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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: January 7, 2020
SUBJECT: January 15th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, January 15, 2020 at 10 am. The meeting will be held in the 6th Floor conference room located at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Election of Officers
- 4) Presentations
 - a. "Be A Looker" Results- Nick Cannon, WMPO
- 5) Consent Agenda
 - a. Approval of TCC Meeting Minutes- October 16, 2019
 - b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendments #19-5 and #19-6
 - c. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #19-5
- 6) Regular Agenda
 - a. Resolution amending the Wilmington Urban Area MPO meeting schedule for the November TCC meeting
 - b. Resolution requesting the North Carolina Department of Transportation remove Direct Attributable funding for the Clarendon Park Multi-use path and Salisbury Street streetscape Projects from the State/MPO Transportation Improvement Programs
 - c. Opening of the 30-day public comment period for the FY 2021 Unified Planning Work Program
- 7) Discussion
 - a. 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-1
 - b. WMPO Bike/Pedestrian Committee Model E-Bicycle Ordinance
 - c. STIP/Locally Administered Projects

Wilmington Urban Area Metropolitan Planning Organization

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

-
- 8) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
 - 9) Announcements
 - a. Bike/Pedestrian Committee Meeting- February 11th
 - 10) Next meeting- February 12, 2020

Attachments:

- “Be A Looker” Final Report
- TCC Meeting Minutes- October 16, 2019
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendments #19-5
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendments #19-6
- Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendments #19-5 and #19-6
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #19-5
- Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #19-5
- Resolution amending the Wilmington Urban Area MPO meeting schedule for the November TCC meeting
- Resolution requesting the North Carolina Department of Transportation remove Direct Attributable funding for the Clarendon Park Multi-use path and Salisbury Street streetscape Projects from the State/MPO Transportation Improvement Programs
- Draft FY 2021 Unified Planning Work Program
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-1
- Draft WMPO Bike/Pedestrian Committee Model E-Bicycle Ordinance
- Memorandum from Bobby Lewis regarding STIP/Locally Administered Projects
- Wilmington Urban Area MPO Project Update (January)
- Cape Fear Public Transportation Authority Update (January)
- NCDOT Division Project Update (January)
- NCDOT Transportation Planning Division Project Update (January)

**BE A LOOKER Safety Campaign
Final Report**

BE A LOOKER

**Watch For Bikes
and Pedestrians**





Executive Summary

According to the North Carolina Department of Transportation's Traffic Crash Facts, the Wilmington area is ranked as one of the most dangerous regions in North Carolina for bicyclists and pedestrians. In 2017, there were 74 pedestrian crashes, 6 of which were fatal, and 56 bicycle crashes, 5 of which were fatal.

Over the past 10 years, the WMPO region has made strides in increasing its bicycle and pedestrian infrastructure. The completion of the Gary Shell Cross City Trail and other greenways as well as the myriad of projects from the 2014 City of Wilmington Transportation Bond has made walking and biking throughout the area more possible each year.

To combat the issue of bicycle-vehicle and pedestrian-vehicle collisions, Go Coast developed a campaign that resembled NCDOT's "Watch For Me NC".

Watch For Me NC is a bicycle and pedestrian safety campaign that requires leadership from municipal law enforcement. Because of limited resources and the need for police attention directed toward other matters of public safety, local law enforcement has shown decreasing interest in this program.

With a very evident need to reduce bicycle and pedestrian injuries and fatalities our region, Go Coast created the "Be A Looker" safety campaign. Be A Looker, ran from April through September 2019 with the primary goals of increasing the vigilance and improving the behavior of drivers, bicyclists, and pedestrians. The campaign largely targeted messages towards drivers and placed an emphasis on the responsibilities of pedestrians and bicyclists.

Go Coast boosted these messages through a series of images on digital billboards, Wave Transit shuttles, website, print material, t-shirts, and social media. "Be A Looker" also appeared at 10 community events and a press release was held by the WMPO at Empie Park at the launch of the campaign.

A child wearing a pink helmet and a backpack with a sloth design is riding a purple bicycle on a paved path. The path is surrounded by trees and foliage, suggesting a park or wooded area. The child is seen from behind, riding away from the viewer.

“It’s critical that drivers, pedestrians, and cyclists pay attention to who they share the road with.”

Campaign Overview

Background

In recent years, the NCDOT has placed an increased emphasis on Transportation Demand Management (TDM) and even created the TDM Strategic Plan. This plan is carried out through grant-funded programs in five regions of North Carolina including “Go Coast” in the WMPO region.

Among several strategies to mitigate traffic congestion and encourage the use of alternative transportation in the Wilmington Area, is the increase of individuals walking and biking as a means of transportation. In the Fall of 2017, the WMPO released a Request For Proposal (RFP) for a turnkey bike share program. The City of Wilmington desires to implement a bike share program in the downtown core and connect areas of the city such as shopping centers, schools, parks, and other popular destinations with bike share.

NCDOT's *NC Bicycle Crash Facts, 2011-2015* lists Wilmington as the city with the 3rd highest total crash count and the highest **average** crash count of 4.9 out of every 10,000 residents.

According to survey results from the Cape Fear Moving Forward 2045 community feedback, 66% of respondents wish to bike more often, and 55% prefer to walk more often. To help ignite the culture change for bicyclists, drivers, and pedestrians to get around in safety and conformity, an educational marketing campaign was created.

A six-month time frame was chosen. April through September encompasses a majority of the warmest months, tourist season, and national bike month.

Biking, Walking, and Driving

In 2017, Wilmington Police recorded over 100 roadway accidents involving pedestrians and cyclists. Like most cities in the United States, the primary mode of transportation for citizens of Wilmington is a personal vehicle. Don Bennet, Wilmington Traffic Engineer says, "I think it comes down to a cultural change, even when we are in our cars, we have to think back to the times we were cycling, we have to think back to the times we were walking."

Communicating to citizens the importance of sharing the road is imperative to creating a cultural change that respects bicycling and walking. Here are a few key factors that make the WMPO area popular for biking and walking:

- a) **Population density:** New Hanover County is one of the densest counties in NC.
- b) **UNC Wilmington:** over 16,000 students and 3,000 faculty and staff are on the UNCW Campus each weekday between August and May. The University's one mile radius rule prevents students who live within one mile from the campus from driving a car to class, resulting in thousands of pedestrians and bicyclists in a concentrated area each week.
- c) **Beach community:** the beach is a popular place to walk and bike for permanent residents and visitors alike.
- d) **Income:** like any metropolitan areas, there are residents who bicycle or walk as their main or only form of transportation.

"We just have to understand that the pedestrian and bicyclist don't have the same safety features afforded to large vehicles."



Campaign Goals

The overall goal of “Be A Looker” was to reduce the number of bicycle and pedestrian fatalities caused by collisions with motor vehicles. This would be achieved by creating a campaign that:

- Promoted bicycling as walking as legitimate modes of transportation.
- Educated citizens on rules of the road for driving, walking, and biking.

Campaign Objectives

- Create a message that was simple, and easily adaptable for drivers, bicyclists, and pedestrians.
- Communicate the Wilmington area’s quality of life, including its diversity, small town sense of community, and population density.
- Convey the idea that habit change of “being a looker” is very simple.

Target Audience

Every citizen in the area was an appropriate target for Be A Looker. Driving, walking, and bicycling safety pertains to every citizen. Because of the especial physical vulnerability of those outside a vehicle, the primary audience were drivers, and the secondary audience were cyclists and pedestrians.

Target Behaviors

During the planning phase, Go Coast identified specific problem behaviors of drivers, cyclists, and pedestrians:

Motorist Behaviors

- Not looking for pedestrians or cyclists when making a right turn.
- Distracted driving.
- Not yielding to pedestrians or giving room to cyclists when passing.

Bicyclist Behaviors

- Riding on the left side of the street, against traffic.
- Not using hand signals, wearing a helmet, or using bike lights.

Pedestrian Behaviors

- Not looking for cars when crossing and/or not using a crosswalk.
- Not making eye contact with drivers/ distracted walking.



Campaign Overview



Campaign Strategy and Implementation

Being a marketing campaign, "Be A Looker" focused primarily on visuals with a simple message. There were additional opportunities to attend events and interact directly with individuals. There were eight strategies identified to present Be A Looker to the public.

Strategies

1. Images on Wave Shuttles
2. Digital Billboards
3. Mass Email
4. Local Media
5. Social Media
6. Community Events
7. Print Material
8. Web Page

Campaign Strategy



Campaign Strategy

Implementation

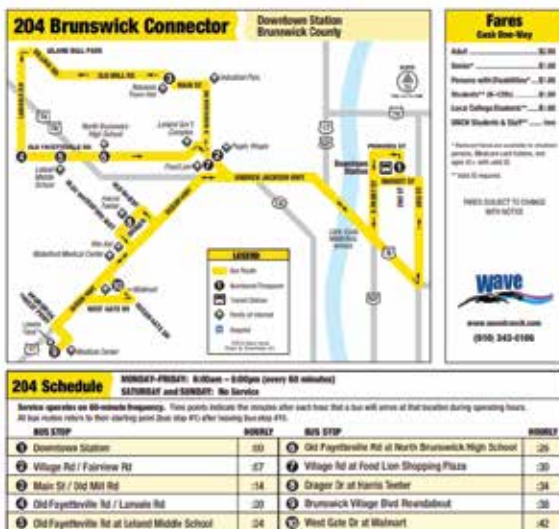
1. Wave Shuttles

A Be A Looker image was displayed on one side of the 107 College Road shuttle. This shuttle travels north to south along S. College Road on a one hour schedule.

A second image was displayed on one side of the 204 Brunswick Connector shuttle. This shuttle travels from downtown Wilmington into northern Brunswick County on a one hour schedule.

Estimated Impressions

2,962,000





Campaign Strategy

Implementation

2. Digital Billboards

Through an agreement the City of Wilmington has with Lamar, Go Coast was able to utilize free advertising on digital billboards throughout Wilmington.

Estimated Impressions

1,900,000

Three images were displayed on thirteen digital billboards in Wilmington and one on Carolina Beach. Each image was displayed for eight seconds every minute for 20 weeks.

Because of the placement of these billboards at highly trafficked intersections in town, the messages were geared towards drivers to prioritize bicycle and pedestrian safety.



3. Mass Email

Go Coast utilizes Constant Contact, a platform for mass emailing community members for events in the area.

One email was sent every month to approximately 15,000 individuals in the WMPO region promoting Be A Looker. These emails included educational components about rules of the road, and how to "Be A Looker". The emails featured tips such as look right before you turn right, don't block the crosswalk, make eye contact with drivers, use hand signals while biking, and more.

Opened emails

8,407



Estimated Media Impressions

102,500

Wilmington Urban Area "Be A Looker" Safety Campaign September 2019

Go Coast is continuing to encourage citizens to be vigilant on the road and reduce the amount of bicycle and pedestrian collisions in the region. Drivers, bicyclists, and pedestrians alike all have a major responsibility to obey traffic laws and practice safety while getting around town.



Pedestrians

A smart pedestrian makes eye contact with drivers, makes themselves visible, and crosses the street at a crosswalk.



Bicyclists

A smart cyclist rides with traffic, uses hand signals, wears a helmet, and uses front and back lights.



How to be a looker

Being a looker is a commitment to embrace bicycling and walking as legitimate modes of transportation, to educate oneself on rules of the road, and to prioritize safety.

Lookers are smart drivers, pedestrians, and bicyclists.

4. Media

At the launch of the campaign, Go Coast held a press event at Empie park where the Cross City Trail meets the newly constructed Park Avenue Trail.

During the event, news outlets heard messages from the TDM Coordinator, the Chair of the WMPO Bicycle and Pedestrian Advisory Committee, a New Hanover County Commissioner, and the Mayor Pro Tempore of Leland.

Spectrum News and WECT reported on "Be A Looker" in the evening news.

In the month of September, Go Coast utilized paid advertising with Local Voice Wilmington. A 30 second scripted message about bicycle and pedestrian safety and the "Be A Looker" pledge aired on radio stations 98.3, 97.3, and 106.3 a total of 144 times in a thirty day period.



5. Social Media

A “Be A Looker” message was posted at least once a week over the course of the campaign. Photos and videos with safety messages were posted on the WMPO Facebook, Instagram, and Twitter accounts, and the Go Coast Instagram account.

Posts alternated messages directed towards drivers, pedestrians, and cyclists. The City of Wilmington created three videos featuring a WPD Officer sharing the safety information provided on the “Be A Looker” web page.

Social Media Interactions

2,000

5. Community Events

Go Coast attended ten local farmer's markets and three events with employers represented on the Go Coast Committee.

At these events, community members were taught about alternative transportation in the area, provided materials such as maps and brochures, and asked to sign the “Be A Looker” pledge.

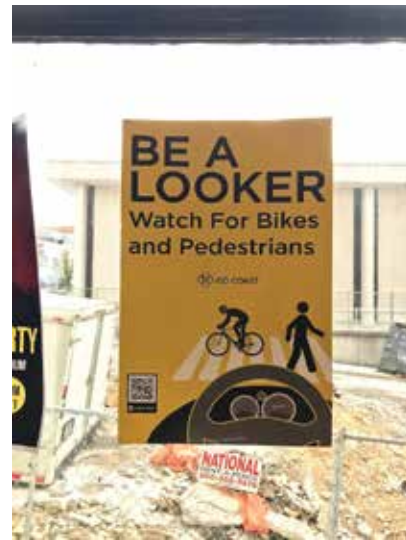
Events

13



7. Print Material

Over 800 bumper stickers, window posters, brochures, and t-shirts were distributed to individuals, local organizations, and businesses.



At least twelve local businesses put up window posters at their location.

Print Materials

800

8. Web Page and Pledge

The “Be A Looker” page was added to the WMPO web page at wmpo.org/BeALooker. This web page consisted of educational information for drivers, bicyclists, and pedestrians. The featured component of the “Be A Looker” web page was the Be A Looker pledge.

The “Be A Looker Pledge” is a “commitment to embrace bicycling and walking as legitimate modes of transportation, to educate oneself on rules of the road, and to prioritize safety.”

“Be A Looker” pledges

285



Feedback

To evaluate the campaign's effectiveness and learn about public response and behavior change, Go Coast conducted an online survey following "Be A Looker."

Thirty community members completed the survey. After answering the 10 questions in the survey, respondents had the opportunity to provide comments on the "Be A Looker" campaign.

"Please keep the campaign going. Changing habits takes a long time, and only through persistence will we make real change."

"This campaign was a great start to highlighting the huge problem of pedestrian/car accidents in our community."

"I strongly believe this type of campaign should run all the time in order to create a culture of awareness and safety among all users of the roadway."

"I hope to see new similar campaigns in the future which continue to inform and educate all community members of this issue and ways to fix it."

Campaign Impact

Survey Results

Successes

73%

Said they were positively impacted by the safety campaign.

93%

Think the campaign was somewhat or very successful at meeting its goal of increasing public awareness of biking and walking and educating citizens on rules of the road.

63%

Use a cell phone less while driving because of "Be A Looker."

66%

Learned a small or significant amount from "Be A Looker" as a cyclist or pedestrian.

70%

Learned a small or significant amount from "Be A Looker" as a driver.

93%

Think there is value in continuing a campaign like "Be A Looker."

Room For Improvement

72%

Feel no more safe walking or biking than before the campaign began.

Campaign Impact

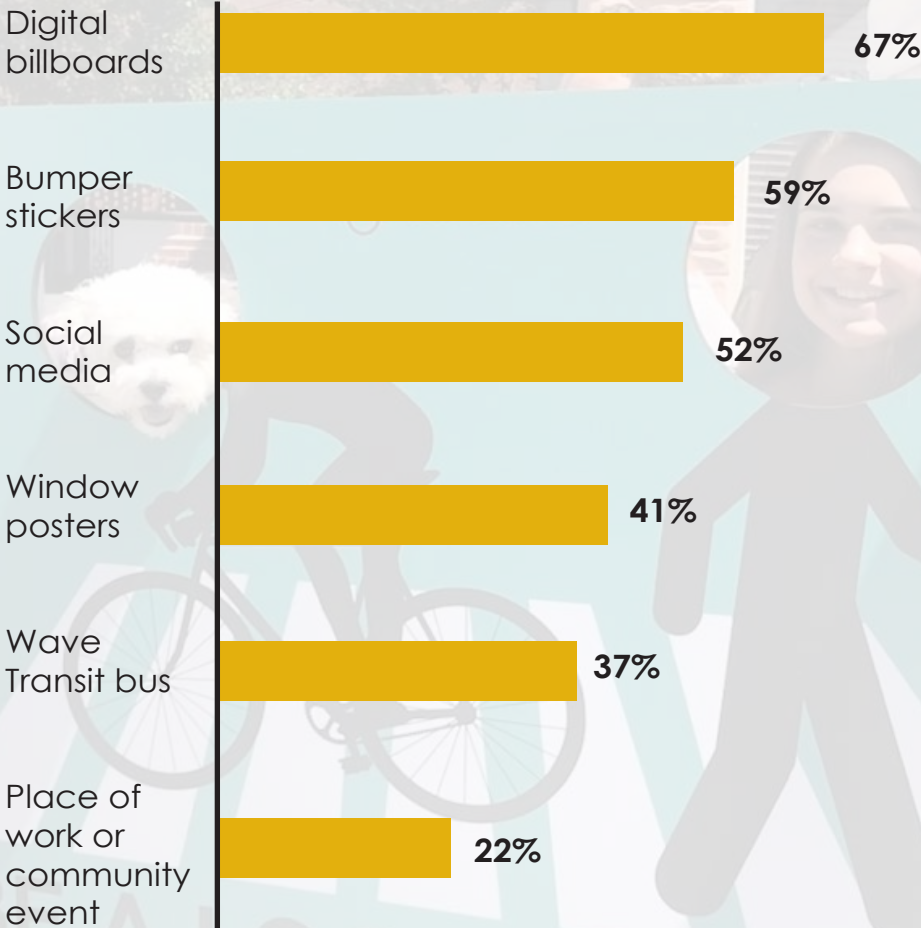
56%

Give room to bicyclists and yield to pedestrians more often than before the campaign began.

73%

Said they are more aware of bicycles and pedestrians while driving.

The respondents to the survey reported seeing "Be A Looker" in the following formats.



Stakeholders and Partners

While there was support from local businesses and employers represented on the Go Coast Committee, future campaigns should seek to have more involvement from major community stakeholders and partners that reach a larger audience. The City of Wilmington was a major supporter during this campaign and successfully shared Be A Looker images on social media, however other WMPO member jurisdictions did not include Be A Looker in their social media activity. Go Coast and the TDM Coordinator should explore opportunities with our members to promote the campaign with the public school system to share safety campaign information with students and parents. Go Coast may also recruit volunteers like elected officials and members of cycling and walking organizations to attend events.

Effective Marketing

The survey revealed that most of the “Be A Looker” messages were seen on the digital billboards throughout Wilmington, which happened to also be the most inexpensive form of marketing. Mass emailing proved to be an extremely effective way to communicate directly to community members and provide detailed information on how to “be a looker”. Social media was also a very effective way to track interactions and share “Be A Looker” tips and images. More paid advertisements on Facebook and Instagram are recommended for future campaigns. If the budget allows, mail communication is also recommended to reach residents more directly. The print material of brochures, bumper stickers, and window posters were cost effective and easy to distribute.

This campaign also took advantage of creating recognition of the Go Coast brand to the community. Under the assumption that a significant number of individuals in the region are now familiar with Go Coast, future campaigns should provide further information about Go Coast in conjunction with the message of the campaign.

Education and Outreach

Attending existing community events proved very successful for “Be A Looker.” Go Coast was able to bring campaign materials and messages to residents where they already were in large numbers. Partnering with Go Coast committee members to hold events at locations like Live Oak Bank, nCino, and CastleBranch made for convenient and passive participation from employees in the region. The downtown Wilmington Farmer's markets were more successful than the Wrightsville Beach Farmer's Markets largely in part to the day and audience of each market. The downtown market's held on Saturday mornings generated a significant amount of foot traffic from both planned and unplanned attendees. The Wrightsville Beach market's were attended by a significant number of vacationers and individuals who frequent the market but come for a specific product from a specific vendor with little intention to visit each tent.

The TDM Coordinator was the only WMPO staff member who attended these community events. If future campaigns enlist help from additional staff and volunteers from the community, more events can be attended. A dedicated web page for “Be A Looker” proved to be extremely useful to direct people to a single location for in-depth safety education.

High Profile Kickoff

The press event to kickoff “Be A Looker” was a great way to bring attention to the launch of the campaign. This event received media attention and gave the WMPO a platform to share with the community why a bicycle and pedestrian safety campaign is important to this region. In the future, the press event for a public safety campaign could benefit from the presence of local police.

Lessons Learned

**Wilmington Urban Area
Technical Coordinating Committee
Wednesday, October 16, 2019
Meeting Minutes**

Members Present

Mike Kozlosky, Wilmington MPO
Don Bennett, City of Wilmington
Nick Cannon, Wilmington MPO
Jerry Haire, Town of Carolina Beach
Rebekah Roth, New Hanover County
Cheryl Page, Town of Belville
Matt Kirkland, Town of Leland

Helen Bunch, Brunswick County
Caitlin Marks, NCDOT Division of
Highways
Nazia Sarder, NCDOT Planning
Megan Matheny, Cape Fear Public
Transportation

1) Call to Order

Mr. Kozlosky called the meeting to order at 10:01 a.m.

2) Approval of the Agenda

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

3) Presentation

a. Go Coast Website – Nick Cannon, WMPO

Mr. Cannon gave a presentation on the Go Coast website, which is 99% complete. Although some of the content is similar to that of www.wmpo.org, the new site will set apart and increase visibility of the Transportation Demand Management (TDM) program, which promotes alternative modes of transportation. He noted that the Go Coast homepage will feature a banner highlighting current events, and links to the new bicycle/walking map and public transportation. The Personalized Commuter Plan is another feature of the website. It is a new program for citizens to receive a customized plan for utilizing alternative transportation in commuting to and from work and other transportation scenarios.

Mr. Cannon gave an overview of the new website's content as follows:

- About
 - Go Coast and TDM
 - Go Coast Committee
 - Commuter Friendly Employer
- Biking & Walking
 - Rules of the Road
 - Bicycles
 - Pedestrians
 - Bikes on the Bus and link to Wave Transit website
 - Maps/Clubs/Links
 - Cross City Trail
 - River to Sea Bikeway
 - Cape Fear Cyclists
 - Bicycle and Pedestrian Infrastructure Map
 - Island Greenway (Carolina Beach)

- Carpool & Van Pool
 - Share the Ride NC (currently under revision by NCDOT)
 - Wave Vanpool
 - Park & Ride Lots (3 in Leland)
- Public Transportation
 - Bus Routes (MPO GIS Portal Page also with all stops and time tables available)
 - Trip Planner (by bus)
 - Free Downtown Trolley
 - Fares and Passes (link to Wave Transit)
- Projects (with a focus on alternative transportation projects that have received funding through the WMPO)
- News & Events
- Contact information

Mr. Kozlosky stated that staff will inform the committee once the new website (www.gocoastnc.org) goes live following its presentation to the MPO Board.

4) Consent Agenda

- a. **Approval of TCC Meeting Minutes – September 11, 2019**
- b. **Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs**
- c. **Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4**
- d. **Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities**
- e. **Opening 30-day public comment period for 2018-2017 and 2020-2029 State/MPO Transportation Improvement Program Amendment #19-5**

Ms. Bunch made a motion to approve the Consent Agenda, Items 4a through 4e, and to forward these items to the MPO Board for consideration. Mr. Bennett seconded the motion, and it carried unanimously.

5) Regular Agenda

- a. **Resolution approving the Go Coast Transportation Demand Management Committee Bylaws**

Mr. Cannon stated that a draft of the bylaws defining the purpose of the Go Coast/Transportation Demand Management (TDM) Committee has been included in the agenda packet. He noted that no bylaws existed previously. He added that the Go Coast Committee approved the bylaws in September.

Mr. Cannon made a motion to approve the Go Coast Transportation Demand Management Committee Bylaws. Mr. Haire seconded the motion, and it carried unanimously.

6) **Discussion**

a. **Alternative Funding Criteria and Proposed Project Lists for inclusion in Cape Fear Moving Forward 2045**

Ms. Lorenzo gave an update on the Alternative Funding opportunities for inclusion in the Cape Fear Moving Forward 2045 Plan. She noted that in September, the MPO Board endorsed the fiscally constrained project lists and directed staff to present the potential alternative funding sources to the governing boards of the member jurisdictions. She added that staff expects to complete the presentations in early November and bring the alternative funding sources to the MPO Board for consideration at its November meeting.

Ms. Lorenzo stated that once the alternative funding sources are identified, staff will bring forward any additional projects to be included in the fiscally constrained plan in January.

Mr. Kozlosky pointed out that the request for presentations to the member jurisdictions will compress the timeline.

Ms. Lorenzo commented that staff hopes to present the draft plan to the MPO Board in March of 2020, which is still within the original timeframe of the plan.

7) **Updates**

Mr. Kozlosky stated that updates are included in the agenda packet. In addition, he acknowledged the presence of two new staff members: Associate Transportation Planner Rachel McIntyre and GIS Analyst Luke Foreman.

Ms. McIntyre and Mr. Foreman expressed appreciation, and gave a brief overview of their professional backgrounds.

8) **Announcements**

a. **Bike/Pedestrian Committee Meeting: November 12th**

b. **Next TCC meeting: November 6th at the New Hanover County Library's Main Branch**

9) **Adjournment**

With no further items, the meeting was adjourned at 10:16 p.m.

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

Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-5 (October 2019)

* EB-6039 NEW HANOVER PROJ. CATEGORY DIVISION	CAROLINA BEACH, CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.	ENGINEERING CONSTRUCTION	FY 2020 - \$ 59,000 (TADA) FY 2020 - \$15,000 (L) FY 2021 - \$333,000 (TADA) FY 2021 - <u>\$83,000</u> (L) \$490,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		
* U-6233 NEW HANOVER PROJ. CATEGORY DIVISION	CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$2,000 (S) FY 2020 - \$6,000 (BGDA) FY 2020 - \$10,000 (S) FY 2020 - \$40,000 (BGDA) FY 2021 - \$42,000 (S) FY 2021 - <u>\$170,000</u> (BGDA) \$270,000
	<u>PROJECT ADDED AT REQUEST OF MPO. 'S'</u>		
	<u>FUNDS REPRESENT STATE HIGHWAY FUNDS.</u>		
* U-6234 NEW HANOVER PROJ. CATEGORY DIVISION	WILMINGTON, WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B.	ENGINEERING CONSTRUCTION	FY 2020 - \$192,000 (BGDA) FY 2020 - \$48,000 (L) FY 2021 - \$1,168,000 (BGDA) FY 2021 - <u>\$292,000</u> (L) \$1,700,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		
* U-6235 NEW HANOVER PROJ. CATEGORY DIVISION	WILMINGTON, TRAFFIC SIGNAL PRE-EMPTION FOR EMERGENCY VEHICLES PROJECT.	ENGINEERING	FY 2020 - \$390,000 (BGDA) FY 2020 - \$97,000 (L) FY 2021 - \$627,000 (BGDA) FY 2021 - <u>\$157,000</u> (L) \$1,271,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	

* U-6236					
NEW HANOVER	WILMINGTON, WEST SALISBURY STREET	CONSTRUCTION		FY 2020 - \$636,000 (BGDA)	
PROJ.CATEGORY	STREETSCAPE PROJECT,			FY 2020 - <u>\$273,000</u> (L)	
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$909,000	
* W-5803DIV	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY		FY 2020 - \$30,000 (HSIP)	
BRUNSWICK	LOCATIONS IN DIVISION 3.			FY 2021 - \$30,000 (HSIP)	
DUPLIN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u>			FY 2022 - \$30,000 (HSIP)	
NEW HANOVER	<u>PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION		FY 2020 - \$180,000 (HSIP)	
ON SLOW				FY 2021 - \$180,000 (HSIP)	
PENDER				FY 2022 - <u>\$180,000</u> (HSIP)	
SAMPSON				\$630,000	
PROJ.CATEGORY					
DIVISION					
* W-5803REG	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY		FY 2020 - \$30,000 (HSIP)	
DUPLIN	LOCATIONS IN DIVISION 3.			FY 2021 - \$30,000 (HSIP)	
PENDER	ADD RIGHT-OF-WAY AND CONSTRUCTION NOT			FY 2022 - \$30,000 (HSIP)	
ON SLOW	PREVIOUSLY PROGRAMMED.	CONSTRUCTION		FY 2020 - \$180,000 (HSIP)	
NEW HANOVER				FY 2021 - \$180,000 (HSIP)	
BRUNSWICK				FY 2022 - <u>\$180,000</u> (HSIP)	
SAMPSON				\$630,000	
REGIONAL					
PROJ.CATEGORY					

* W-5803SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.	RIGHT-OF-WAY	FY 2020 - \$30,000 (HSIP)
BRUNSWICK			FY 2021 - \$30,000 (HSIP)
DUPLIN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2022 - \$30,000 (HSIP)
NEW HANOVER			FY 2020 - \$180,000 (HSIP)
ONSLow			FY 2021 - \$180,000 (HSIP)
PENDER			FY 2022 - <u>\$180,000</u> (HSIP)
SAMPSON			\$630,000
PROJ.CATEGORY			
STATEWIDE			

W-5715DIV	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	STATEWIDE	CONSTRUCTION
STATEWIDE			
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>		
DIVISION			

FY 2020 - \$450,000 (HSIP)
FY 2021 - \$450,000 (HSIP)
FY 2022 - \$450,000 (HSIP)
FY 2023 - \$450,000 (HSIP)
FY 2024 - \$450,000 (HSIP)
FY 2025 - \$450,000 (HSIP)
FY 2026 - \$450,000 (HSIP)
FY 2027 - \$450,000 (HSIP)
FY 2028 - \$450,000 (HSIP)
FY 2029 - \$450,000 (HSIP)
\$4,500,000

* W-5715REG	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	STATEWIDE	CONSTRUCTION
STATEWIDE			
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>		
REGIONAL			

FY 2020 - \$450,000 (HSIP)
FY 2021 - \$450,000 (HSIP)
FY 2022 - \$450,000 (HSIP)
FY 2023 - \$450,000 (HSIP)
FY 2024 - \$450,000 (HSIP)
FY 2025 - \$450,000 (HSIP)
FY 2026 - \$450,000 (HSIP)
FY 2027 - \$450,000 (HSIP)
FY 2028 - \$450,000 (HSIP)
FY 2029 - <u>\$450,000</u> (HSIP)
\$4,500,000

* W-5715SW
STATEWIDE
PROJ.CATEGORY
STATEWIDE

VARIOUS, SIGNAL RETIMING TO IMPROVE
SAFETY.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION MOBILITY AND SAFETY
DIVISION.

STATEWIDE CONSTRUCTION

FY 2020 - \$600,000 (HSIP)
FY 2021 - \$600,000 (HSIP)
FY 2022 - \$600,000 (HSIP)
FY 2023 - \$600,000 (HSIP)
FY 2024 - \$600,000 (HSIP)
FY 2025 - \$600,000 (HSIP)
FY 2026 - \$600,000 (HSIP)
FY 2027 - \$600,000 (HSIP)
FY 2028 - \$600,000 (HSIP)
FY 2029 - \$600,000
\$6,000,000

* W-5716DIV
STATEWIDE
PROJ.CATEGORY
DIVISION

VARIOUS, SAFETY MANAGEMENT PROGRAM,
PROJECT IDENTIFICATION, ANALYSIS AND
PRELIMINARY ENGINEERING.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION MOBILITY AND SAFETY
DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$1,650,000 (HSIP)
FY 2021 - \$1,650,000 (HSIP)
FY 2022 - \$1,650,000 (HSIP)
FY 2023 - \$1,650,000 (HSIP)
FY 2024 - \$1,650,000 (HSIP)
FY 2025 - \$1,650,000 (HSIP)
FY 2026 - \$1,650,000 (HSIP)
FY 2027 - \$1,650,000 (HSIP)
FY 2028 - \$1,650,000 (HSIP)
FY 2029 - \$1,650,000 (HSIP)
\$16,500,000

* W-5716REG
STATEWIDE
PROJ.CATEGORY
REGIONAL

VARIOUS, SAFETY MANAGEMENT PROGRAM,
PROJECT IDENTIFICATION, ANALYSIS AND
PRELIMINARY ENGINEERING.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$1,650,000 (HSIP)
FY 2021 - \$1,650,000 (HSIP)
FY 2022 - \$1,650,000 (HSIP)
FY 2023 - \$1,650,000 (HSIP)
FY 2024 - \$1,650,000 (HSIP)
FY 2025 - \$1,650,000 (HSIP)
FY 2026 - \$1,650,000 (HSIP)
FY 2027 - \$1,650,000 (HSIP)
FY 2028 - \$1,650,000 (HSIP)
FY 2029 - \$1,650,000 (HSIP)
\$16,500,000

* W-5716SW
STATEWIDE
PROJ.CATEGORY
STATEWIDE

VARIOUS, SAFETY MANAGEMENT PROGRAM,
PROJECT IDENTIFICATION, ANALYSIS AND
PRELIMINARY ENGINEERING.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$2,200,000 (HSIP)
FY 2021 - \$2,200,000 (HSIP)
FY 2022 - \$2,200,000 (HSIP)
FY 2023 - \$2,200,000 (HSIP)
FY 2024 - \$2,200,000 (HSIP)
FY 2025 - \$2,200,000 (HSIP)
FY 2026 - \$2,200,000 (HSIP)
FY 2027 - \$2,200,000 (HSIP)
FY 2028 - \$2,200,000 (HSIP)
FY 2029 - \$2,200,000 (HSIP)
\$22,000,000

* W-5717DIV
STATEWIDE
PROJ.CATEGORY
DIVISION

VARIOUS, HIGHWAY SYSTEM DATA
COLLECTION.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$150,000 (HSIP)
FY 2021 - \$150,000 (HSIP)
FY 2022 - \$150,000 (HSIP)
FY 2023 - \$150,000 (HSIP)
FY 2024 - \$150,000 (HSIP)
FY 2025 - \$150,000 (HSIP)
FY 2026 - \$150,000 (HSIP)
FY 2027 - \$150,000 (HSIP)
FY 2028 - \$150,000 (HSIP)
FY 2029 - \$150,000 (HSIP)
\$1,500,000

* W-5717REG
STATEWIDE
PROJ.CATEGORY
REGIONAL

VARIOUS, HIGHWAY SYSTEM DATA
COLLECTION.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$150,000 (HSIP)
FY 2021 - \$150,000 (HSIP)
FY 2022 - \$150,000 (HSIP)
FY 2023 - \$150,000 (HSIP)
FY 2024 - \$150,000 (HSIP)
FY 2025 - \$150,000 (HSIP)
FY 2026 - \$150,000 (HSIP)
FY 2027 - \$150,000 (HSIP)
FY 2028 - \$150,000 (HSIP)
FY 2029 - \$150,000 (HSIP)
\$1,500,000

* W-5717SW
STATEWIDE
PROJ.CATEGORY
STATEWIDE

VARIOUS, HIGHWAY SYSTEM DATA
COLLECTION.
PROJECT ADDED AT REQUEST OF
TRANSPORTATION
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$200,000 (HSIP)
FY 2021 - \$200,000 (HSIP)
FY 2022 - \$200,000 (HSIP)
FY 2023 - \$200,000 (HSIP)
FY 2024 - \$200,000 (HSIP)
FY 2025 - \$200,000 (HSIP)
FY 2026 - \$200,000 (HSIP)
FY 2027 - \$200,000 (HSIP)
FY 2028 - \$200,000 (HSIP)
FY 2029 - \$200,000 (HSIP)
\$2,000,000

Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-6 (November 2019)

* Y-5803 BRUNSWICK
DUPLIN NEW
HANOVER ONSLOW
PENDER SAMPSON
PROJ.CATEGORY
DIVISION

VARIOUS, TRAFFIC SEPARATION STUDY
IMPLEMENTATION AND CLOSURES IN DIVISION 3.
PROJECT ADDED AT REQUEST OF RAIL DIVISION:
INDIVIDUAL PROJECTS AND FUNDING TO BE
REQUESTED IN THE FUTURE AS NEEDED.

* Z-5803 BRUNSWICK
DUPLIN NEW
HANOVER ONSLOW
PENDER SAMPSON
PROJ.CATEGORY
DIVISION

VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY
IMPROVEMENTS IN DIVISION 3.
PROJECT ADDED AT REQUEST OF RAIL DIVISION:
INDIVIDUAL PROJECTS AND FUNDING TO BE
REQUESTED IN THE FUTURE AS NEEDED

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AMENDMENTS #19-5 AND 19-6 TO THE
2018-2027 AND 2020-2029 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 North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Amendments #19-5 and 19-6; 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 and 2020-2029 State/MPO Transportation Improvement Programs for Amendments #19-5 and 19-6.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 22, 2020.

, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

**STIP/MPO TIP Modification # 19-5
(November 2019)**

EB-6029 NEW HANOVER PROJ.CATEGORY DIVISION	CARENDON AVENUE, CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD). <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN BY THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 19 TO FY 20</u>	CONSTRUCTION	FY 2020 - (TADA) \$516,000 FY 2020 - (L) <u>\$129,000</u> \$645,000
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-5 TO THE
2018-2027 AND 2020-2029 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 North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modification #19-5.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modification #19-5.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 22, 2020.

, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AMENDING THE 2020 WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION MEETING CALENDAR**

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 of the Wilmington Urban Area Metropolitan Planning Organization adopts the meeting calendar on an annual basis; and

WHEREAS, the Board adopted the 2020 meeting calendar on November 20, 2019; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the 2020 meeting calendar to change the Technical Coordinating Committee's November meeting date.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the adopted 2020 meeting calendar to change the Technical Coordinating Committee's November meeting date to November 4, 2020.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 22, 2020.

, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION REMOVE PROJECTS EB-6029 AND U-6236 FROM THE
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, on February 27, 2019 the Town of Carolina Beach was awarded Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) funding for the Clarendon Avenue Multi-use Path project; and

WHEREAS, on July 31, 2019 the Town of Wrightsville Beach was awarded Surface Transportation Block Grant Program-Direct Attributable (STBGP-DA) funding for the Salisbury Street Streetscape project; and

WHEREAS, the State/Metropolitan Transportation Improvement Program was amended to include the Clarendon Avenue Multi-use Path (EB-6029) and Salisbury Street Streetscape (U-6236); and

WHEREAS, the Town of Wrightsville Beach has decided to proceed with the streetscape project using Town funds and the Town of Carolina Beach has decided not to move forward with the Clarendon Avenue project; and

WHEREAS, the Towns of Wrightsville Beach and Carolina Beach have requested that the State/MPO Transportation Improvement Programs be amended to remove these projects.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests the North Carolina Department of Transportation remove Projects U-6236 and EB-6029 from the State/MPO Transportation Improvement Programs.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 22, 2020.

, Chair

Mike Kozlosky, Secretary



Unified Planning Work Program

Fiscal Year 2021

DRAFT 1/2/20

**FY 2021 UNIFIED PLANNING WORK PROGRAM
for the
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

TABLE OF CONTENTS

<u>Subject</u>	<u>Page</u>
Table of Contents	2
Introduction	3
Narrative of Section 104(f) Work Tasks to be Performed in FY 21	4
Tables of UPWP FTA Section 5303 Work Tasks to be Performed in FY 21	8
Planning Work Program Funding Sources FY 21	16
Anticipated DBE Contracting Opportunities for FY 21	17
Resolution of Approval	18
MPO Certification.....	19

Introduction

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a “cooperative, comprehensive, and continuing....” transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2021. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

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

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

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

Narrative of PWP Section 104(f) Work Tasks to be Performed in FY 21

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

Line Item Codes:

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

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

II-A3 Street System Changes- No tasks foreseen.

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

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

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

II-A7 Air Travel- No tasks foreseen.

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

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

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

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

II-A12 Bicycle and Pedestrian Facilities Inventory- Update the Bike Ped potential project database.

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

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

II-B3 Travel Model Updates- In concert with the North Carolina Department of Transportation, MPO staff will assist in the development of the 2050 travel demand model.

II-B4 Travel Surveys- No tasks foreseen.

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

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

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

II-B-8 Capacity Deficiency Analysis- Identify areas of deficient capacity through use of travel demand model for further analysis as potential metropolitan transportation improvement projects.

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

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

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

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

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

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

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

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

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

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

III-A Planning Work Program- Evaluation of FY 2021 PWP and development of FY 2022 PWP.

III-B Transportation Improvement Program- Review and amend the 2020-2029 Transportation Improvement Program on an as needed basis. Assist in the development of the 2023-2032 Transportation Improvement Program.

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

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

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

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

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

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

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

III-D1 Transportation Enhancement Planning- No tasks foreseen.

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

III-D3 Special Studies- Consultant will be contracted to assist in the completion of the Metropolitan Transportation Plan. Upcoming special studies will include the purchase of Streetlight data, a future street plan in Pender County, and a MPO strategic update.

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

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

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2021
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,200
Section 5303 NCDOT 10%	1,200
Section 5303 FTA 80%	9,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2021
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2021
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2021
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2021
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2021
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2021
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2021
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	4,136
Section 5303 NCDOT 10%	4,136
Section 5303 FTA 80%	33,086
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Wilmington Urban Area Metropolitan Planning Organization
FY2021 Unified Planning Work Program
Draft: January 2, 2020

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL		STBGP-DA		SECTION 5303				TDM		TASK FUNDING SUMMARY			
		Highway / Transit	FHWA	Highway / Transit	FHWA	LOCAL	NCDOT	FTA	LOCAL	NCDOT	LOCAL	NCDOT	FEDERAL	TOTAL	
		20%	80%	20%	80%	10%	10%	80%	50%	50%					
II-A	SURVEILLANCE OF CHANGE														
II-A-1	Traffic Volume Counts	13,000	52,000	-	-							13,000	-	52,000	65,000
II-A-2	Vehicle Miles of Travel	50	200	-	-							50	-	200	250
II-A-3	Street Systems Changes	-	-	-	-							-	-	-	-
II-A-4	Traffic Accidents	50	200	-	-							50	-	200	250
II-A-5	Transit System Data	100	400	600	2,400	1,200	1,200	9,600				1,900	1,200	12,400	15,500
II-A-6	Dwelling Unit, Pop. & Emp. Change	600	2,400	-	-							600	-	2,400	3,000
II-A-7	Air Travel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-8	Vehicle Occupancy Rates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-A-9	Travel Time Studies	50	200	-	-							50	-	200	250
II-A-10	Mapping	-	-	15,250	61,000							15,250	-	61,000	76,250
II-A-11	Central Area Parking Inventory	-	-	-	-							-	-	-	-
II-A-12	Bike & Ped. Facilities Inventory	800	3,200	-	-							800	-	3,200	4,000
II-B	LONG RANGE TRANSPORTATION PLANNING														
II-B-1	Collection of Base Year Data	-	-	-	-							-	-	-	-
II-B-2	Collection of Network Data	-	-	-	-							-	-	-	-
II-B-3	Travel Model Updates	100	400	-	-							100	-	400	500
II-B-4	Travel Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II-B-5	Forecast of Data to Horizon year	-	-	-	-							-	-	-	-
II-B-6	Community Goals & Objectives	2,000	8,000	-	-	400	400	3,200				2,400	400	11,200	14,000
II-B-7	Forecast of Future Travel Patterns	-	-	-	-							-	-	-	-
II-B-8	Capacity Deficiency Analysis	200	800	-	-							200	-	800	1,000
II-B-9	Highway Element of th L RTP	4,800	19,200	-	-							4,800	-	19,200	24,000
II-B-10	Transit Element of the L RTP	400	1,600	-	-	400	400	3,200				800	400	4,800	6,000
II-B-11	Bicycle & Ped. Element of the L RTP	4,000	16,000	-	-							4,000	-	16,000	20,000
II-B-12	Airport/Air Travel Element of L RTP	1,000	4,000	-	-							1,000	-	4,000	5,000
II-B-13	Collector Street Element of L RTP	600	2,400	-	-							600	-	2,400	3,000
II-B-14	Rail, Water or other mode of L RTP	1,500	6,000	-	-							1,500	-	6,000	7,500
II-B-15	Freight Movement/Mobility Planning	1,600	6,400	-	-							1,600	-	6,400	8,000
II-B-16	Financial Planning	400	1,600	-	-	800	800	6,400				1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	1,200	4,800	-	-							1,200	-	4,800	6,000
II-B-18	Air Qual. Planning/Conformity Anal.	-	-	-	-							-	-	-	-
III-A	PLANNING WORK PROGRAM	224	896	-	-							224	-	896	1,120
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	500	2,000	-	-							500	-	2,000	2,500
III-C	CVL RGTS, CMP, IOTR, REG, REGS.														
III-C-1	Title VI	100	400	-	-	800	800	6,400				900	800	6,800	8,500
III-C-2	Environmental Justice	200	800	-	-							200	-	800	1,000
III-C-3	Minority Business Enterprise	100	400	-	-	800	800	6,400				900	800	6,800	8,500
III-C-4	Planning for the Elderly & Disabled	50	200	-	-							50	-	200	250
III-C-5	Safety/Drug Control Planning	-	-	-	-							-	-	-	-
III-C-6	Public Involvement	1,000	4,000	-	-	800	800	6,400				1,800	800	10,400	13,000
III-C-7	Private Sector Participation	250	1,000	-	-							250	-	1,000	1,250
III-D	INCIDENTAL PLNG./PROJECT DEV.														
III-D-1	Transportation Enhancement Plng.	-	-	-	-							-	-	-	-
III-D-2	Enviro. Analysis & Pre-TIP Plng.	100	400	-	-							100	-	400	500
III-D-3	Special Studies	2,000	8,000	22,000	88,000							24,000	-	96,000	120,000
III-D-4	Regional or Statewide Planning	100	400	-	-							100	-	400	500
III-E	MANAGEMENT & OPERATIONS	33,570	134,281	85,688	342,751	4,136	4,136	33,086	61,800	61,800	185,194	4,136	571,918	761,247	
TOTALS		\$70,644	\$282,577	\$123,538	\$494,151	\$9,336	\$9,336	\$74,686	\$61,800	\$61,800	\$265,318	\$9,336	\$913,214	\$1,187,867	
		353,221		617,689		93,357			123,600						

Anticipated DBE Contracting Opportunities for FY 2021

Name of MPO: Wilmington Urban Area MPO

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

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
III-D-3	Special Studies	City of Wilmington	Consultant	\$40,000	\$50,000
III-D-3	Special Studies	City of Wilmington	Consultant	\$40,000	\$50,000
III-D-3	Special Studies	City of Wilmington	Consultant	\$8,000	\$10,000

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING THE FY 2021 UNIFIED PLANNING WORK PROGRAM
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING
ORGANIZATION**

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

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

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

WHEREAS, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2020-2021.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2020-2021 Planning Work Program for the Wilmington Urban Area.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 25, 2020.

I, _____, Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 25th day of March, 2020.

, Chair

Subscribed and sworn to me this the _____ day of _____, 2020.

Notary Public

My commission expires _____

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION CERTIFYING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION’S TRANSPORTATION PLANNING PROCESS**

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

WHEREAS, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 25th day of March, 2020.

, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 20-1 (January 2020)

EB-5600	SR 1219 (SOUTH 17TH STREET), HOSPITAL	CONSTRUCTION	FY 2022 - (BGANY) \$746,000
NEW HANOVER	PLAZA TO INDEPENDENCE BOULEVARD.		FY 2022 - (L) <u>\$187,000</u>
PROJ.CATEGORY	CONSTRUCT MULTITUSE PATH.		\$933,000
DIVISION	<u>TO BALANCE FUNDING, DELAY CONSTRUCTION</u>		
	<u>FROM FY 20 TO FY 22.</u>		

* R-3300B	US 17, NC 210 TO US 17 NORTH OF	ENGINEERING	FY 2021 - (T) \$172,000
PENDER	HAMPSTEAD.		FY 2022 - (T) \$172,000
PROJ.CATEGORY	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2023 - (T) \$172,000
REGIONAL			FY 2024 - (T) \$172,000
			FY 2025 - (T) \$172,000
			FY 2026 - (T) \$172,000
			FY 2027 - (T) \$172,000
			FY 2028 - (T) \$172,000
			FY 2029 - (T) \$172,000
			FY 2030 - (T) \$172,000
			FY 2031 - (T) \$172,000
			FY 2032 - (T) \$172,000
			POST YR- (T) \$516,000

	BUILD NC CONST		FY 2021 - (T) \$3,707,000
			FY 2022 - (T) \$3,707,000
			FY 2023 - (T) \$3,707,000
			FY 2024 - (T) \$3,707,000
			FY 2025 - (T) \$3,707,000
			FY 2026 - (T) \$3,707,000
			FY 2027 - (T) \$3,707,000
			FY 2028 - (T) \$3,707,000
			FY 2029 - (T) \$3,707,000
			FY 2030 - (T) \$3,707,000

	FY 2031 - (T)	\$3,707,000
	FY 2032 - (T)	\$3,707,000
	POST YR - (T)	\$11,121,000
	FY 2021 - (T)	\$12,800,000
	FY 2022 - (T)	\$12,800,000
	FY 2023 - <u>(T)</u>	<u>\$12,800,000</u>
		\$96,585,000

CONSTRUCTION

* TA-6700	CAPE FEAR PUBLIC TRANSPORTATION	OPERATIONS	FY 2020 - (BGDA)	\$150,000
NEW HANOVER	AUTHORITY, ADA		FY 2020 - (L)	<u>\$30,000</u>
PROJ.CATEGORY	<u>FUNDING ADDED AT THE REQUEST OF THE</u>			\$180,000
	<u>WILMINGTON MPO</u>			

* TG-6784	CAPE FEAR PUBLIC TRANSPORTATION	OPERATIONS	FY 2020 - (BGDA)	\$350,000
NEW HANOVER	AUTHORITY, PREVENTIVE		FY 2020 - <u>(L)</u>	<u>\$70,000</u>
PROJ.CATEGORY	MAINTENANCE <u>FUNDING ADDED AT THE</u>			\$420,000
	<u>REQUEST OF THE WILMINGTON MPO</u>			

WMPO Bicycle and Pedestrian Advisory Committee Model Electric Bicycle Ordinance

A. Applicability

- i. The provisions of this section shall apply to all public land and right of way.
- ii. It is at the discretion of the member jurisdiction to review and determine what public parks and gardens shall permit Class 1 Electric Bicycles to be ridden on paths and trails.

B. Definitions

- i. *Electric bicycle or electric-assist bicycle*: a bicycle that uses an electric component to augment human power.
- ii. *Class 1 Electric Bicycle*: a bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches a speed of 20 miles per hour or greater.
- iii. *Class 2 Electric Bicycle*: a bicycle that is equipped with a motor that may be used exclusively to propel the bicycle, and that is not capable of providing assistance when the bicycle reaches speeds of 20 miles per hour or greater.
- iv. *Class 3 Electric Bicycle*: a bicycle equipped with a motor that provides assistance only when the rider is pedaling, and that ceases to provide assistance when the bicycle reaches a speed of 28 miles per hour or greater, and is equipped with a speedometer.

C. Regulations pertaining to riding electric bicycles on public facilities

- i. Electric bicycles that are in class 1 are permitted to be ridden on designated off-road bicycle routes, designated park trails, and multiuse paths and greenways as well as the public roadway.
- ii. Electric bicycles are not permitted on any pedestrian designed facility including sidewalks and boardwalks, or on any ADA compliant facility.
- iii. Electric bicycles in class two and class three are not permitted to be ridden on any designated off-road bicycle route, in a public park or garden, or on a multiuse path. Electric assist bicycles in class two and class three are only permitted to be ridden on the public roadway, excluding fully controlled access highways.
- iv. Every person operating any form of electric bicycle shall wear a helmet or hard shell head cover secured to the head by a strap or retention device that complies with Federal Motor Vehicle Safety Standard 2018. The failure to wear a helmet shall be considered an infraction and is subject to a penalty of twenty five dollars and fifty cents (\$25.50) plus the following court costs.
- v. Every person operating any form of electric bicycle on the public right of way must follow all bicycling traffic laws provided in Chapter 20 of the North Carolina General Statutes.




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

December 13, 2019

MEMO TO: Transportation Advisory Committee (TAC) Chairs for
Metropolitan Planning Organizations (MPOs) and Rural Planning Organizations
(RPOs)

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

SUBJECT: Locally Administered STIP projects

NCDOT has encountered a number of issues that affected our budget; including storm costs that far exceeded expectations, Transportation Corridor Map Act settlements, and project cost increases. Due to these unanticipated impacts to our budget, NCDOT has delayed the right-of-way acquisition and construction of a number of projects along with pausing work on the planning/engineering work for over 800 projects being developed by NCDOT.

To make matters worse, Congress still has not passed an Appropriations Act to fund USDOT. The passage of an Appropriations Act would have made approximately \$1.1 B of federal transportation funding available to NCDOT at the beginning of fiscal year 2020 (October 1, 2019). Instead, the USDOT has been operating on Continuing Resolutions (CRs) since the beginning of the fiscal year and to date we have been given access to \$220 M in federal transportation funding. The current CR expires December 20, 2019, so, there will be even greater uncertainty about federal funding after that date unless Congress passes an Appropriations Act or another CR. Due to the uncertainty surrounding federal funding, NCDOT recently evaluated all locally administered STIP projects and suspended activities for many of those projects.

We are currently in the process of evaluating the 800 NCDOT managed projects that have been paused so that as our budget picture improves, we can begin work again in a logical order. We also wish to develop a strategy so that as Congress provides additional funding, work can begin on the federally funded locally administered projects in a logical order.

We are asking that each MPO or RPO that has locally administered STIP projects in their jurisdiction work with the local governments that are developing these projects to compile and provide information on these projects including their current status, budget information including anticipated payout by month, relative priority (if the PO desires), and any other pertinent information that would help us make decisions about re-starting these projects. We ask that you provide this information to the appropriate STIP Manager by January 31, 2020. For divisions 1 through 4 and 6, information should be provided to Leigh Wing; divisions 5 and 7 through 9, Mike Stanley; divisions 10 through 14, David Wasserman.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
SECRETARY OF TRANSPORTATION
1501 MAIL SERVICE CENTER
RALEIGH NC 27699-1501

Telephone: (919) 707-2800
Fax: (919) 733-9150
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 S. WILMINGTON ST.
RALEIGH NC 27601

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

RWL/va

cc: Jim Trogdon, III, P.E., Secretary of Transportation
David Howard, Chief Deputy Secretary
Julie White, Deputy Secretary for Multi-Modal Transportation
Tim Little, P.E., Chief Engineer
Ronnie Keeter, P.E., Eastern Deputy Chief Engineer
Louis Mitchell, P.E., Western Deputy Chief Engineer
Ron Hancock, P.E., Deputy Chief Engineer
Patrick Norman, P.E., Director of Highway Operations
Chris Werner, P.E., Director of Technical Services
Division Engineers

WILMINGTON URBAN AREA MPO
JANUARY 2020

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. The consultant completed the project cost estimates and alternative funding forecasts in June 2019. A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting and adopted a resolution endorsing the amended draft project lists in September 2019. In January 2019 the Board passed a resolution to include the estimated toll revenues for the Cape Fear Crossing project within the fiscally constrained projects list as a supported alternative form of funding.

Next Steps:

- Release of draft plan to public March 2020
- Adoption of final plan by November 2020

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 3 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 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: 16 total (New Hanover County 4, City of Wilmington 8, Carolina Beach 0, Leland 1, Navassa 0, and Pender County 2, Brunswick County 1) ; new 2 and ongoing 14

- Pender County Development Plan Reviews: 5 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 53 (6 new, 47 on-going)
- City of Wilmington Informal Reviews: 18 (5 new, 13 on-going)
- City of Wilmington Concept Reviews: 6 (5 new concept reviews- 1 on-going concept)
- COW Project Releases: 3 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– Winter 2019
- NCDOT final design approval and City to request Construction Funds Authorization – Spring 2020
- Begin Construction – Late 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:

- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4, 2018
- Davenport identified potential utility conflicts; The Town has authorized Level A – S.U.E. services to be performed to verify where conflicts exist; AECOM will revise plans to reflect any utility relocations that must be done; revised plans must then be approved by NCDOT.
- Supplemental underground utility conflict drawings were sent to Ron VanCleaf on September 30, 2019 and these drawings were approved on October 17, 2019.
- Supplemental Agreement #3 dated March 28, 2019 extends project completion deadline to July 1, 2020.
- On November 21, 2019, MPO requested DOT to issue Supplemental Agreement #4 to provide supplemental appropriation of federal funds for the additional amount of \$517,477 with an additional local match for the amount of \$129,370. The Town also requested an extension of the project completion deadline to June 30, 2021.
- Town sent the following documents to Ron VanCleaf on November 12, 2019: VCER-1 Form, NPDES Stormwater Certification, DOT Encroachment Agreement with plans. Waiting to receive signed encroachment agreement from DOT.
- Bid and award timeline will depend upon receipt of signed encroachment agreement and Supplemental Agreement #4; prefer to bid this and projects U-5534I, J and K at the same time.

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

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

Project Status and Next Steps:

- Plans approved 8/20/19
- Specification comments received 9/24/19;
- NCDOT approved final bid proposal on 12/23/19; still need Utility/RR cert
- Begin Construction – Spring 2020
- 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–Winter 2019
- Update/renew permits – Spring 2020
- NCDOT final design approval – Spring 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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– Winter 2019
- Update/renew permits – Spring 2020
- NCDOT final design approval – Spring 2020
- Right of way acquisition complete – Fall 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

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:

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by January 31, 2020.

- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; waiting to receive fully executed Agreement from DOT
- Let date will be set to match up with “J” and “K” projects after encroachment agreement and right of way certification is issued

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:

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by January 31, 2020.
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; waiting to receive fully executed Agreement from DOT
- Let date will be set to match up with “I” and “K” projects after encroachment agreement and right of way certification is issued

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:

- Right of way acquisition underway. Expect to complete acquisition of temporary and permanent easements by January 31, 2020.
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Revised 100% plans and specs sent to DOT for final review on December 23, 2019
- DOT issued Supplemental Agreement #3 on December 10, 2019 to extend completion deadline and provide additional funding; Town returned signed Agreement to DOT on December 19, 2019; waiting to receive fully executed Agreement from DOT
- Let date will be set to match up with “I” and “J” projects after encroachment agreement and right of way certification is issued

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:

- Construction 95% complete, closeout underway

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.
- NCDOT has indicated that the milling and resurfacing project is now on hold due to the cash flow issue.
- When NCDOT has provided a design for the ADA ramp resolution, the City will restart the design process to reflect NCDOT's approach. The City will request that pavement markings and loop placement for the milling and resurfacing be completed in a manner that will allow the City to place a new marked crossing without further disturbance to the markings or signal detection.

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:

- Project is ready for bidding and construction. Plans and PCE have been approved. The contract documents have been approved.
- Anticipated Let Date: Funds have been frozen. Ready to request authorization for funding and bidding.

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:

- Bid opening was held on August 15, 2019
- Concurrence of Award has been received
- Preconstruction Meeting held on 10/7/19
- Construction began on 11/18/19
- Equipment has been installed at the intersections and on WFD's apparatus and vehicles. Should be operational by the end of January. Waiting on GTT to provide some training for traffic engineering staff and WFD.

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:

- 30% Plans submitted to Town December 13, 2019 from PEF. Town to upload to EBS.
- Right-of-Way funding request is anticipated in May 2020
- Construction Funding is anticipated in FY2021

EB-6025- TOWN OF BELVILLE- 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:

- The agreements have been executed
- The Town is working on request for six-month extension on due date for PE funds and Letter of Interest due to NCDOT placing funding on hold.

U-6234 Multimodal Phase 1 B

Project Description/Scope: Rehabilitation of the historic structure located at 525 N 4th Street for a transportation purpose

Project Status and Next Steps:

- Agreement has been approved.
- The MPO is waiting on PE Authorization
- RFLOI to be sent as soon as PE Authorization is approved.

U-6235 – City of Wilmington/New Hanover County – Signal Pre-emption Phase 2

Project Description/Scope: The project will install traffic pre-emption equipment at 50 locations throughout the City of Wilmington and New Hanover County and GPS equipment on emergency response vehicles.

Project Status and Next Steps:

- Waiting on agreement amendment from NHRMC before sending to NCDOT for their approval.

U-6236 – Wrightsville Beach – West Salisbury Street Streetscape

Project Description/Scope: Streetscape of West Salisbury for approximately a .17-mile section from the east side of the Banks Channel waterway bridge through the North Lumina Avenue/West Salisbury Street intersection. This project includes sidewalk widening, revised parking spaces, ADA ramps and visible, signalized crosswalks, sharrows, additional pavement markings and bicycle racks.

Project Status and Next Steps:

- The Town will construct using Town funds and has requested the project be removed from the STIP/MTIP

U-6039 – Carolina Beach – St. Joseph Bike Lanes

Project Description/Scope: Construct Bike Lanes along St. Joseph Avenue and Lewis Drive from Lake Park Boulevard to Access Drive in Carolina Beach

Project Status and Next Steps:

- TIP number has been entered. Town to upload information in EBS to request agreement.

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:

- Under construction

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:

- R/W Certification received July 1, 2019
- Utility/RR Cert & Engineers estimate submitted September 17, 2019
- Specifications and final plan comments being addressed
- Anticipated construction bid January 2020

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 agreements have been executed
- The Town is working on request for six-month extension on due date for PE funds and Letter of Interest due to NCDOT placing funding on hold.

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:

- The agreements have been signed
- PE funds have been authorized
- SEPI has been approved in EBS as the selected firm- contract routed for signature

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:

- The firm has been approved by NCDOT
- Request for a cost estimate was sent on December 23, 2019

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:

- The Town is no longer pursuing this project and have requested it to be removed from the STIP/MTIP

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. Report complete and presenting to WMPO Board. PDF version of the report will be posted on GoCoastNC.org
2. **Bike Share**
 - a. Currently exploring options and opportunities for a bike share program in Wilmington
3. **New Go Coast Website**
 - a. New website www.GoCoastNC.org live on January 6, 2020. TDM Coordinator will post weekly on social media to drive traffic to the site.
4. **Social Media**
 - a. Posting at least three times per week
5. **Share the Ride NC**
 - a. NCDOT re-selected Ride Shark to host the Share The Ride NC platform. TDM Coordinators across the state will be trained on the updated features.
6. **Scooters**
 - a. Waiting on the NC General Assembly to pass bill 553 which defines an electric scooter and will help determine where scooters can be ridden.
7. **Writing a model ordinance for regulation of electric bicycles**
 - a. Working with the WMPO Bicycle Pedestrian Advisory Committee to create this model ordinance. The draft ordinance will be reviewed by the TCC.
8. **Completed TDM portion of the Metropolitan Transportation Plan**

- a. Developing a short range plan from the strategies in the MTP
- 9. **Next Go Coast Committee Meeting February 20th at 3pm at 305 Chestnut Street**



Cape Fear Public Transportation Authority

Project Update

January 2020

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. Four buses were delivered in June 2019 and three were delivered in September 2019. All seven vehicles have been delivered and placed into revenue service. The replacement bus project is complete.

On February 28, 2019 the Authority authorized \$879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. The trolleys were delivered in November 2019 and placed into revenue service shortly after delivery. The vehicles have shown a significant boost in trolley ridership over the short time that they have been in service. The bus trolley project is complete.

The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. All four vehicles were delivered in November 2019 and are undergoing technology implementation. The vehicles are also in the process of decaling. Implementation of the vehicles in regular service is expected in January 2020. The shuttle bus project is complete.

Five paratransit vehicles, ordered in 2018, were delivered in April 2019 and have been placed into revenue service. The Paratransit vehicle project is complete.

Additional funding for four buses has been requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. An application for four (4) CNG buses was submitted in response to the RFP. Phase one VW settlement project awards are expected to be announced in early 2020.

- 2. Short Range Transportation Plan** - following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit completed 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 also includes 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 was a focus of the plan. A key component of the plan was extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard served as the principal consultant leading the project.

The SRTP was adopted by the Authority Board in 2018 and is available at the following URL:

<https://www.wavetransit.com/short-range-transit-plan/>.

A resolution supporting the revenue neutral recommendations of the plan was adopted on August 22, 2019. Revenue neutral changes recommended in the plan will be implemented on Saturday January 18, 2020 following the dedication of Padgett Station. Funding for additional improvements is ongoing. The SRTP project will be complete upon implementation of the revenue neutral modifications. Should additional funding for service expansion be identified, they will be appropriated based on data outlined in the plan.

3. **Long Term Funding** - 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 was commissioned by the City of Wilmington and New Hanover County. TransPro Consulting presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners in 2018. One of the recommendations from the study was implementation of a dedicated source of funding for the Cape Fear Public Transportation Authority.

On March 28, 2019 the Authority Board unanimously adopted a resolution requesting the New Hanover County Board of Commissioners implement a countywide vehicle registration fee pursuant to NCGS Chapter 105 Article 52 with the proceeds benefiting public transportation in New Hanover County. NHC has not formally considered the request.

On October 21, 2020, the New Hanover County Board of Commissioners voted 3-2 to end financial support of the Cape Fear Public Transportation Authority effective July 01, 2021. The Chairman of the Authority has appointed a local funding committee to address funding issues beginning in FY 2022. To meet current funding challenges, Wave Transit will reduce weekday service hours by one hour per day and Saturday service by six hours per week beginning Monday, January 06, 2020. Absent additional funding, more significant reductions in transit service throughout the region will be necessary.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center** -

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 is complete.

Phase 3A (final phase) consisting of sitework is complete.

Renovation construction of the Neuwirth Building began on December 03, 2018. The project is complete. Although a certificate of occupancy had not been awarded at the time of this report, all oversight agencies have stated that the facility meets compliance and a CO is expected in early January, 2020. The Wilmington Multimodal Transportation Center, Laura W. Padgett Station will be dedicated at 1:00 pm on Friday, January 17, 2020. Transit service from the station will commence on Saturday, January 18, 2020. The project was completed with available revenues and within budget.

2. STBGP-DA FUNDING FY 2021

On August 07, 2019, the WMPO authorized \$500,000 in STBGP-DA funding for capitalized preventive maintenance and Americans with Disabilities Act compliance funding for FY 2020. In October 2019, the Authority provided 2,412 ADA passenger trips with the allocated funding. Preventive maintenance activities were undertaken in accordance with the appropriated funding.

Projects in Development									
Project Manager	TIP	PO	Description	ROW	Delay (Years) From Draft ROW	LET	Delay (Years) from Draft CON	SAP Let Date	Comment*
Mike Bass	U-5710A	WMPO	US 74 (Eastwood Road) - construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	IP		2020		4/16/2020	Postponed from January to April
Eric Murray	W-5601DH	WMPO	3rd St and Dock St Intersection	IP		2020	1	7/17/2020	Awarding has been delayed 1 year
Trace Howell	R-3300B	WMPO/CFRPO	Hampstead Bypass	IP		2021		9/15/2020	
Trace Howell	R-3300A	WMPO	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	IP		2023	2	9/20/2020	
Eric Murray	W-5703C	WMPO	Monkey Junction Pedestrian Improvements	TBD		2021		11/19/2020	
Derek Pielech	B-4590	WMPO	Replace Bridge 29 on Cornelius Harnett Dr/Castle Hayne Rd over Smith Creek	IP		2021	1	4/15/2021	12MLL 1 year Delay
Eric Murray	U-5914	WMPO	Widen NC 133 from US 17/74/76 to Old River Rd	IP		2020	1	6/17/2021	12MLL 1 year Delay
Central	15bpr.19	WMPO	New Hanover 21 on US 76 over Banks Channel	TBD		2022	1	9/1/2021	
Krista Kimmel	U-5926	WMPO	New Route from 23rd St to 26th St	2020		2022		6/21/2022	PE Resumes in January
Brian Harding	U-5729	WMPO	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	IP		2023		7/19/2022	PE Resumes in January
TBD	W-5703R	WMPO	NC 132 (South College Rd) and Braggs Drive turn lanes	2022		2022		9/15/2022	PE Resumes in January
Mike Bass	U-5710	WMPO	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	IP		2023	1	9/20/2022	PE Resumes in January
Krista Kimmel	U-3338C	WMPO	Kerr Ave Interchange at MLK	IP		2023	3	12/20/2022	PE, Utility Design, and Appraisals Resuming; ROW Acquisition beginning April 2020
Brian Harding	U-5863	WMPO	NC 133 - Castle Hayne Rd from I-140 to Division Dr	2021		2024		10/17/2023	
Trace Howell	U-5790	WMPO	Monkey Junction Interchange	2022		2024		4/16/2024	
Brian Harding	U-5731	WMPO	US 74 at US 17/US 421 Flyover	2020		2024	1	5/21/2024	PE Resumes in January
Krista Kimmel	U-4902C	WMPO	US 17 Bus - Market St Median & Interchange	IP		2024	4	6/18/2024	PE Resumes in January
Brian Harding	U-5954	WMPO	NC 133 at 23rd St Roundabout	2022		2024		6/18/2024	
Krista Kimmel	U-4902B	WMPO	US 17 Bus - Market St Median - Railroad to MLK	IP		2025		12/17/2024	
Krista Kimmel	U-4434	WMPO	Independence Boulevard Extension	2022		2025		6/17/2025	
Lydia	I-6038	WMPO	I-140 from US 421 to US74/US76 pavement rehab	N/A		2026		11/17/2025	
Lydia	I-6037	WMPO	I-140 from US 421 to I-40 pavement and bridge rehab	N/A		2026		2/17/2026	
Trace Howell	U-5704	WMPO	US 17 (Oleander) at College	2023	1	2026	1	6/16/2026	
Trace Howell	U-5792	WMPO	MLK at College	2024	2	2026	2	6/16/2026	Let with U-5881
Trace Howell	U-5702A	WMPO	College Rd from New Centre to Shipyard	2023	1	2026	1	6/16/2026	
Trace Howell	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project	IP		2027	4	9/15/2026	
None	U-6199	WMPO	Wilmington Citywide Signal System Upgrade	2025		2027		6/15/2027	
Krista Kimmel	U-6201	WMPO	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	2025		2027		6/17/2027	
Brian Harding	U-5734	WMPO	US 421 Front St Widening	2025	2	2028	3	5/16/2028	
Trace Howell	U-5881	WMPO	College Rd from Gordon Rd to New Centre	2025	3	2028	3	6/20/2028	Let with U-5792
Trace Howell	U-5732A	WMPO/CFRPO	Dan Owen Connector	2017		2019		CSF (Now)	Construction By State Forces
Krista Kimmel	U-6080	WMPO	Kerr Ave Widening from Patrick to Wrightsville	N/A		N/A		N/A	Removed From STIP
Brian Harding	U-6083	WMPO	23rd St widening from MLK to NC 133	N/A		N/A		N/A	Removed From STIP
Krista Kimmel	U-4738A	WMPO	Cape Fear Crossing (US 17 to NC 133)	2028		PY		PY	
Krista Kimmel	U-4738B	WMPO	Cape Fear Crossing (NC 133 to US 421)	PY		PY		PY	
Brian Harding	U-6128	WMPO	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts	2029		PY		PY	
Brian Harding	U-6202	WMPO	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	2025		PY		PY	
Trace Howell	U-5702B	WMPO	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	2025		PY	1	PY	

Project is on hold	
Exception Granted	
Suspension Lifted	

Date Completed:

1/3/2020

PO:

WMPO

Contact:

910-341-2000

cmmarks@ncdot.gov

Projects Under Construction							
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete	Comment
DC00258	Daniel Waugh		Pender	Hoover Rd (SR 1569) Pipe Replacements	Nov-19	100.00%	
DC00218	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Feb-20	92.84%	
DC00274	Alex Stewart	N/A	New Hanover	New Hanover Hurricane Pipe Replacement (Group E)	Mar-20	0%	Availability: January 6, 2020
C204282	Alex Stewart	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Apr-20	53.93%	
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson		May-20	49.92%	
		2019 TAP Curb Ramp					
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jun-20	87.24%	
DC00268	TBD	I-5760A	New Hanover	I-140 from I-40 to US 421 Open Grated Friction Course	Aug-20	0%	Availability: March 2, 2020
C204203	Wayne Currie	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21	24.93%	
DC00265	TBD	N/A	; Duplin, New Hanover, Pender, Long Line Pavement Marking		Nov-21	0%	Availability: June 1, 2020
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Apr-22	27.42%	
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	12.26%	
TBD	Alex Stewart	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD	
TBD	Alex Stewart	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD	
TBD	Alex Stewart	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
C204135	2018	✓ Hanover/Brunswick	Lydia McKeel	N/A	WMPO	0	US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)	May-20	68.53%



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 2020

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

JANUARY TPD UPDATES WILMINGTON MPO

JANUARY 2020

New Business:

Brunswick County Model: Waiting on RPO to confirm Future Year Highway Network. Once that is finalized, the engineers and modeler will run the FY Network Model and finish out the documentation. Soon after documentation is completed, the CTP will start.

Wilmington Model: The Wilmington MPO has reached out to NCDOT's Transportation Planning Division and requested a FY Build and No Build run of the Wilmington Model. This will allow the MPO to visualize traffic trends in the future with the projects that are being recommended in the MTP. The modeler and engineer are working on incorporating the FY project alternatives for the model run. Once everything is properly incorporated, the engineer and modeler will run a few scenarios and send the results to the MPO.

NCMOVES 2050: Phase II of the NC Moves 2050 study looked at 4 potential futures of transportation in NC. Phase III will look at what the transportation system will need in 10- and 30- year time periods to identify sources of funding. We are now in Future Needs task of the project which focuses on big-picture solutions rather than specific projects. For further information and upcoming events, subscribe to the NCMoves 2050 newsletter. Contact Nastasha Earle if you are interested in the subscription.

2020 Watch for Me NC Program: NC communities interested in participating in the 2020 Watch for Me NC safety program may now submit applications to NC Department of

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

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

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

Transportation. The program focuses on bicycle and pedestrian safety, education and enforcement. For more information, go to: www.watchformenc.org

NCDOT Centralized Traffic Signal Wins National Award: The NC Department of Transportation has won a national award for modernizing and centralizing many of its traffic signals in smaller towns and rural areas across the state.

Traffic Forecast Updates: in the Wilmington MPO Area, here are some TF updates:

1. **U-4738 Brunswick New_Hanover Cape Fear Crossing** 40114.1.2; TIP: U-4738;
Assigned to: HNTB; Due date/status: **TBD**
2. **R-5850 Pender NC 53 US 117 to Stag Park Rd** H150503 34263.1.1; TIP: U-5850;
Assigned to: Arcadis; Due date/status: **December 16, 2019**