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

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

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: July 20, 2018
SUBJECT: July 25th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, July 25th at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentation
 - a. Cape Fear Moving Forward 2045 MTP- Michael Madsen, WMPO
- 7) Consent Agenda
 - a. Approval of Board Meeting Minutes- June 27, 2018 (p. 3-10)
 - b. Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-6 (p. 11-13)
- 8) 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 (p. 14-16)
 - b. Resolution approving the Regional Impact Local Input Point Assignment for Prioritization 5.0 (p. 17-23)
- 9) Discussion
 - a. 2018-2027 STIP/MPO TIP Administrative Modification #18-7 (p. 24)
 - b. Wilmington Urban Area MPO FY 18 Omnibus Funding (p. 25-26)
- 10) Updates
 - a. Wilmington Rail Re-alignment Update (p. 27-28)
 - b. Crossing over the Cape Fear River (p. 29)
 - c. Wilmington Urban Area MPO (p. 30-36)
 - d. Wilmington Urban Area MPO's Metropolitan Transportation Plan

Wilmington Urban Area Metropolitan Planning Organization

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- e. Cape Fear Public Transportation Authority (p. 37-39)
 - f. NCDOT Division (p. 40-45)
 - g. NCDOT Transportation Planning Division (p. 46-47)
- 11) Next meeting – August 29, 2018

Attachments

- Board Meeting Minutes- June 27, 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
- Wilmington Rail Re-alignment Update (July)
- 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)

Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, June 27, 2018

Members Present

David Piepmeyer, Pender County
Pat Batleman, Town of Leland
Neil Anderson, City of Wilmington
Charlie Rivenbark, City of Wilmington
Jonathan Barfield, Cape Fear Public
Transportation Authority
Noreen Slattery, Town of Belville
John Ellen, Town of Kure Beach
Hank Miller, Town of Wrightsville Beach

Skip Watkins, New Hanover County
Frank Williams, Brunswick County
Eulis Willis, Town of Navassa

Others Present

Mike Kozlosky, Executive Director, WMPO
Chad Kimes, NCDOT
Matt Nichols, Attorney

1. Call to Order

Mr. Piepmeyer called the meeting to order at 3:01 p.m.

2. Conflict of Interest Statement

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

3. Approval of Board Members' Excused Absences

Mr. Kozlosky stated that Mr. Zimmer and Mr. Shuttleworth have requested to be excused from today's meeting. Mr. Rivenbark made a motion to excuse the absences of Mr. Zimmer and Mr. Shuttleworth. Mr. Miller seconded the motion, and it carried unanimously.

4. Approval of the Agenda

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

5. Public Comment Period

Mr. Alvin Rogers spoke to the Board regarding changes to College Road and Oleander Drive proposed by NCDOT. He displayed a map and distributed a summary of his points. He expressed concerns regarding Plan A, and proposed a one-way pair northbound at College Road for 1.5 miles from Wilshire Boulevard to Shipyard Boulevard, and southbound at Kerr Avenue. He noted that this would reduce the eight-phase light at Oleander Drive to four phases. He requested that DOT take a closer look at the one-way pair alternative.

A brief question/answer and discussion period was held.

Mr. Walt Conlogue signed up to speak to the Board about the Oleander Drive and College Road Improvements as well; but relinquished his time to Mr. Rogers.

In response to an inquiry by Mr. Andrews, Mr. Kozlosky stated that NCDOT will hold a public meeting tomorrow night at UNCW regarding a number of different projects on College Road from Gordon Road to Carolina Beach Road including this interchange. He added that the Department is expected to present three alternatives (at-grade and grade separated), collect feedback, and present a recommendation at a later date.

Mr. Andy Koeppel spoke to the Board regarding Item 8b. He expressed appreciation to the WMPO for financial assistance, and requested the Board's support.

6. Presentations

a. REAL ID – Blake King, NCDOT

Mr. King gave an overview of the REAL ID program that resulted from the 2005 REAL ID Act, an effort of the 9/11 Commission to improve travel safety. He noted that the North Carolina's policies were implemented in May of last year, with the latest deadline set for October 2020. He estimated that about half of the 8 million holders of IDs and driver's licenses in North Carolina will opt for a REAL ID to facilitate travel, and that only about 10% of North Carolinians have passports.

Mr. King stated that the REAL ID is available for learner's permits and ID cards as well driver's licenses. He displayed an example of the new pink REAL ID license marked with a star that has about 15 federal security features. He noted that an ID without these measures will be labeled, "not for federal identification," and will require additional proofs of identity to pass through TSA, federal courthouses, properties and agencies, military bases, and nuclear sites. He added that both IDs are valid for driving and banking purposes.

In response to an inquiry by Mr. Rivenbark, Mr. King stated that the state of Georgia made REAL ID mandatory, which created a rush and a lengthy wait times.

Mr. King gave an overview of the valid forms of documentation to establish identity, social security number, North Carolina residency, and name change, if applicable. He encouraged travelers to get a REAL ID now in order to avoid any delays in the near future.

A question/answer and discussion period was held.

b. Direct Attributable Project Update – Amy Kimes, WMPO

Ms. Kimes gave a presentation/update on Direct Attributables (DA) projects. She stated that the MPO began receiving federal funds in 2013. From 2013 to 2017, there has been a competitive call for projects throughout the region, which projects were scored and awarded funds. However, many estimates were low and the projects needed additional funds. She noted that Board agreed in January to use the 2018 allocation to cover the shortfalls.

Ms. Kimes stated that to date, the program has brought to the region \$19.6 million (\$15.8 million in federal highway/\$3.8 million local match) in pedestrian, bicycle, Wave Transit projects and studies. She gave an overview by jurisdiction of the awarded projects and the status of each.

c. Emerging Technologies for Signs/Signals – 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 is relevant to signalization and minimizing traffic delays. He gave an overview of the history of signals and of current systems. He pointed out that software, hardware and interconnectivity are the necessary considerations for implementing ITS.

Mr. Royal gave some examples of types of ITS. He stated that Wilmington has GPS in some fire trucks and will be adding it to more of them. He noted that 37 CCTV cameras around the city provide real-time video monitoring; but no analytics. In addition, variable message signs along major interstates provide motorists with real-time information.

Mr. Royal gave reasons for ITS. He stated that the technology provides efficiencies to keep traffic moving, reduce congestion, and increase public safety at pedestrian crossings and for emergency response. He gave some examples of real-time analytics and pre-emption capabilities of GPS on fire trucks. He pointed out that ambulances are not equipped with these devices and might be an opportunity for an upgrade.

Mr. Royal stated that the technology requires infrastructure including cell phone or fiber optic communications. He noted that new DOT projects prefer fiber, which connects cameras and monitoring equipment data linked to a motherboard that enables real-time analytics. He added that GPS relies on connectivity other than fiber. He also gave some examples of radar enhanced railroad crossings.

Mr. Royal stated that ITS continues to evolve and its implementation requires a cost-benefit analysis. He noted that it can reduce CO₂ emissions and assist engineers with analytics, which become increasingly valid with larger, more complex systems. He added that Ethernet/fiber is a priority in the 2040/2045 plan. He recommended testing ITS first as a pilot program wherever possible.

7. Consent Agenda

- a. **Approval of Board Meeting Minutes – May 23, 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**

Mr. Williams made the motion to approve Consent Agenda, seconded by Mr. Watkins, and the motion carried unanimously.

8. 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 the City of Wilmington, Wilmington MPO, and North Carolina Department of Transportation completed a Traffic Separation Study (TSS) that looked at the upgrade of 26 at-grade crossings throughout the City. He noted that the TSS was adopted by the City Council as well as the MPO Board. He reminded members that the Board also received a presentation regarding the Wilmington Landside Rail Improvements serving the Port of Wilmington to move trains safely through the community, including an opportunity to increase the speeds of trains through the City from 10 mph up to a maximum of 25 mph.

Mr. Kozlosky stated that this project was submitted through Prioritization 5.0 and was the highest scoring rail project funded through the Statewide tier. The proposed funding schedule would fund the project for right-of-way in 2025 and construction in 2027. He noted that this resolution requests that DOT accelerate the project in the draft STIP to be released in January of 2019, and to support the efforts of the Port of Wilmington.

In response to an inquiry by Mr. Piepmeyer, Mr. Kozlosky stated that the value of this project is \$41 million.

Mr. Watkins expressed concerns regarding the impacts of increased speed to public safety. Mr. Kozlosky responded that the project includes track rehabilitation and improvements to curvature of the rail.

Ms. Ayers stated that the proposed safety improvements to the rail and bridge would accommodate increased speeds; which will remain at the discretion of the railroad.

In response to an inquiry by Mr. Anderson, Mr. Kozlosky stated that an opportunity to double stack will exist.

Mr. Rivenbark expressed concerns regarding not making the improvements.

Mr. Kozlosky reminded the Board that this is a short-term improvement with a long-term goal of relocating the rail across the river.

Mr. Piepmeyer expressed concerns regarding the expense of the short-term investment.

Mr. Anderson 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. Williams 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 17, 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. Since that time, the project went to bid and came in at \$3.5 million (over budget). She noted that Wave is requesting an additional \$1.7 million to fund the project with an ability to ask for an amount for ADA and maintenance operations instead of the \$2.2 million indicated in the memo included in the meeting agenda packet.

In response to an inquiry by Mr. Piepmeyer, Ms. Kimes stated that the STPBG balance for fiscal years 2013 through 2018 minus additional requested funds for projects based on engineering estimates is \$104,000. She noted that the Omnibus balance of \$641,000 can only be used for the construction of projects. (She added that Fiscal Year 2019 funds of \$2.4 million are available after subtracting existing commitments for the UPWP and \$375,000 to NCDOT for the Cape Fear Crossing study, leaving a balance of about \$280,000 in STPBG funds.) She noted that the \$653,000 in TASA funds and the Omnibus funds would be unavailable to Wave Transit.

Mr. Kozlosky stated that a substitute resolution has been distributed to members indicating the revised request of \$1.7 million.

Mr. Williams expressed concerns regarding the impact to other projects. Mr. Kozlosky reminded the Board that no call for projects has been made for fiscal year 2019. He noted that the City of Wilmington would like to submit for additional funds for signal preemption.

He comment that Wave's request would allow the MPO to spend some of the money and to fund a much needed project.

Ms. Kimes stated that the majority of jurisdictions are trying to get through a backlog of projects. She noted that no one has made any requests except the Wilmington Fire Department for additional pre-emption.

Mr. Kozlosky stated that any remaining balance after the \$1.7 million awarded for the Multi-Modal Center, UPWP funding up to \$350,000, a \$500,000 allocation for Wave operations, preventative maintenance and ADA, could be used for fiscal year 2019 overruns. He added that the MPO would then focus on preparing a call for projects and fill in the slots for a 2020 through 2025 program.

A lengthy question/answer and discussion period was held. Mr. Eby assured members that some value engineering has been done to reduce the cost of the Multi-modal project; however, some of the federal transit requirements are outside Wave's control. He expressed confidence that an award could be made following the last round of bids closing July 3rd.

Mr. Barfield pointed out the importance of Multi-Modal Center project to the region.

Mr. Williams 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, seconded by Mr. Barfield.

Several Board members expressed concerns regarding the upcoming bid. Mr. Eby responded that any remaining balance could be flexed to other construction projects.

Mr. Piepmeyer and Mr. Watkins suggested waiting until the bids are received.

Mr. Williams suggested changing the language of the resolution "for an amount not to exceed \$1.7 million."

Mr. Kozlosky pointed out that a timing issue exists with transferring funds from the Federal Highway Administration to the Federal Transit Administration.

Mr. Williams and Mr. Barfield agreed to the modified motion and second to approve the resolution with revised language to include "for an amount not to exceed \$1.7 million." Following further discussion, the motion carried unanimously.

9. Discussion

a. Bike Share Update

Mr. Cannon gave an overview of bike share programs – docked, stationed and dockless/free roaming. He reviewed the bike share vendor search timeline, which the MPO sent out an RFP in October, and received four responses (Bewegen, Lime, GOTCHA and Pace). He noted that the Bike Share Selection Committee invited the three vendors offering a no-cost option (GOTCHA, Lime and Pace) to give an in-person presentations to the Committee. The Committee voted 5-4 to recommend Pace as the bike share vendor for the MPO region. He reminded members that this is merely a recommendation for the jurisdictions.

In response to an inquiry by Mr. Watkins, Mr. Cannon stated that Lime Bike was the second choice. He noted that the Committee preferred the stationed option that Pace offers, over the free roaming option of Lime.

Mr. Cannon reminded members that each jurisdiction will shape its own policies and ordinances regarding bike share programs. He gave further details about the program.

Mr. Kozlosky stated that the next step will be to reach out to municipalities and counties to determine if any interest exists and who to contact if it does. He noted that the City of Wilmington and New Hanover County have expressed an interest, that CFCC would be contacted; but that UNCW already has a bike share program. He suggested that administrators of any other interested jurisdictions contact the MPO for further information.

Mr. Ellen expressed interest in arranging a presentation from Pace.

A question/answer and discussion period was held.

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

Mr. Kozlosky stated that the proposed STIP modifications are for information purposes only, and will be brought back for consideration at the next meeting of the Board.

c. Prioritization 5.0 Draft Regional Impact Scores

Mr. Kozlosky reminded the members that draft scores are included in the agenda packet. He stated that a 30-day public comment period was held and yielded only one comment. He noted that NCDOT requested that the MPO consider assigning 100 points to improve the ramp or interchange at US-17 Business and US-17 Bypass in Porters Neck.

Mr. Kozlosky stated that staff has provided a list of the lowest scoring projects with points assigned according to them according the approved local input methodology. He noted that the lowest scoring project is the restoration of the Wallace to Castle Hayne corridor. He added that the MPO assigned points to this project based on its being included in the MPO strategic business plan and a priority for the Board.

Mr. Kozlosky stated that the next lowest projects are the relocation of the rail line, which was also assigned points based on its being included in the MPO's strategic business plan, followed by the widening of 133 in Brunswick County between Jackey's Creek and Rabon Way. He noted that the MPO also assigned 100 points to three Cape Fear Crossing projects - one as whole and two segments. He advised the Board that it can reallocate 100 points from one of the projects based on the local input methodology to the requested DOT project if desired.

Mr. Piepmeyer explained that he and Ms. Battleman had requested the list of lowest scoring projects with the intention of minimizing the discussion and facilitating a decision.

Mr. Kozlosky advised that the MPO is required to approve its local point assignment by July 27th and that the next Board meeting is July 25th. He noted that justification will be necessary for any deviation from the adopted local input methodology. He added that reallocating points to this project would be justified as a safety and capacity issue that the Board desires to fund prior to restoration of the rail line between Wallace and Castle Hayne, for example. He noted that projects not funded at the Regional Impact tier will cascade to the Division Needs level.

A lengthy question/answer and discussion period was held.

Mr. Barfield expressed concerns regarding relinquishing the Wallace to Castle Hayne rail line project with economic benefits for the region in favor of improving the ramp.

In response to an inquiry by Mr. Williams, Mr. Kozlosky stated that it would be difficult to get the two lowest scoring projects funded at the Division tier. However, not scoring the projects based solely upon expense might be viewed as a lack of importance.

Mr. Anderson pointed out that the ramp is a current need.

Mr. Williams concurred that the ramp project is a current need, and that points should be assigned to the rail line at the lower tier to keep it a viable project.

In response to an inquiry by Mr. Watkins, Mr. Kimes advised that if funded the ramp can be designed and built within three years. He noted that the project is scoped, 25% percent designed, and most of the land has been acquired.

Mr. Kozlosky stated that staff would bring this Item back with the revision to the Board.

d. Cape Fear Moving Forward 2045 Project Submittal Form

Ms. Lorenzo stated that staff has developed a project submittal form. She noted that the 2045 Plan is in the midst of its public outreach phase. She added that the modal subcommittees will begin meeting in July with a focus on developing goals and objectives. She noted that staff is in the process of assembling preliminary project lists for consideration by the subcommittees.

Ms. Lorenzo stated that project ideas will come from three sources: public outreach that closes on July 31st, projects compiled from adopted plans, and those submitted by member jurisdictions. She noted that the project submittal form will be used by the consultant to calculate planning level cost estimates. She encouraged members to discuss any projects of interest with their respective planning staffs, and to have them submitted by the July 31st deadline.

In response to an inquiry by Mr. Ellen, Ms. Lorenzo stated that some member jurisdictions may already have projects in mind. However, staff is available to assist jurisdictions with the form, which is also available in a portable document format (PDF).

A brief question/answer and discussion period was held. Members of the Board requested that required and optional fields be identified on the form.

Mr. Williams requested a presentation on the various MPO plans. Mr. Kozlosky stated that one would be given along with an update on public outreach efforts at the next Board meeting.

9. Updates

a. MPO Staffing

Mr. Kozlosky stated that although he had hoped to achieve full staffing by July 9th, a resignation has been received. He noted that the Associate Transportation Planner position is currently being advertised and applications due by July 1st. He added that a new staff member is anticipated to start on July 9th.

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

10. Announcements

Mr. Kozlosky announced that a public meeting will be held tomorrow night at UNCW's Burney Ballrooms from 4:00 p.m. to 7:00 p.m. for the College Road improvements discussed earlier in the agenda. He added that an elected officials meeting will be held from 3:00 p.m. to 4:00 p.m. regarding this project prior to the public comment period.

Mr. Piepmeyer stated that the next MPO Board meeting is scheduled for July 25th. He noted that he will not be present, and that Ms. Batleman will preside.

Mr. Piepmeyer requested a motion to hold a closed session to preserve the WMPO's attorney-client privilege. Mr. Rivenbark made the motion, which was seconded Mr. Williams, and the motion carried unanimously.

Mr. Willis left the meeting.

The meeting recessed and went into closed session.

The meeting reconvened and returned to open session with all members present as mentioned above except Mr. Willis and Mr. Barfield.

Mr. Piepmeyer stated that no action was taken other than give direction to the MPO's attorney regarding matters of attorney-client privilege related to Map Act litigation.

11. Adjournment

With no further business, the meeting was adjourned at 5:13 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

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

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

11

* 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.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



Cape Fear Public Transportation Authority

P.O. Box 12630 • Wilmington, NC 28405 • (910) 343-0106 • (910) 343-8317 fax • wavetransit.com

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
Totals			\$500,000	\$125,000	\$625,000

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 and funding in the amount of \$500,000.

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.

David Piepmeyer, Chair

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
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
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
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
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
H170214	Highway	U-5863	Regional Impact	NC 133 (Castle Hayne Road)	I-140, US 17 (Wilmington Bypass)	Holly Shelter Road	Widen road to 3-lanes	1 - Widen Existing Roadway	\$ 29,700,000	N/A	37.60	30.17	67.60	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
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
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

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	0	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	0	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
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 system plan 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)
A170926	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Runway 35 Wind Cone/PAPI Replacement	N/A	This project will be designed and constructed to replace the runway 35 wind cone due to its useful life. The PAPI's and powersupply unit (PSU) needs to be relocated outside the Runway Safety Area (RSA) per FAA Standards. Includes Project Request Number: 00003805	3005 - Other: Not otherwise defined in system plan objectives	\$ 500,000	16.19	10.59	11.19	40.59	0
										50	0	0	90.59	
R150532	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Burgaw to the Castle Hayne (phase 2), per Pender Co CTP project PEND0001-R.	Freight rail infrastructure improvement or construction	\$ 80,900,000	11.63	8.03	7.50	38.03	0
										50	0	0	88.03	
A170927	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Emergency Boat Ramp Access Launch Rwy 6	N/A	This project will provide ARFF Rescue boat a concrete water access ramp along with a dock to provide life safety during an aircraft crash emergencies in Smith Creek. Includes Project Request Number: 00003806	3005 - Other: Not otherwise defined in system plan objectives	\$ 500,000	10.36	7.68	5.36	37.68	0
										50	0	0	87.68	
R150529	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Wallace to Burgaw (phase 1), per Pender Co CTP project PEND0001-R.	Freight rail infrastructure improvement or construction	\$ 67,400,000	10.37	7.20	6.01	37.20	0
										50	0	0	87.20	

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)	1 - Widen Existing Roadway		\$ 28,600,000	49.95	28.40	19.54	58.40	0	0	0	0	58.40		
R171628	Rail		Regional Impact	NS H/CSX A/CSX SE			Construction and implementation of Southeastern North Carolina Passenger Rail Service. Service to run from Raleigh to Wilmington via Selma and Fayetteville using the NS H Line, CSX A Line, and CSX SE Line.	Passenger rail station improvement or construction	\$ 750,000,000	N/A	27.68	19.11	57.68	0	0	0	0	57.68	4*	*Points provided by FAMPO
R170043	Rail		Statewide Mobility	CSX AC Line			Restoration of the former Atlantic Coast Rail line from Malmo to the RJ 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
IMPACT 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 Impact tier and 1,500 points at the Division Needs 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.

David Piepmeyer, Chair

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 - \$4,500,000 (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 - \$2,900,000 (T) \$4,945,000



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Memorandum

To: WMPO Board Members

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

Date: July 11, 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

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 bring back a recommendation at the August meeting.

At the July 11, 2018 TCC meeting, staff presented the above information regarding the omnibus spending bill. Based on conversation with TCC members, staff will reach out to our local member jurisdictions to determine if there is interest in providing a call for this funding. The tight time line may limit the size and scope of projects as well as eliminate projects that have not yet been vetted. For this reason, staff will also reach out to NCDOT to determine if the money can be used within the MPO's boundary on an existing project and if this would free up additional money that would be utilized in the boundary.



July 10, 2018

Greetings!

Welcome to the latest update on the Wilmington Rail Realignment Project.

It has been a successful, busy 4+ months 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 or call me at 910-262-4025. Thanks.

1. The purpose of the project is to benefit Southeastern NC by realigning the existing heavy rail corridor that currently runs through the City of Wilmington to a safer, more direct access to the Port of Wilmington which would then allow a re-purpose of the right-of-way for public use. The public use right-of-way will enhance affordable housing, aid traffic congestion and quality of life in Wilmington.

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

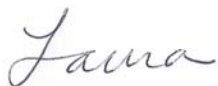
It is important to note the firm commitment of the City of Wilmington as the Lead Agency, the dedication of its staff and the strong support of the City Council to this project.

2. My primary purpose as the "Coordinator" of the Rail Realignment project has been to continue to build awareness and interest in the project and to translate that into support and a foundation to move the project forward, expeditiously. Therefore, the last few months have included presentations to Rotary; meetings with community leadership groups such as the Historic Wilmington Foundation and Wilmington Business Development; meetings with CSX locally, the Wilmington Terminal Railyard and the Port of Wilmington leadership; and individuals interested in the project.
3. Following a presentation to the Columbus County Commissioners, Columbus County has joined in supporting the project and will have much to gain from an improved access into the Port of Wilmington. There is private investment there that can make use of the improved access and a great deal of potential trade and shipping opportunity.
4. We are continuing to develop the project in a way that will encourage private investment in building the new track, hoping to make this a private-public-project (3P). We have met with one large, international infrastructure firm at their request and continue our relationship with another.
5. Our State Senate delegation has been interested in the project and has worked to gain support for it. And the NC House Transportation leadership has continued its interest and support for the project.
6. In May and June, I attended the Railway Association of NC meeting and the SE Rail Forum. John, Glenn and I had a meeting with the Army Corps of Engineers which was very positive. They encouraged us to

move forward with the National Environmental Protection Act (NEPA) process which is required for any project such as this. That was followed by a conference call with the Federal Railroad Administration(FRA) which encouraged us to apply for a grant with the FRA for funds to move forward with further engineering and the NEPA process.

7. Also in June, I went to Washington, DC and met with the FRA, the Surface Transportation Board and our Federal delegates or their staffs, all of whom agreed to provide letters of support to the FRA. All were very positive visits and there is a great deal of interest and enthusiasm to see the project move forward.
8. We are currently working on the grant application to FRA. We are in the process of collecting letters of support from the counties, Wilmington Business Development, WAVE Transit, the Port, and all our Federal delegates. My thanks to those people who have already been helpful in providing advice, maps, access to data and letters of support for the FRA grant.
9. We continue to meet with representatives of CSX and to keep awareness of their important presence in SE NC. The announcement that they will go forward with NC in building an Intermodal Terminal in Edgecombe County will be a boost to the Port of Wilmington and enhance the importance of building a direct route into the Port that does not go through a heavily populated area of Wilmington. It also shows the commitment of CSX to its business in SE NC and the Port. We hope to see the Realignment Project add to the mutual efficiency of the Port and CSX.
10. The next few months will continue further contacts, especially the NC DOT Rail Division which has a new Director and further contacts with the NC General Assembly.
11. The next big event will be the hiring of a project manager/coordinator by the City of Wilmington. That person will be tasked with moving (pushing!) this project forward. We will be looking for someone with an array of skills and experience and enthusiasm for this project. Those qualifications will include at least a Bachelor of Science Degree in a relevant field such as Transportation, Logistics, Business Management, Systems Management, Construction, Civil or Systems Engineering; and experience /education in government relations, urban planning, railroads, organizational management, public transit, and Federal and State agency operations; and while we are at it, the ability to work with officials at all levels. Please help by letting me know if you would like to receive the job announcement and can forward it to potential candidates or know of potential candidates that we can include for the announcement.

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



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

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 12th. The report will be posted to the project website.
- The project designs on the detailed study alternatives were finalized on June 15th.

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, 919.707.6015; AECOM – Joanna Rocco, joanna.rocco@aecom.com, 919.239.7179; Website: <http://www.ncdot.gov/projects/capefear/>; Email: 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 20th. Staff from the Town continues to work on the development of these standards. MPO staff met with the Town on May 22nd. The Town provided the MPO with a list of questions, proposed changes and comments. The MPO 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 18th 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 Summer 2018
- 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 17, 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

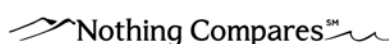
U-3338B – (Kerr Avenue Widening: C203772) Widening of Kerr Ave. from Randall Prkwy to MLK, Jr. Prkwy. Installing storm drain throughout project, and grading Multi-Use Path at Kerr and Randall Prkwy.

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 4th 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:
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

July 2018

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NCDOT Transportation Planning Division
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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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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.