	0	0	100	164.10	100	
H150013	Highway		Regional Impact	NC 210	SR 1002 (Island Creek Road)	US17	Widen NC210 to US17	16 - Modernize Roadway	\$ 24,700,000	N/A	29.83	23.85	59.83	0	100	0	0	159.83	11	
H170234	Highway		Statewide Mobility	US 421 (Burnett Boulevard)	Myers Street		Add a storage lane for backups from the north gate of the NC Port of Wilmington	10 - Improve Intersection	\$ 59,138,000	36.97	19.49	12.32		0	100	0	0	149.49		
R150125	Rail		Statewide Mobility	CSX AF Line			Construction of rail line extension from MP 286.60 (near Invista to Pender Commerce Park). Project includes at-grade crossing improvements to US 421 (Crossing # 629 171T).	Freight rail infrastructure improvement or construction	\$ 6,000,000	5.57	4.08	5.57	34.08	0	100	0	0	134.08		
H141534	Highway		Statewide Mobility	US 17	US 17 Business		US 17 Bypass and US 17 Business Interchange - Reconfigure ramps and add Multi-Lane northbound ramp from US 17 Business onto US 17.	8 - Improve Interchange	\$ 10,180,000	45.36	25.47	18.56	55.47	0	50	25	0	130.47	100	*Points removed from R140031 by WMPO Board to support a project providing safety and capacity needs
A170931	Aviation	AV-5888	Statewide Mobility	ILM - Wilmington International Airport	ILM - T-Hangar Aircraft Taxi Lanes	N/A	This project will provide a bituminous paved surface taxi lane to expand the East side hangar development area. Includes Project Request Number: 00003808	1240 - Corporate hangar and T-hangar Taxiway: Construction	\$ 500,000	72.89	50.26	36.01	80.26	0	50	0	0	130.26		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact projects will not be assigned for any aviation projects
A170908	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - General Aviation Hangar Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold areas per ILM ALP. Includes Project Request Number: 00003759	1240 - Corporate hangar and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	80.05	0	50	0	0	130.05		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact projects will not be assigned for any aviation projects

Prioritization 5.0 Draft Regional Impact Projects -- Draft Point Assignment

Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
A170922	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - 2nd GA Hangar Aircraft Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold areas per ILM's ALP. Includes Project Request Number: 00003789	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	80.05	0	50	0	0	130.05		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact projects will not be assigned for any aviation projects
A170930	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - 1st Paved Aircraft Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold area per ILM's Airport Layout Plan. Includes Project Request Number: 00003821	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	80.05	0	50	0	0	130.05		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact projects will not be assigned for any aviation projects
H171364	Highway		Regional Impact	Wilmington Citywide Signal System			City of Wilmington Signal Systems Upgrade	13 - Citywide Signal System	\$ 15,960,000	N/A	50.01	38.33	80.01	0	0	50	0	130.01		
A150420	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Perimeter Road Improvements	N/A	Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. Includes Project Request Number: 00003415	3005 - Other: Not otherwise defined in system plan objectives	\$ 500,000	34.95	24.07	9.46	54.07	0	50	0	0	104.07		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact projects will not be assigned for any aviation projects
H170901	Highway		Statewide Mobility	US 74, US 76	I-140	Columbus County line near Pineland Road	Close off open median crossovers with un-signalized superstreet design. Will tie into safety project in Columbus County off of US 74. (W-5601EV)	11 - Access Management	\$ 32,000,000	62.32	40.01	28.55	70.01	0	25	0	0	95.01		



Prioritization 5.0 Draft Regional Impact Projects -- Draft Point Assignment

Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
R170434	Rail		Statewide Mobility	CSX AC Line			Restore the former Atlantic Coast Rail line from Malmo to the International Logistics Park near the Columbus/Brunswick County Line.	Freight rail infrastructure improvement or construction	\$ 35,000,000	5.23	3.49	5.23	33.49	0	0	25	0	58.49		
H172027	Highway		Statewide Mobility	US 17	SR 1402 (Porters Neck Road)	North to SR 1571 (Scotts Hill Loop Road)	Widening of US 17 from Porters Neck Road to Scotts Hill Loop Road. This project starts in New Hanover County, and ends in Pender County just over the county line to Scotts Hill Loop Road.	1 - Widen Existing Roadway	\$ 28,600,000	49.95	28.40	19.54	58.40	0	0	0	0	58.40		
R170043	Rail		Statewide Mobility	CSX AC Line			Restoration of the former Atlantic Coast Rail line from Malmo to the RI Corman Carolina line in Whiteville. Conceptual study completed by NCDOT FS-1706A.	Freight rail infrastructure improvement or construction	\$ 235,000,000	3.92	2.62	3.92	32.62	0	0	25	0	57.62		

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE WILMINGTON URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION'S LOCAL INPUT POINT ASSIGNMENT FOR REGIONAL TIER  
PROJECTS IN PRIORITIZATION 5.0**

**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 Strategic Transportation Investments is the formula to determine how the North Carolina Department of Transportation (NCDOT), in partnership with local governments, will fund and prioritize transportation projects in the state of North Carolina; and

**WHEREAS**, Metropolitan Planning Organizations (MPOs), Rural Planning Organizations (RPOs) and Division Engineers assign local input points to projects in the Regional and Division tiers; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization adopted a Local Input Methodology for Prioritization 5.0 on February 28, 2018; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization will allocated 1,500 points at the Regional tier and 1,500 points at the Division tier; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has reviewed the projects in Prioritization 5.0 and consistent with the approved methodology assigned a draft ranking and scoring to these projects in the Prioritization 5.0 process on May 23, 2018; and

**WHEREAS**, the Wilmington Metropolitan Planning Organization conducted a public comment period as outlined in the adopted Local Input Methodology for the Regional Tier projects;

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the Wilmington Urban Area Metropolitan Planning Organization's Local Input Point Assignment for the Regional Impact Tier projects in Prioritization 5.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 25, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

## Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

### STIP/MPO TIP Modification # 18-7 (July 2018)

AV-5730 NEW HANOVER PROJ.CATEGORY STATEWIDE	WILMINGTON INTERNATIONAL (ILM), EXTEND RUNWAY 6-24 PHASE 1 <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 18 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$500,000 (T) FY 2022 - <del>\$4,500,000</del> (O) \$5,000,000
U-5710A NEW HANOVER PROJ.CATEGORY STATEWIDE	NEW LOCATION, FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. <u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 20.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - \$1,970,000 (T) FY 2019 - \$75,000 (T) FY 2020 - <del>\$2,900,000</del> (T) \$4,945,000



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## **Memorandum**

**To:** TCC Members

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

**Date:** July 3, 2018

**Subject:** FY 18 Omnibus Funding

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

In 2018, the omnibus spending bill appropriated supplemental funding for federal-aid highways. Federal Highway Administration (FHWA) has now apportioned these funds and they are available for obligation. The supplemental funding was primarily directed to the Surface Transportation Block Grant (STBG) program. Therefore, the Transportation Management Areas are receiving supplemental STBG-DA funding. The WMPO will receive \$577,478.70 in additional funding that must be authorized (obligated) by September 30, 2021. If this funding is not authorized prior to September 30, 2021 the funding will lapse.

According to FHWA, this funding can be used for any phase of a project eligible under section 133(b)(1)(A) of title 23, U.S.C. Eligibilities under section 133(b)(1)(A) are as follows: construction of highways, bridges, tunnels, including designated routes of the Appalachian development highway system and local access roads under section 14501 of title 40, U.S.C.

However, if the WMPO uses the funding on the engineering or right of way acquisition phases, then construction must be authorized (obligated) on or before September 30, 2021. The MPO may use other funding sources for the construction. However, if construction has not been authorized prior to September 30, 2021, then this supplemental funding will have to be repaid to FHWA.

## Wilmington Urban Area Metropolitan Planning Organization

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

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

- Option 1 – provide a competitive bid process allowing all member jurisdictions to compete for funding
- Option 2 – engage NCDOT to see if this funding could be utilized on an existing project within our boundary.

Past STBGP/TASA funds have been used to fund the construction and design of 21 bicycle/pedestrian projects and 1 signal preemption project. The omnibus funds would not be allowed for these types of construction. Staff will seek direction from the Board on how to allocate these FY 18 Omnibus funds.



# Cape Fear Crossing

STIP U-4738

## Brunswick and New Hanover Counties

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### PROJECT STATUS REPORT

July 2, 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 June:

#### 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 Traffic Capacity Analysis was finalized on June 12<sup>th</sup>. The report will be posted to the project website.
- The project designs on the detailed study alternatives were finalized on June 15<sup>th</sup>.

#### Upcoming Activities

- The project team has submitted chapters of the Draft Environmental Impact Statement (DEIS) to NCDOT for review; the first draft will be finalized this month.
- A newsletter will be sent next month to notify citizens of the remaining alternatives under study.

#### 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**  
**JULY 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. Public outreach began with a kick-off event on April 3rd and will continue until July 31st. Staff made presentations to member jurisdiction governing boards in April and held an additional five open houses around the region in May. Attendance at all five regional meetings totaled approximately 60 people. To date there have been over 1,500 transportation survey responses, 400 comments on the public input map tool, and 3,000 votes on map comments.

**Next Steps:**

- WMPO Staff is utilizing web advertisements, social media advertisements, newspaper ads and op-eds, and partnerships with local organizations that work with underserved communities to continue gathering public input
- Modal subcommittees to convene in July to begin preparations for project lists, scoring, and ranking
- Adoption in November 2020

**LELAND STREET DESIGN STANDARDS MANUAL**

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

**Next Steps:**

- The Town continues to review the document
- Continue to update the guidelines/manual per guidance from the Town of Leland

**NORTHEAST NEW HANOVER COUNTY FUTURE STREET PLAN**

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

a draft plan from the consultant. The County Planning staff are meeting with stakeholders. The plan will be revised by County and MPO staff to meet our needs.

**Next Steps:**

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

**SITE DEVELOPMENT REVIEW**

**Project Descriptions/Scope:** The Wilmington Urban Area MPO assists with site development and Transportation Impact Analysis review for the MPO's member jurisdictions. During the last month, staff has reviewed the following development proposals:

- New Hanover County Development Plan Reviews: 3 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 1 review
- Town of Leland Formal Reviews: 2 reviews
- Town of Leland Informal Reviews: 3 reviews
- Town of Navassa Formal Reviews: 1 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: 21 total (New Hanover County 5, City of Wilmington 11, Carolina Beach 0, Leland 1, Navassa 0, and Pender County 3, Brunswick County 1) ; new 1 and ongoing 20
- Pender County Development Plan Reviews: 4 reviews
- Pender County Informal Plan Reviews: 4 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 65 (17 new, 48 on-going)
- City of Wilmington Informal Reviews: 30 (7 new, 23 on-going)
- City of Wilmington Concept Reviews: 16 ( 13 new concept reviews- 3 on-going concept)
- COW Project Releases: 9 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
- Resumed construction based on plan revisions on May 2, 2018
- Pile installation is complete. Substructure construction underway
- Anticipated completion date of November 20, 2018

**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
- The engineering firm is performing a QA/QC check on the plans to correct issues. Once revisions are received a new let date will be set

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

**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:**

- The Town is waiting for NCDOT approval of Signing and Pavement Marking Plans
- Town mailed notices to all affected property owners for acquisition by condemnation of temporary construction easements and permanent drainage easements on April 20th
- Construction funds can be released once right of way certification and PCE consult are received
- Construction contract let is anticipated Summer 2018

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

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

**Project Status and Next Steps:**

- Construction began in late January with completion expected by mid-September

**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 specifications have been approved by NCDOT- NCDOT is waiting on final stamped plans
- Construction funds can be released once PCE consult is received
- 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:**

- 100% plans and specifications have been approved by NCDOT. NCDOT is waiting on final stamped plans
- The Town is in the process of getting construction easements and 1 permanent easement
- Construction funds can be released once PCE consult is received
- 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. McKim & Creed is working on revising the plans
- 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. McKim & Creed is working on revising the plans
- 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 are being addressed
- Right of way Certification-TBD
- Encroachment agreement will be needed once right-of-way is finalized
- Let date will be delayed to match up with "J" project

**U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP**

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

**Project Status and Next Steps:**

- The Leland Town Council approved a scope change at their July 2017 meeting
- 90% plans being reviewed by NCDOT

- Right of way acquisition to begin once final comments received from NCDOT

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

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

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

- 90% plans reviewed by NCDOT. Comments are being addressed
- Right of way acquisition to begin once final comments received from NCDOT
- 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 approved by NCDOT; Specs currently under review
- Additional funds received
- 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
- Project Notice to Proceed sent the week of June 18<sup>th</sup> with an anticipated completion date of mid-October

#### **U-5534Q –S. College/Holly Tree Crosswalks**

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

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

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

#### **U-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:**

- 10% design completed
- Expect 90% plans in mid-July

- Anticipated bid date of Fall 2018

#### **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 has been chosen and is providing a scope and fee with manday estimate

#### **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 for additional funding was approved by the Wilmington City Council on September 5, 2017
- The supplemental agreement was approved by the Board of Transportation
- The project is over budget. The city will try to rebid this project with the Gregory/Williston Safe Routes to School project

#### **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
- Survey to start this month
- Anticipate 70% plans by October 2018
- Anticipated construction bid May 2019

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

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

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

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised by the Town
- Advertisement of PE Services is anticipated in early Summer2018
- Anticipated let date Spring 2019

## **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 has been filled with the new employee starting on May 14th. The MPO held a bike share interviews. An update will be provided to the TCC and MPO Board at their May meetings. Staff is working to provide a recommendation to the Board.

### **Next Steps:**

- Continue to work with Pulsar on the development of the Go Coast strategic marketing plan
  - Finalizing Strategic Marketing Plan
- Analyze data and results from the Go Coast Commuter Challenge and develop presentations to various groups reflecting our success
- Communicating with RideAmigos to develop commuter tracking for 2018 Commuter Challenge
- •Go Coast Committee
  - Have grown Go Coast/TDM committee by seven members
  - Meeting end of July early August
  - Gather model alternative work schedule policies from various regional employers to be highlighted in the statewide initiative to showcase model alternative work schedules
  - 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
  - Determine Emergency Ride Home options for carpool/vanpool participants
- Provide a recommendation for a Bike Share company for the region
  - Presented recommendation to WMPO board
  - Contacting administrators in Hanover County, City of Wilmington, and Carolina and Kure Beach to follow up with next steps



## Cape Fear Public Transportation Authority

### Project Update

July 2018

#### REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - FTA funding in the amount of \$3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Delivery dates under development. Additional funding for three buses will be requested from the VW mitigation settlement once a call for projects is issued by NC DAQ in the summer of 2018.
- 2. Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018.

The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following URL: <https://www.wavetransit.com/short-range-transit-plan/>. Changes to the Wave Transit routes based on recommendations from the consultant will be developed over the summer and fall with implementation in late 2018 to coincide with the opening of the Wilmington Multimodal Transportation Center. A presentation of the study findings will be presented to the WMPO in the summer of 2018.
- 3. Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has been retained to undertake the effort.
- 4. Shelter Program** - 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 complete. Phase three consisting of super stops at Hanover Center and Monkey Junction is complete.

Wave Transit is in discussion with the owners of Independence Mall to include transit improvements in coordination with redevelopment of the property.

*Project complete.*

## **WMPO SPONSORED PROJECTS**

### **1. Wilmington Multimodal Transportation Center**

**Phase 1** - 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 February 14, 2018. Bids for Phase 3 were opened on March 13, 2018. On March 22, 2018, the Authority resolved to reject all bids due to the lowest bid exceeding available funds for the project.

The renovation construction phase has been further divided into two phases to meet current funding requirements. Renovation construction phase one, consisting of sitework to construct drive aisles, stormwater and bus canopies was let for bid on April 13, 2018. A single bid was received in response to the IFB. The number of bids received was non-complaint with NCGS §143-132(a).

Following value engineering, the project was released for bid on June 03, 2018. Bids are due July 03, 2018.

**Phase 2** - on June 27, 2018 the WMPO awarded up to \$1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA will begin once bids have been opened and a final construction cost is determined. Bids are due July 03, 2018 if three bids are received, bids will be opened. If less than three bids are received, the project will be readvertised.

- 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 complete and a grant for the funding has been submitted to FTA. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In May 2018 the Authority provided 1,706 ADA passenger trips. The period of performance for the project is 07/01/2017 through 06/30/2018.

- 3. Replacement CNG Buses** - 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. Vehicles were delivered on May 30, 2018 and June 02, 2018. Vehicles placed into revenue service July 02, 2018.
- Project complete.*



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 5, 2018

**WMPO Project Update List. New Hanover, Brunswick and Pender County**

**Project Update List for New Hanover County**

**Projects Under Construction - NHC**

**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.**

**Roadway:**

- Closure on Mt Misery Rd for construction of box culvert
- Lane shifts on projects mainline for structures 1 and 2; installing bridge mounted chain link fencing and painting structural steel
- US 17 rerouting (change to the signing plans)

Contractor: Barnhill Contracting

**Estimated Completion Date: December 2018 (inclusive of punch list and vegetation period)**

**Percent Complete: 89.37%**

**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.**

Contractor: Balfour Beatty Infrastructure

**Completion Date: April 2018**

**Percent Complete: 100.0**

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

Contractor: Sealand Contractors Corp.

- Installing sewer line across Market and Kerr Avenue
- Grading beginning on Market St
- Pouring Sidewalks curb and gutter on Between Market and MLK on N Kerr

**Estimated Completion date: November 2018**

**Percent Complete: 74.6%**



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

- Currently the contractor is grading ramps

Realignment of Lendire Road completed by state forces before project started.

**Estimated Completion date: April 2022**

**Percent Complete: 7.94%**

### Bridges Under Construction - NHC

**B-5236 – (New Hanover 29: C203957)** New Hanover Replace Bridge #19 over Lords Creek on SR-1100

- June 4<sup>th</sup> ICT1 complete and road opened
- Currently undergoing vegetation establishment

**Anticipated Completion date: November 2018**

**Percent Complete: 99%**

### Project Development - NHC

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

**Let Date December 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).

**U-4902C Let Date February 2020**

**U-4902D Let Date October 2018**

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

**Let Date April 2019**

**U-5710: US 74 (Eastwood Road)** from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway. **Let Date September 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. **Let Date June 2024**

**U-5731: US 74 (US 17/US 421 in Wilmington)**

Construct a Fly-Over and Free Flow Ramp at interchange. **Let Date June 2022**

**R-5701: US 117 Business (Intersection of N. Walker Street and E. Wilmington Street)**

Construct roundabout. **Let Date June 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 May 2023**

**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 - NHC**

**2017 New Hanover County Resurfacing of Various Secondary Roads –**

**(2017CPT.03.07.20651. DC00172)**

Contractor: Highland Paving Company

**Estimated Completion Date: June 2018**

**Percent Complete: 100%**

**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.

- Remaining items: thermo, bridge joint work, shoulder grading, seeding and mulching

Contractor: Barnhill Contracting Company

**Estimated Contract Completion Date: August 2018**

**Percent Complete: 89.12%**

**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: September 2018**

**Percent Complete: 52.32%.**

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

#### **Projects Under Construction – Brunswick County**

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

Contractor: Triangle Grading & Paving Inc.

**Estimated Completion Date: June 2018**

**Percent Complete: 80.91%**

#### **Project Development- Brunswick County**

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

**Let Date December 2018**

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

**Let Date August 2019**

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

**Let Date May 2021**

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

**Let Date August 2019**

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

**Let Date June 2024**

#### **Resurfacing Projects - Brunswick County**

**2017 Brunswick County Resurfacing Contract – (2017CPT.03.06.10101 & 2017CPT.03.06.20101: C203923)** 1 Section of US 74/US 76, 2 Sections of NC 87, NC 179, NC 904/179, and 41 Sections of secondary roads.

**Estimated Completion Date: May 2018.**

**Percent Complete: 98.09%**

**2018 Brunswick Resurfacing Contract: WBS – (2018CPT.03.03.10101: C204094)** US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.

**Estimated Completion Date: March 2019.**

**Percent Complete: 43.97%**

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

1. NC 133 (flooding) Intersection of SR 1521 (Funston Road SE and NC 133 in Brunswick County  
Approximately a mile in each direction of the intersection.  
WBS 80084  
Project let August 2019  
Anticipated Completion April 2020
2. Installation of traffic signal at US 17 & NC 87 (southern entrance) in Brunswick County  
WBS 47783; work began February 2018  
Completion Date: June 2019
3. Installation of traffic signals at the intersection of US 17 and Ocean Isle Beach Road, and  
the NB to SB U-turn location approximately 875 feet northeast of the referenced  
intersection in Brunswick County.  
WBS 47879; work began February 2018  
Completion Date: June 2019  
Located in GSATS Boundary.
4. Caswell Beach Rd Infiltration System in Oak Island; funds not yet released

Project Update List for Pender County

Bridges Under Construction – Pender County

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

- Currently setting Girders, pouring decks (7 remaining), and working on water/sewer utilities

Contractor: Balfour Beatty Infrastructure

**Estimated Contract Completion Date November 2020**

**Percent Complete: 81.87%**

Project Development – Pender County

**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 is fully funded**

**Let December 2019**

**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.

**Let December 2019**

**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 December 2019**

**Resurfacing Projects - Pender County**

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

**Estimated Completion Date: January 2019**

**Percent Complete: 46.82**

**High Impact / Low Cost funded projects**

**New project funding source – Brunswick County**

1. Hoover Road widening from proposed interchange to US 17 with 2' paved shoulders; currently under design

WBS 47785

**Project let September 2018**

**Anticipated Completion March 2019**

**This project list was updated on July 3, 2018.**

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



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 2018

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

JULY TPD UPDATES WILMINGTON MPO

July 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. The Base Year SE Data has been verified, and we are moving onto the future year portion of the model. TPD is running the base year calibration in-house while the MPO is working on creating low, medium and high growth for future year model runs. The MPO has met with all three counties and are in the process of compiling the data to send to TPD. We are anticipating that the model will be completed and closed out end of August.

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

**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.

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RALEIGH, NC 27601

**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).

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

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

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

**Build NC:** On April 30, the House Select Committee on Strategic Transportation Planning and Long-Term Funding Solutions passed out of committee the Build NC Bond Act. NCDOT is pleased that this legislation is moving forward. Build NC is a financing tool like GARVEE bonds and is an important way to move critical projects forward. It is important to note that it is not new revenue, but a borrowing authority to implement projects sooner. The focus would be for projects in the regional and Division tiers. NCDOT's desire is for the bill to have as few restrictions as possible.