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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: April 18, 2019
SUBJECT: April 24th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, April 24th 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) Closed Session
- 7) Presentations
 - a. Wilmington Urban Area MPO GIS Data Hub- Michael Madsen, WMPO
- 8) Consent Agenda
 - a. Approval of Board Meeting Minutes- March 27, 2019 (p. 3-11)
 - b. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1 (p. 12-15)
 - c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2 (p. 16-17)
 - d. Opening of the 30-day public comment period for 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-2 (p. 18)
- 9) Regular Agenda
 - a. Resolution supporting the Bike/Walk NC's efforts of requesting the North Carolina General Assembly to end the prohibition on state funding, allow for the design, development and construction of stand-alone Bicycle and Pedestrian Projects that facilitate safe active transportation facilities, and encouraging the General Assembly to support North Carolina's Complete Streets Policy (p. 19-21)
- 10) Discussion
 - a. Resilient Transportation Infrastructure Priorities (p. 22)
 - b. Supplemental Funding for TMAs- FY19 Appropriations (p. 23-24)

Wilmington Urban Area Metropolitan Planning Organization

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- c. Direct Attributable Funding Swap (p. 25)
 - 11) Updates
 - a. Crossing over the Cape Fear River (p. 26)
 - b. Wilmington Urban Area MPO (p. 27-34)
 - c. Cape Fear Public Transportation Authority (p. 35-36)
 - d. NCDOT Division (p. 37-39)
 - e. NCDOT Transportation Planning Division (p. 40-43)
 - 12) Announcements
 - a. Cape Fear Crossing Public Hearings- April 29th and 30th
 - 13) Next meeting – May 29, 2019

Attachments

- Board Meeting Minutes- March 27, 2019
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-1
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-2
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-2
- BikeWalk NC Sample Letter
- Resolution supporting the Bike/Walk NC's efforts of requesting the North Carolina General Assembly to end the prohibition on state funding, allow for the design, development and construction of stand-alone Bicycle and Pedestrian Projects that facilitate safe active transportation facilities, and encouraging the NC General Assembly to support North Carolina's Complete Streets Policy
- Resilient Transportation Infrastructure Priorities Memorandum
- Supplemental Funding for TMAs FY19 Appropriations Memorandum
- Direct Attributable Funding Swap Memorandum
- Cape Fear River Crossing Update (April)
- Wilmington Urban Area MPO Project Update (April)
- Cape Fear Public Transportation Authority Update (April)
- NCDOT Division Project Update (April)
- NCDOT Transportation Planning Division Project Update (April)



Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, March 27, 2019

Members Present

Pat Batleman, Town of Leland
Neil Anderson, City of Wilmington
Charlie Rivenbark, City of Wilmington
Jonathan Barfield, Cape Fear Public
Transportation Authority
Steve Shuttleworth, Town of Carolina Beach
John Ellen, Town of Kure Beach
Hank Miller, Town of Wrightsville Beach
Pat Kusek, New Hanover County
Mike Forte, Brunswick County
Eullis Willis, Town of Navassa

Others Present

Mike Kozlosky, Executive Director, WMPO
Jerry Haire, Town of Carolina Beach
Vagn Hansen, Benchmark Planning
Nick Cannon, WMPO
Nazia Sarder, NCDOT Transportation Planning
Leta Huntsinger, WSP

1. Call to Order

Vice Chair Batleman called the meeting to order at 3:02 p.m.

2. Conflict of Interest Statement

Vice Chair Batleman read the conflict of interest statement and asked if any members had a conflict with any of the items on the meeting agenda. No members reported having a conflict.

3. Approval of Board Members' Excused Absences

Mr. Kozlosky stated that Mike Allen, Mike Alford, and David Piepmeyer requested to be excused from the meeting.

Mr. Rivenbark made a motion to excuse the absences of Mr. Allen, Mr. Alford, and Mr. Piepmeyer. Mr. Anderson seconded the motion, and it carried unanimously.

4. Approval of the Agenda

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

5. Public Comment Period

No one from the public signed up to speak during the public comment period.

6. Presentations

a. Town of Carolina Beach Pedestrian Plan – Jerry Haire, Town of Carolina Beach

Jerry Haire, Project Manager, Town of Carolina Beach, gave a presentation on the Town's Pedestrian Plan, a 2½-year, \$40,000 project completed with a grant from the bike-pedestrian division of NCDOT. The study was conducted by VHB of Raleigh. He noted that it focuses on a general lack of sidewalks, interconnectivity, the need for a decision making tool, and 33 pedestrian crashes between 1997 and 2012. The process included substantial public outreach and involvement, the appointment of a steering committee, a successful public survey, public workshop events, and the appointment of a bike-pedestrian committee.

Mr. Haire stated that for a town of 6,000, more than 1,000 responses were received, 64% of which were from full time Carolina Beach residents, and 86% from full time or seasonal residents (14% were nonresidents). Key themes include more connected facilities. Fifty percent of respondents indicated a willingness to have a sidewalk installed in front of their property. The first public workshop was held in July of 2017, which was followed by another in October of 2017 to present a refined plan. Residents identified major destinations and safety issues. He pointed out that Lake Park Boulevard, the Town's main street and a state highway, is a source of conflict.

Mr. Haire stated that full plans will be posted online at www.wmpo.org. He added that primary and secondary corridor networks, and a total of 38 intersection and corridor projects were ranked from high to low priority and were added to the map. He explained that the steering committee evolved into the Bike-Pedestrian Advisory Committee, which was appointed the same night that Town Council adopted the plan.

Mr. Haire stated that the steering committee identified the next steps, which carried over to the advisory committee, as follows:

- Educational outreach programs;
- Encouragement programs;
- Enforcement activities with the Town's Police Department;
- Evaluation, yearly
- Infrastructure actions, review state and local funding sources; make facility recommendations, applying for grant funds;
- Priority projects based on the plan, collect data to review annually (ongoing evaluation);

Mr. Haire stated that currently it's necessary to apply for either a bicycle planning grant or a pedestrian planning grant. Although the Town has both, it's currently working on a multimodal plan. NCDOT has considered combining them, but hasn't yet.

b. Military Ocean Terminal Sunny Point Joint Land Use Study – Vagn Hansen, Benchmark Planning

Vagn Hansen, Benchmark Planning, gave an overview of the Joint Land-Use Study (JLUS) for the Military Ocean Terminal Sunny Point (MOTSU). He stated that the purpose of the study is to assure the future sustainability of the military mission and the military installation. He noted that the Department of Defense's Office of Economic Adjustment funded the project, and that the grantee is the Cape Fear Council of Governments (COG). He added that the goals of the JLUS are to promote compatibility between the military mission and land uses in the civilian communities that host them, to strengthen coordination, and improve communication between the military installation and its partner host communities.

Mr. Hansen stated that the JLUS focus area encompasses about three miles around the main terminal, a buffer zone at Sunny Point, and about $\frac{3}{4}$ of a mile around the rail corridor and the interchange yard in Leland. He noted that the MPO jurisdictions involved in the study included Brunswick County, the Town of Leland, New Hanover County, the Town of Carolina Beach, and the Town of Kure Beach. Other partners included the COG and MOTSU. The focus area spanned two different transportation planning organizations: the Wilmington MPO and Cape Fear RPO. The Town of Belville and Town of Navassa will be included toward the end of the study.

Mr. Hansen described Sunny Point as a purpose-built ammunitions transshipment terminal designed and operated for safety. He noted that ammunitions are not stored there; merely staged temporarily during transshipment operations. He added that the terminal, buffer zone, interchange yard and 16-mile rail corridor total more than 10,000 acres.

Mr. Hansen stated that Sunny Point represents four times as much capability and capacity for transshipping ammunitions as any other ammunitions terminal in the continental United States, and about three times as much as all other ammunitions terminals combined. Since its inception after the Korean War, it supplied between 85% and 90% of all ammunitions expended in wartime, and received ammunitions for transshipments from all across the United States (in bound about 80% by rail, 20% by truck; outbound via Cape Fear River main channel). He estimated the export workload between fiscal years 2007 and 2017 at between 200,000 and 300,000 tons per year (high of 500,000, low of 150,000).

Mr. Hansen stated that the areas of mission compatibility include maintaining full use of the explosive safety zone; managing and maintaining safe transportation access; and maintaining a minimal level of environmental constraint. He gave some details about the calculations and examples of explosive safety zones, and impacts to ferry service and traffic (particularly along Dow Road) due to capacity of those modes of transportation.

Mr. Hansen stated that 50 recommendations have been identified in five separate categories (coordination, land use, public safety, transportation and buffer zone property on Pleasure Island). An excerpt of recommendations includes the following:

1. WMPO Technical Coordinating Committee (TCC) membership to include a representative from Sunny Point;
2. Expanding the restricted area of the Cape Fear River;
3. Eliminating rail road at-grade crossings from the MOTSU-Leland rail corridor;
4. Supporting construction of the Cape Fear Crossing;
5. Studying/mitigating impacts of Sunny Point freight traffic;
6. Exploring opportunities for redundant regional rail access;
7. Coordinating with DOT on the ferry route expansion;
8. Including Sunny Point in regional transportation planning efforts.

Mr. Hansen stated that additional information about the study is available online at www.capefearcog.org/sunnypoint/ or at the COG website. He noted that the last round of public meetings will be held in late May in Kure Beach and Southport.

Mr. Willis expressed concerns regarding the temporary staging area at Davis Yard in Navassa, which has been excluded from the plan. Mr. Hansen responded that CSX brings ammunition trains into the Davis Yard initially. He commented that the Army has little control over CSX, which delivers ammunitions to Sunny Point's Interchange in Leland. He noted that once at the interchange, locomotives take transshipments to Sunny Point immediately or keep them under guard, unless they are empty.

A question/answer and discussion period was held regarding the Cape Fear Crossing. Mr. Shuttleworth expressed concerns regarding a potential conflict of interest. Mr. Forte stated that the public has expressed concerns regarding the impact of potential alternatives on residential neighborhoods in Brunswick County.

c. "Be a Looker" Campaign – Nick Cannon, Wilmington Urban Area MPO

Nick Cannon, TDM/Go Coast Coordinator, WMPO, distributed samples of posters, bumper stickers, and brochures for the "Be a Looker" campaign. He stated that he and the Go Coast Committee, comprised of stakeholders throughout the region, identified the need for a major bicycle and pedestrian safety campaign. He noted that the "Be a Looker" campaign has similar pedestrian safety objectives to "Watch for Me NC," a NCDOT grant initiative lead by law enforcement. Due to increased stipulations and reporting requirements, law enforcement has been hard pressed to keep the program a priority.

Mr. Cannon stated that the safety campaign is designed to educate area drivers to be respectful of cyclists and pedestrians, to convey quality of life, mobility options, the values of health and safety, and to give merit to bicycling and walking as legitimate modes of transportation. The campaign will target drivers of motor vehicles primarily, as well as cyclists and pedestrians.

Mr. Cannon stated that the campaign will run from April 1st through September 30th. He noted that May is National Bike Month, and that the bike share program is anticipated to begin sometime this year.

Mr. Cannon stated that marketing materials will include the following:

- Wave Transit shuttles, exterior side (204 Brunswick Connector and 107 South College Road) for all six months of the campaign (117,000 impressions per month);
- Free digital billboards (169,000 impressions per month for each of nine billboards);
- Email blasts to a list of more than 12,000 community members;
- Press releases to all media outlets;
- Major employers and member jurisdictions targeting employees and communities;
- Social media (Instagram, Facebook, and Twitter) posts and ads;
- Dining and retail locations;

Mr. Cannon stated that a major component of the campaign is the "Be a Looker" pledge, which will be on the website (www.wmpo.org/bealooker) with other campaign information and incentives to drive interaction. He noted that the number of impressions and interactions would measure success of the program.

Mr. Barfield recommended a press conference.

Mr. Shuttleworth requested that this presentation be given to the public at an upcoming Carolina Beach Town Council meeting. He noted that several hundred residents have expressed ideas regarding pedestrian enhancements. He requested to be involved in any kick-off event.

Mr. Ellen pointed out that a tri-fold bicycle and pedestrian is brochure available at the Town of Kure Beach includes golf carts, and respective laws.

Mr. Shuttleworth offered as a PSA spot on the electronic billboard near the bridge to Carolina Beach.

Mr. Cannon requested that members send jurisdiction-specific information to him for inclusion on the campaign website. He stated that the printed promotional materials will include the website and a QR scan code that links to the website. He noted that he met with Mr. Haire, who offered that Carolina Beach would feature the City of Wilmington's

social media posts. Mr. Cannon added that social media contacts at the other member jurisdictions would soon be contacted to participate.

Ms. Batleman recommended that the grandmother involved in the recent pedestrian tragedy in Carolina Beach be contacted prior to the media launch.

d. NC Moves 2050 Plan – Nazia Sarder, NCDOT

Nazia Sarder, Transportation Engineer III, NCDOT Transportation Planning Unit, distributed handouts regarding the NC Moves 2050 Plan, NCDOT's long-range transportation plan currently in progress. She pointed out that technology and transportation have evolved slowly during the past 100 years compared to what is anticipated during the next 30 years.

Ms. Sarder compared the process as similar to buying a car -- starting with a current assessment, planning for uncertainties and possible futures; and then developing an action plan. She encouraged both private and public planning partners to remain engaged throughout the process. She stated that an interactive map at www.ncdot.gov/ncmoves has received more than 600 responses to date and will remain open until April 30th. The NC Moves 2050 Team will have a presence at statewide festivals such as at the NC Azalea Festival, as well as at designated libraries, town halls or municipal buildings.

Ms. Sarder stated that the eight major categories for development of the plan include demographics, changing economy, tourism, partnerships, funding, technology, security, and resiliency. She noted that the population is expected to increase by 4 million people by 2050. Healthcare and technology sectors are expected to grow over the next 30 years. She noted that 90% of North Carolina's 46 million annual visitors drove to the state in 2017. In addition, the need to strengthen existing partnerships and build new ones with private and non-profits organizations will increase as the federal government shifts its focus from financing to programmatic oversight.

Ms. Sarder stated that total funding is expected to increase slower than inflation. She added that the majority of new vehicle sales might be autonomous vehicles. Security breaches will continue to be a concern. In addition, the coast will continue to experience more flooding and the mountains, more wildfires and mudslides. She requested that members provide their top transportation concerns and any others that may have been omitted from the eight categories.

A brief question/answer and discussion period was held.

Mr. Ellen noted that the Southeast North Carolina Regional Resilience Workshop for Local Governments will be held all day on May 14th at the Holiday Inn, 5032 Market Street, starting at 9:30 a.m.

7. Consent Agenda

- a. Approval of Board Meeting Minutes – February 27, 2019**
- b. Resolution amending the FY 2019 Unified Planning Work Program**
- c. Resolution adopting the Town of Carolina Beach Pedestrian Plan**

Mr. Forte made a motion to approve the Consent Agenda as presented. Mr. Ellen seconded the motion, and it carried unanimously.

7. Regular Agenda

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

Mr. Kozlosky stated that in January staff presented the Fiscal Year 2020 Unified Planning Work Program to the Board. He noted that working through the City's budgeting process, it was necessary to increase the budget by \$600 for gas for the intern, 80% of which will be covered by federal funds. The remaining 20% will be passed along to the member jurisdictions.

If approved today, a revised letter will be sent with each of the members. He noted that this Item is required to be approved by March 31st.

Mr. Barfield made a motion to approve the Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's FY 2020 Unified Planning Work Program.

Mr. Anderson seconded the motion, and it carried unanimously.

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

Mr. Kozlosky stated that the MPO is required to self-certify on an annual basis. He noted that this resolution fulfills that requirement.

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

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

Ms. Kimes stated that last month this item went to the TCC and the MPO Board for review. As no comments were received, the revised application was brought back for consideration. If adopted today, staff would like to send out a call on April 1st with a pre-application review date of May 6th and a submittal date of July 1st.

Mr. Kozlosky stated that this item has been discussed during the last few months. He reminded members that the process would be extended to a five-year program with the first two years committed, and an update every two years. He noted that a direct allocation will be provided to the Transit Authority, which will be revisited by the Board at a later date. In the meanwhile, this resolution will initiate a call projects, to score the projects and return them to the Board for consideration in August or September.

Mr. Anderson made a motion to approve the Resolution adopting the FY 2020-2024 Surface Transportation Block Grant Program-Direct Attributable (STBGP-DA) and Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) Program Submittal Guide and Competitive Process.

Mr. Forte seconded the motion, and carried it unanimously.

8. Discussion

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

Mr. Kozlosky stated that this item is for informational purposes only and will be brought back for consideration at the Board's next meeting.

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

Mr. Kozlosky stated that Leta Huntsinger, WSP, the consultant on the Metropolitan Transportation Plan (MTP), will provide an update on the financial forecast and a discussion on potential alternative funding sources for inclusion in the next MTP.

Ms. Huntsinger gave an overview of the planning and financial forecast process. She noted that the Wilmington MPO is somewhat unique in that it includes all modes of transportation. She stated that historic data was entered into a model to forecast funding 30 years out. Although, maintenance and operations were also considered, capital funding was the focus for plan development of new projects.

Ms. Huntsinger gave a comparison of the results to the last long-range plan update. She stated that highway funding has shown the most growth. She noted that the Wilmington MPO region has had success with DOT's new scoring process in programming projects into the Transportation Improvement Program (TIP) compared to previous years. She added that growth has also occurred in bicycle and pedestrian funding.

Ms. Huntsinger stated that transit and rail have had a decrease in capital funding as a result of growth of the region, which has eliminated some sources of funding. She noted that next steps would bring projects by mode through costing models, which is 98% complete and should be ready in the next few weeks. She noted that a funding gap is to be expected.

Ms. Huntsinger gave an overview of potential alternative funding sources without dollars to determine which sources should be pursued further. She recommended funding sources that were approved but not implemented from the last MTP (with dollar amounts from the last plan) as follows:

- A ¼ quarter-cent local option sales tax for general transportation;
- A quarter-cent local option sales tax (implemented at a county level) for public transportation (not at a county level);
- Motor vehicle rental tax; and
- Motor vehicle license tax.

Ms. Huntsinger stated that project-specific alternative funding sources include municipal bonds, public-private partnerships, toll facilities, grants, and loans.

Mr. Forte expressed concerns regarding the vehicle license tax.

Ms. Huntsinger stated that the CAC has proposed some additional alternative funding sources. She noted that new development and tourism are two of the largest factors contributing to transportation challenges. She added that the intent was to find mechanisms that would not impact residents; but rather to collect transportation dollars from new development, or non-residents and visitors. This might include a hotel/room occupancy tax (ROT), a marina or dockage fee, and impact fees. She added that a bicycle registration fee is currently being proposed. Also, a reallocation of SPOT funds was also proposed to return money to the region for projects, which would require further research.

A lengthy question/answer and discussion period was held. Suggestions included scooter registrations, and vehicles for hire. Members expressed concerns regarding funding streams requiring state legislative change such as development impact fees and ROT, and the need for a dedicated funding source for public transit.

Members expressed concerns about the ROT. An additional ROT might be considered.

Mr. Eby stated that the ¼-cent sales tax for transit would bring additional revenue. However, Wave Transit does not currently have the capacity for it. He noted that it would be better suited for nontraditional transit services.

Mr. Forte expressed concerns regarding sales tax. He pointed out that those that live in the southern half of the Brunswick County can easily cross the state line, as they do for fuel.

Mr. Barfield pointed out that South Carolina is raising its fuel tax and giving local towns the option of taking over the local roads with a payout from the state DOT. He noted that North Carolina is one of seven states where the counties do not maintain roads and has no mechanism to do so.

Following a lengthy discussion, it was the consensus of the Board to proceed with developing funding estimates for all of the proposed alternate funding sources.

c. Wilmington Multi-modal Transportation Center – Phase 1B

Mr. Kozlosky stated that the MPO has been discussing the Multi-modal Transportation Center project since the 1990s. In 2000, a feasibility study identified the location as the former police headquarters. In 2005, Louis Berger completed a site analysis study of six alternative sites and recommended the location between 3rd and 4th, and Hanover and Red Cross. The City Council supported the effort and, following a vote by Council, NCDOT acquired all of the properties necessary to build the Multi-modal Transportation Center.

Mr. Kozlosky stated that in 2016, the property was transferred from NCDOT to the City of Wilmington and to the Cape Fear Public Transportation Authority, where the transfer station is currently under development with completion of the transit portion expected this summer. The property located at 525 North 4th Street was transferred from the state to the City of Wilmington. He noted that since the property was purchased with transportation dollars, it is required to be used for public agency/transportation purposes. He requested that the Board consider it for use as MPO office space since it would meet the following needs:

1. Rehab/reuse a historic structure contributing to a historic district;
2. Meet the requirements of the state for a public agency/transportation purpose; and
3. Address space needs of the City of Wilmington

Mr. Kozlosky stated that some of the STBGP (Surface Transportation Block Grant Program) federal allocation could be used to rehabilitate the building, which would require a 20% local match. He noted that the city currently has some funds available that could be used towards the match. He added that some increased operating expenses might be expected. Wave has estimated annual operating costs for the transit portion of the Multi-modal Transportation Center at \$100,000, 80% of which could be covered by federal funds, and 20% would be requested as an enhancement in a future budget.

In response to an inquiry by Mr. Rivenbark, Mr. Kozlosky stated that several years ago a floor plan was developed for seven or eight offices on the top floor with mercantile space below. He noted that currently the entire 4,000-square-foot building could be used for offices. He added that this would free up space for the city at 305 Chestnut Street.

Mr. Eby stated that the Transit Authority, as part of its agreement with the state and the City of Wilmington, stabilized this building temporarily last year by putting a roof on it, and

removing some mold with state funding. He added that the longer it sits, the less stable it will become.

Mr. Kozlosky requested to work with the city to submit the project through the Direct Attributables (DA) process approved today to see how it will score.

In response to an inquiry by Mr. Shuttleworth, Mr. Kozlosky stated that the MPO's current space is an in-kind contribution by the City of Wilmington. He noted that the increased operating cost would go toward utilities and operating and maintenance.

Mr. Barfield commented that it would be a natural fit with Wave.

Mr. Anderson pointed out that it would give the MPO a face to the public.

Following further discussion, Mr. Kozlosky stated that the up-fit is estimated to cost approximately \$1.5 million, which could come from STBGP funds and the available city capital funds set up during the purchase of the land. He noted that with the Board's consent he would next work with the City of Wilmington to seek the support of the City Council, and then proceed in coordination with the city to prepare a grant application to be submitted to the MPO for consideration through the DA process.

Vice Chair Batleman commented that she would need to get concurrence from the Leland Town Council. Mr. Kozlosky estimated a \$1,070 increase in two to three years.

In response to an inquiry by Mr. Forte, Mr. Kozlosky stated that this would be a reoccurring cost based on the estimates Wave received.

Mr. Forte pointed out that the longer that the building remains vacant, the more rehabilitation costs would increase.

Vice Chair Batleman commented that prolonged delay might necessitate demolition.

It was the consensus of the Board to proceed with the proposal.

Mr. Kozlosky expressed appreciation to the Board.

9. Updates

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

11. Announcements

a. MPO Ethics Information due – April 15th

Vice Chair Batleman and Mr. Forte commented that they had difficulty accessing the site.

b. Bike/Pedestrian Committee Meeting – April 9th

c. The next WMPO Board meeting – April 24th

12. Adjournment

With no further business, the meeting was adjourned at 4:56 p.m.

Respectfully submitted,

Mike Kozlosky

Executive Director

Wilmington Urban Area Metropolitan Planning Organization

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

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

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

* U-6201 NEW HANOVER PROJ.CATEGORY DIVISION	SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
* U-6202 NEW HANOVER PROJ.CATEGORY DIVISION	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. <u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</u>				
M-0534DIV STATEWIDE PROJ.CATEGORY DIVISION	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE. <u>ADDED AT THE REQUEST OF NCDOT'S HYDRAULICS UNIT.</u>	STATEWIDE	ENGINEERING	FY 2019 - <u>\$600,000</u> (T) \$600,000	
M-0534REG STATEWIDE PROJ.CATEGORY REGIONAL	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE. <u>ADDED AT THE REQUEST OF NCDOT'S HYDRAULICS UNIT.</u>	STATEWIDE	ENGINEERING	FY 2019 - <u>\$600,000</u> (T) \$600,000	

M-0534SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR	STATEWIDE	FY 2019 - \$800,000 (T)
STATEWIDE	THE HIGHWAY FLOODPLAIN PROGRAM (HFP)	ENGINEERING	\$800,000
PROJ.CATEGORY	TO FACILITATE FEDERAL EMERGENCY		
STATEWIDE	MANAGEMENT AGENCY (FEMA) AND NATIONAL		
	FLOOD INSURANCE PROGRAM (NFIP)		
	COMPLIANCE AND FLOOD RESILIENCE.		
	<u>ADDED AT THE REQUEST OF NCDOT'S</u>		
	<u>HYDRAULICS UNIT.</u>		

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENT #19-1 TO THE
2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2018-2027 State/MPO Transportation Improvement Programs for Amendment #19-1; and

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

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

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

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

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-2 TO THE
2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS**

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-2.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-2.

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Amendments to 2018-2027 STIP/MPO TIP Programs

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

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

March 2, 2019

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

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

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

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

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

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

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

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

David Piepmeyer, Chair

Mike Kozlosky, Secretary



305 Chestnut Street
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www.wmpo.org

MEMORANDUM

TO: MPO Board members

FROM: Mike Kozlosky, Executive Director

DATE: April 18, 2019

SUBJECT: Resilient Transportation Infrastructure Priorities

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

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

Additional suggestions discussed during the April Technical Coordinating Committee (TCC) meeting included:

- US 74
- US 421
- Redundant/resilient rail infrastructure

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



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Memorandum

To: WMPO Board Members

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

Date: April 11, 2019

Subject: Federal Fiscal Year 2019 Additional Appropriations

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

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

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

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

Wilmington Urban Area Metropolitan Planning Organization

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

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

At the April 10, 2019 TCC meeting, the members discussed the above and offered the below recommendations:

- TCC desires for the MPO to consider the use of this money for rail crossing improvements
- MPO staff has been asked to reach out to NCDOT's Rail Division to determine if the Rail Division can provide the 20% match
- Staff has been asked to discuss possible matches with member jurisdictions that have a rail crossing(s) within its jurisdiction
- Staff has been asked to seek alternative funding sources such as CSX
- If funding availability exists, consider a combination of Options 1 and 2



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

April 3, 2019

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

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

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

A handwritten signature in blue ink, likely belonging to Bobby Lewis, Chief Operating Officer of the North Carolina Department of Transportation.

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

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

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

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

RWL/va

cc: Amy Kimes



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

April 1, 2019

Project Description

The Cape Fear Crossing project is proposed as a roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River. The project is programmed in the 2018-2027 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.

The following list includes tasks during the month of March:

Current Activities

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

Upcoming Activities

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

Past Activities

- The DEIS was finalized on 3/25/19.
- The Sea Level Rise Analysis was finalized on 2/20/19.
- The project team received final concurrence from the State Historic Preservation Office (HPO) on 2/12/19 regarding Section 106 effects on historic resources in the project study area.
- A newsletter was sent on 12/21/18 to notify citizens of the remaining alternatives under study and the project schedule.
- The project team coordinated with the SHPO on 10/30/18 regarding two new properties identified that are eligible for the National Register of Historic Places (NRHP).
- The Air Quality Report was finalized on 10/09/18.
- The Red-Cockaded Woodpecker Foraging Habitat Analysis was finalized on 9/26/18.
- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – “Bridging Decisions and Alignment Review” on 5/30/17; final concurrence on Concurrence Point 2A was received on 8/17/17.
- The project team received final concurrence from the HPO on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – “Purpose and Need and Study Area Defined” on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – “Detailed Study Alternatives Carried Forward” on 2/10/14.
- Technical documents that have been finalized are available on the project website under “Project Documents.”

Contact Information

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

WILMINGTON MPO
TRANSPORTATION PLANNING
APRIL 2019

2045 METROPOLITAN TRANSPORTATION PLAN

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

Next Steps:

- The consultant to complete the cost estimation and development of alternative funding sources.
- A red line, fiscal constraint analysis of ranked modal projects, including opportunities for projects utilizing supported alternative funding sources will be prepared and reviewed by the CAC, TCC, and Board in Summer 2019.
- Adoption in November 2020

LELAND STREET DESIGN STANDARDS MANUAL

Project Description/Scope: The Town of Leland is partnering with the Wilmington Urban Area MPO for the development of street design manual. These guidelines will guide new development towards the construction of streets that better align with the town's values in terms of connectivity, multi-modal activity, maintenance, design, and safety. The Leland Street Design Manual will include conceptual tables/graphics which will more easily convey the impact of standards on the physical landscape to the public and elected officials. A public meeting was held on December 4, 2017 to review the draft materials. The document was revised and a follow-up meeting was held on February 20, 2018. Staff from the Town continues to work on the development of these standards. MPO staff met with the Town on May 22, 2018. The Town provided the MPO with a list of questions, proposed changes and comments. The MPO responded and the Town continues to review the document.

Next Steps:

- Continue to update the guidelines/manual per guidance from the Town of Leland

NORTHEAST NEW HANOVER COUNTY FUTURE STREETS STUDY

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

a draft study from the consultant. The study is being revised by the County to meet our needs. Staff continues to work with county staff on this study.

Next Steps:

- Finalize Draft study in Spring 2019
- Present information to New Hanover County Planning Board and Board of Commissioners

SITE DEVELOPMENT REVIEW

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

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

STBGP-DA/TASA-DA FY 2013 to Present

STBGP-DA

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

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

Project Status and Next Steps:

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

- Complete Construction – Winter 2020

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Construction is complete

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

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

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBGP-DA projects

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- The Town is getting a proposal from Davenport to perform a complete and independent review of the drawings for the four STBGP-DA projects

U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK

Project Description/Scope: The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Construction is complete

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

- Anticipated Let Date: Summer 2019

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Town working with NCDOT to receive/execute agreements

TASA-DA

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

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

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

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

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

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

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

Project Status and Next Steps:

- Currently working with NCDOT to receive agreements

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Project Status and Next Steps:**Initiatives**

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

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



Cape Fear Public Transportation Authority

Project Update

April 2019

REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - FTA funding in the amount of \$3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Delivery is scheduled to begin in June 2019. On February 28, 2019 the Authority authorized \$879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Delivery is expected to take approximately six months.

The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.

Five paratransit vehicles, ordered in 2018, are in the process of delivery. Two vehicles have been delivered and the balance is expected the week of April 01, 2019.

Additional funding for three to four buses will be requested from the VW mitigation settlement phase one following a call for projects by NC DAQ in the spring of 2019.
- 2. Short Range Transportation Plan** - following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

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

The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following URL: <https://www.wavetransit.com/short-range-transit-plan/>.

Staff has begun its evaluation of the proposed changes and revenue neutral route changes are being presented to the board. The modifications are expected to take place in conjunction with the opening of the WMMTC.

3. **Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to \$1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.
Phase 1 consisting of hazardous materials abatement and demolition is complete.
Phase 2 consisting of building stabilization is complete.
Phase 3 consisting of renovation construction was let for bidding on February 14, 2018. Renovation construction of the Neuwirth Building began on December 03, 2018. Renovation construction is approximately 50% complete. Limited site construction has been authorized using funds that were previously uncommitted. The \$1,700,000 STBGP-DA funding has been delayed by the government shutdown and a technical correction to the original request. An amendment to the current grant has been submitted to FTA for consideration once the additional funding has been recognized by FTA Region 4. The Authority is optimistic that the funds will be available for grant allocation in April 2019. This would most likely result in a late summer or early fall dedication of the facility.
2. **Preventive Maintenance & ADA** - STBGP-DA funding in the amount of \$500,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO on July 25, 2018. The process of flexing the funds from FHWA to FTA is complete and a grant application has been submitted to FTA. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In February 2019 the Authority provided 1,723 ADA passenger trips utilizing the funding. The period of performance for the project is 07/01/2018 through 06/30/2019.

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

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

Date Completed:

4/1/2019

PO:

WMPO

Contact:

Caitlin Marks

910-341-2000 | cmmarks@ncdot.gov

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

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

April 2019

JAMES H. TROGDON, III
SECRETARY

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

APRIL TPD UPDATES WILMINGTON MPO

April 2019

New Business:

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

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

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

Pender County CTP – TPD has done a lot of pre-work for Pender County, once the RPO and engineer can provide more time and grasp a better understanding of CTP 2.0 – they will start the CTP within the next few months.

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

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RALEIGH NC 27699-1554

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Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

Old Business:

Performance Measures – Summary of pending items and deadlines:

1. PM2 and PM3 targets (pavement, bridge, and system performance):
 - Per CFR450.324(f)(3), the MTP has to contain a description of the performance measures and the targets used.
2. MPO's are required to amend their TIP by updating language within it.
3. Data sharing agreements.
 - Recommend executing agreement as soon as possible.
4. NCDOT submitted the required yearly safety (PM1) targets on August 31, 2018.
 - MPO's have 180 days to support NCDOT's targets or establish their own (Feb 27, 2019).
 - Safety targets are a yearly process.
 - MTP needs to be updated to include these targets.

The jointly written provisions (which are noted in the draft data-sharing agreements) to address FTA's Transit Assessment Management/State of Good Repair (TAM/SGR) performance measures must be completed by October 1, 2018. As information on transit asset conditions as reported by providers of public transportation to the National Transit Database (NTD) will not be available until October 2019, they will need to provide this information directly to their MPO. For additional TAM/SGR information, please see FTA's TAM webpage.

CTP Study Requests – CTP Study Requests were accepted in Spring of 2018. Studies have been prioritized and assigned based on available resources, mainly as new work plans began in June 2018. Other assignments may occur later as additional resources become available.

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

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

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

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

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

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

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

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

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

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

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

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

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

Travel Information (TIMS):

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