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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: September 6, 2018
SUBJECT: September 12th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, September 12th at 10 am. The meeting will be held in the New Hanover County Library, Harnett Room located at 201 North 3rd Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentations
 - a. Carolina Beach Pedestrian Plan- Ed Parvin, Town of Carolina Beach
 - b. Commuter Friendly Employer Program- Nick Cannon, WMPO
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- August 15, 2018
 - b. Resolution adopting the Town of Carolina Beach's Pedestrian Plan
 - c. Resolution accepting donations for the Go Coast 2018 Commuter Challenge
 - d. Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's Go Coast Commuter Friendly Employer Program
 - e. Opening of the 30-day public comment period for the 2018-2027 STIP/MPO TIP Amendments # 18-5
- 5) Discussion
 - a. Division Needs Tier Local Input Point Assignment
 - b. Transportation Alternatives- Set Aside Direct Attributable Funds Call for Projects
 - c. Go Coast 2018 Commuter Challenge
 - d. 2018-2027 STIP/MPO TIP Modifications # 18-8
- 6) Updates
 - a. Crossing over the Cape Fear River
 - b. Wilmington Urban Area MPO
 - c. Cape Fear Moving Forward 2045 Transportation Plan
 - d. Cape Fear Public Transportation Authority
 - e. NCDOT Division
 - f. NCDOT Transportation Planning Division

Wilmington Urban Area Metropolitan Planning Organization

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

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- 7) Announcements
 - a. Bike/Pedestrian Committee Meeting- October 9th
 - 8) Next meeting- October 17, 2018

Attachments:

- TCC Meeting Minutes- August 15, 2018
- http://cms4.revize.com/revize/carolinabeach/Carolina%20Beach%20Report_Final_forPrint_051418.pdf
- Resolution adopting the Town of Carolina Beach's Pedestrian Plan
- 2018 Go Coast Commuter Challenge Donations Memorandum
- Resolution accepting donations for the Go Coast 2018 Commuter Challenge
- Go Coast Commuter Friendly Employer Program Criteria
- Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's Go Coast Commuter Friendly Employer Program
- Proposed 2018-2027 STIP/MPO TIP Amendments # 18-5
- Draft Division Needs Tier Local Input Point Assignment
- Go Coast 2018 Commuter Challenge Posters
- Proposed 2018-2027 STIP/MPO TIP Modifications # 18-8
- Cape Fear River Crossing Update (September)
- Wilmington MPO Project Update (September)
- Cape Fear Public Transportation Authority Update (September)
- NCDOT Division Project Update (September)
- NCDOT Transportation Planning Division Project Update (September)

**Wilmington Urban Area
Technical Coordinating Committee
Wednesday, August 15, 2018
Meeting Minutes**

Members Present:

Mike Kozlosky, Wilmington MPO
Don Bennett, City of Wilmington
Nick Cannon, Wilmington MPO
Ed Parvin, Town of Carolina Beach
Danielle Villegas, Town of
Wrightsville Beach
Ken Vafier, New Hanover County
Athina Williams, Town of Belville
Andrew Neylon, Town of Leland
Barnes Sutton, Town of Navassa

Helen Bunch, Brunswick County
Pat O'Mahoney, Pender County
Allen Serkin, Cape Fear Council of
Governments
Benjamin Hughes, NCDOT Division
of Highways
Nazia Sarder, NCDOT Planning
Megan Matheny, Cape Fear Public
Transportation Authority

1. Call to Order

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

2. Approval of Agenda

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

3. Consent Agenda

- a. **Approval of TCC Meeting Minutes – July 11, 2018**
- b. **Resolution Approving 2018-2027 STIP/MPO TIP Administrative Modification #18-7**
- c. **Resolution Approving 2018-2027 STIP/MPO TIP Amendment #18-3**
- d. **Opening of the 30-day Public Comment Period for 2018-2027 STIP/MPO TIP Amendment #18-4**

Mr. Vafier made a motion to approve the Consent Agenda, Items 3a through 3d, and to forward the Items to the MPO Board for consideration. Mr. Parvin seconded the motion and it carried unanimously.

4. Regular Agenda

- a. **Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee's Draft Model Bike Parking Ordinance**

Ms. Lorenzo stated that the draft model bike parking ordinance was developed by the MPO's Bicycle and Pedestrian Advisory Committee and staff. She noted that the ordinance is merely a model designed as a resource for member jurisdictions for those considering bicycle parking requirements. She added that the Bicycle and Pedestrian Advisory Committee determined the need and directed staff to research urban and rural bicycle parking needs across North Carolina and nationwide. She noted that TCC members reviewed and provided comments on the findings.

Mr. Bennett suggested that bicycle parking be reduced to a distance of 100 feet from a main entrance instead of 200 feet.

Ms. Matheny inquired about integration of bicycle parking recommendations with those for bike share. Ms. Lorenzo responded that both recommendations are optional.

Mr. Vafier requested an amendment to clarify the fifth “whereas” of the Resolution as follows:

“Representatives from the TCC developed these standards and language as a model ordinance to be used as a resource for member jurisdictions.”

Mr. Serkin inquired about bicycle parking being allowed to reduce vehicle parking. Ms. Lorenzo responded that some jurisdictions have such policies. However, the Committee did not discuss this topic.

Following further discussion, Mr. Vafier made a motion to approve as amended the Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee’s Draft Model Bike Parking Ordinance. Ms. Bunch seconded the motion, and it carried unanimously.

5. Discussion

a. Cape Fear Moving Forward 2045 Preliminary Public Comment Results and Project Submittals

Mr. Lorenzo reminded members that public outreach for the development of Cape Fear Moving Forward 2045, which began in the spring, closed on July 31st.

Mr. Madsen stated that the public input map received 563 comments and 4,554 likes on the comments, surveys totaled 2,287, for a grand total of 7,400 responses.

Ms. Lorenzo stated that staff is in the process of analyzing the data and pulling projects from the comments for the modal project lists. She noted that staff will bring a final presentation on the results to the TCC in September. She added that the modal subcommittees have been meeting and are in the process of developing modal goals and objectives, and will develop scoring criteria and project lists later this fall. She expressed appreciation to member jurisdictions for submitting projects and for promoting public input.

6. Updates

Mr. Kozlosky reminded members that the updates are included in the agenda packet.

7. Announcements

Mr. Kozlosky stated that the next meeting of the TCC will be held September 12th. By that time, the projects that scored at the Regional Tier level are anticipated to be known, and discussion will begin on the Division Needs Tier Local Input Point Allocation. Additionally, presentations on College Road, and MTP public outreach will be given.

8. Adjournment

With no further items, the meeting was adjourned at 10:12 a.m.

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE TOWN OF CAROLINA BEACH PEDESTRIAN PLAN

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 Town of Carolina Beach was awarded a grant from the North Carolina Department of Transportation to fund the preparation of the Town's first comprehensive pedestrian plan; and

WHEREAS, the creation of the plan seeks to improve safety, encourage alternative forms of transportation, stimulate economic development, create opportunities for active and healthy lifestyles, enhance the overall quality of life and improve the Town's chances to qualify for funding opportunities to design and construct pedestrian paths; and

WHEREAS, the plan is intended to assist the Town in guiding the policies for pedestrian transportation issues to include pedestrian transportation development, capital improvements, future Town Ordinance amendments and general guidance for facility design; and

WHEREAS, the planning effort began in May 2017 and the culmination of this planning effort is the final plan and report; and

WHEREAS, the Carolina Beach Town Council adopted the Town of Carolina Beach Pedestrian Plan on June 12th, 2018.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the Town of Carolina Beach Pedestrian Plan.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 18, 2018.

David Piepmeyer, Chair

Mike Kozlosky, Secretary



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MEMORANDUM

To: Wilmington Urban Area Metropolitan Planning Organization Board
From: Nick Cannon, Transportation Demand Management Coordinator
Date: September 18, 2018
Subject: Sponsorship for the 2018 Go Coast Commuter Challenge

The WMPO's Go Coast Program will hold its third annual Go Coast Commuter Challenge from October 1 to 26, 2018. Each year, local businesses in the Cape Fear Region donate items to the Go Coast Program to be given as prizes to top participants in the Commuter Challenge. This year, eleven businesses are sponsoring the prizes for a total of \$845 in donations towards this event. The following businesses are donating gift cards, merchandise, or vouchers worth the specified dollar amount:

Business	Dollar Amount of Donation
Trader Joe's	\$30
Devon Keeler	\$200
Whole Foods	\$30
Hook, Line, and Paddle	\$50
Hampton Inn University Area	\$100
Carolina Ale House	\$100
Coastal Car Wash of Monkey Junction	\$25
Ogden Taproom	\$100
Thalian Hall	\$50
Cast Iron Kitchen	\$60
Two Wheeler Dealer	\$100

Wilmington Urban Area Metropolitan Planning Organization

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County of Pender • Cape Fear Public Transportation Authority • North Carolina Department of Transportation

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ACCEPTING DONATIONS FOR THE WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION'S 2018 GO COAST COMMUTER
CHALLENGE**

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 Wilmington Urban Area Metropolitan Planning Organization's Cape Fear Transportation 2040 Plan includes a Transportation Demand Management element; and

WHEREAS, on January 28, 2015 the Board of the Wilmington Urban Area Metropolitan Planning Organization adopted *Work Cape Fear: Expanding Commuter Options in the Cape Fear Region*; and

WHEREAS, a goal of this plan is to mitigate the growth in traffic congestion and increase the ease of commuting; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and Go Coast Committee plan to hold the third annual Go Coast Commuter Challenge to encourage and incentivize citizens in the Cape Fear region to use alternative modes of transportation for daily activities; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has partnered with local businesses to receive donations in the form of prizes for top participants in the 2018 Go Coast Commuter Challenge.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the acceptance of donations in the amount of \$845 for the 2018 Go Coast Commuter Challenge.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 18, 2018.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Go Coast Commuter Friendly Employer Program

Go Coast Commuter Friendly Employers have resources that may provide opportunities for employees to reduce the number of VMT (Vehicle Miles Traveled) for purposes of work. These resources enhance the commuter experience by decreasing the amount of time that a single occupancy vehicle is on the road. Commuter Friendly Employers will be recognized on the Go Coast website and in Go Coast publishing's and newsletters. Receiving a Go Coast Commuter Friendly Employer designation can be a useful opportunity to attract and retain employees, to work towards internal goals for sustainability and health, and to enhance employee culture.

An employer can receive three possible levels of Go Coast Commuter Friendly Employer. Bronze, Silver, and Gold. Each category expands upon the one before and include an increasing number of programs and services provided by the employer to its employees. An employer can receive a commuter friendly designation by completing the Go Coast Commuter Friendly Employee Application and sending it electronically to GoCoast@wilmingtonnc.gov.

Bronze Level Go Coast Commuter Friendly Employers meet at least one of the following criteria:

- Has at least one employee who serves on the Go Coast Committee and attends at least 50% of the Go Coast Committee meetings either in person or by conference call
- Promotes Go Coast events and services to employees such as the Go Coast Commuter Challenge and Go Coast Bike To Work Week, and Share The Ride NC

Silver Level Go Coast Commuter Friendly Employers meet at least two of the following criteria *and* one of the Bronze Level Criteria:

- Provides priority parking for carpoolers or vanpoolers in designated parking lots
- Promotes Share The Ride NC to employees
 - Provides STRNC website link on website and in other direct forms of commutation with employees
- Includes Go Coast efforts in new employee orientations
 - STRNC
 - Bicycle maps
 - Wave Transit maps
 - In-person presentation by the WMPO Transportation Demand Management Coordinator
- Has facilities such as dining, child care, or an exercise gym on worksite

- Provides facilities for active and sustainable transportation such as bicycle racks, skateboard racks, and electric vehicle stations on worksite

Gold Level Go Coast Commuter Friendly Employers meet at least one of the following criteria *and* two of the Silver Level criteria *and* one of the bronze level criteria:

- Offers Alternative Work Schedules to employees
 - An Alternative Work Schedule is a schedule that allows the employee to work outside of typical business hours in the hopes to meditate traffic congestion during peak traffic times. The employee can offer one of the following:
 - Flextime: allows employees some flexibility in their daily work schedules. This may follow a 5 day work week but allows the employee to work, for example, 7:00am-4:00pm or 9:00am-6:00pm
 - Compressed Work Week: allows employees to work fewer days but longer hours each day to follow at 40 hour work week. Common examples are four ten hour days, or four nine hour days and one 4 hour day.
 - Staggered shift: reduces the number of employees arriving and leaving at a worksite at one time beginning and ending shifts at different times. An example would be having a third of employees each work 7:00am-4:00pm, 8:00am-5:00pm, and 9:00am-6:00pm. Staggered shifts are created by the employer
- Offers Telework/Telecommute to employees when viable. Telework/Telecommute allows the employee to work from home on designated days. An example would be one day a week or one day every other week the employee is able to work from their home. This option omits a vehicle on the road at all.
- Provides alternative forms of transportation available for employee use such as shuttles, bicycles, park and ride lots, or electric vehicles on the employee site
- Subsidizes public transportation fees for employees or provides other financial benefits for employees who participate in active transportation
- Offers a parking cash-out: this option enables the employee to trade free parking for its cash equivalent or a percentage of its equivalent

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ENDORSING THE CREATION
OF THE GO COAST COMMUTER FRIENDLY EMPLOYER PROGRAM**

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 Wilmington Urban Area Metropolitan Planning Organization's Cape Fear Transportation 2040 Plan includes a Transportation Demand Management element; and

WHEREAS, on January 28, 2015 the Board of the Wilmington Urban Area Metropolitan Planning Organization adopted *Work Cape Fear: Expanding Commuter Options in the Cape Fear Region*; and

WHEREAS, one of the high priority recommendations was to hire a full-time Transportation Demand Management Coordinator which occurred in 2016; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and Transportation Demand Management Program Committee adopted the "Go Coast" brand to work with the region's employers and stakeholders to help serve the transportation needs of the community; and

WHEREAS, the Go Coast Committee desires to implement a Go Coast Commuter Friendly Employer Program to recognize employers who encourage and enable employees to reduce the number of VMT (Vehicle Miles Traveled) for the purposes of work; and

WHEREAS, the Go Coast Committee has developed criteria by which employers may receive a Go Coast Commuter Friendly Employer designation and three levels that may be achieved.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the creation of the Go Coast Commuter Friendly Employer Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 18, 2018.

David Piepmeyer, Chair

Mike Kozlosky, Secretary

Proposed Amendments to the 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #18-05
(September 2018)

F-5705 BRUNSWICK NEW HANOVER PROJ.CATEGORY REGIONAL	SOUTHPORT-FORT FISHER, SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY. <u>PROGRAMMED FOR PLANNING AND</u> <u>ENVIRONMENTAL STUDY ONLY TO EXPEDITE</u> <u>DELIVERY OF NEW STI PROJECT.</u>		
F-5707 BRUNSWICK NEW HANOVER PROJ.CATEGORY REGIONAL	SOUTHPORT - FORT FISHER, CONSTRUCT MOORING FACILITIES. <u>PROGRAMMED FOR PLANNING AND</u> <u>ENVIRONMENTAL STUDY ONLY TO EXPEDITE</u> <u>DELIVERY OF NEW STI PROJECT.</u>		
* U-6128 NEW HANOVER PROJ.CATEGORY REGIONAL	US 76 (OLEANDER DRIVE), GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION. <u>PROGRAMMED FOR PLANNING AND</u> <u>ENVIRONMENTAL STUDY ONLY TO EXPEDITE</u> <u>DELIVERY OF NEW STI PROJECT.</u>		
* AV-5797 NEW HANOVER PROJ.CATEGORY STATEWIDE	WILMINGTON INTERNATIONAL (ILM), VARIOUS IMPROVEMENTS. <u>DELETE AT THE REQUEST OF MPO.</u>	CONSTRUCTION	FY 2026 - \$500,000 (T) \$500,000

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																				
Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
H129646	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	US 17 in Brunswick County	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	5 - Construct Roadway on New Location	\$ 838,190,000	68.77	44.03	34.08	84.08	100	100	25	100	409.08		*Points placed on H129646-A and H129646-B
H129646-A	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	US 17 in Brunswick County	NC 133	Construct Freeway on New Location	5 - Construct Roadway on New Location	\$ 226,311,400	68.77	44.03	34.08	84.08	100	100	25	100	409.08	100	
H129646-B	Highway	U-4738	Statewide Mobility	New Route - Cape Fear Crossings	NC 133	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	5 - Construct Roadway on New Location	\$ 611,878,600	68.77	44.03	34.08	84.08	100	100	25	100	409.08	100	
H1171924	Highway	U-4738	Statewide Mobility	US 17 (Ocean Highway), US 74, US 421 (Carolina Beach Rd), US 117 (Shipyard Boulevard), US 17 BUS - Cape Fear Crossings	US 117 (Shipyard Boulevard)	I-140 Wilmington Bypass	Upgrade existing facilities to provide additional mobility and access between New Hanover and Brunswick Counties and to the NC Port of Wilmington	6 - Widen Existing Roadway and Construct Part on New Location	\$ 1,152,000,000	63.82	40.18	30.84							405.84	*Points placed on H129646-A and H129646-B
T130053	Transit		Division Needs	Wilmington-Multimodal Facility - Phase 1B			Thomas Grocery bldg for retail/offices (Phase 1B), including office/meeting space (with a transportation purpose) for Wilmington Urban Area MPO. Upfit of Mountainville bldg road	8 - Facility - Administrative	\$ 132,728	N/A	N/A	15.29						365.29	100	
H170214	Highway	U-5863	Regional Impact	NC 133 (Castle Hayne Road)	I-140, US 17 (Wilmington Bypass)	Holly Shelter Road	Widen road to 3-lanes	1 - Widen Existing Roadway	\$ 29,700,000	N/A	41.44	32.17	82.17	100	100	50	0	332.17	100	
H090360	Highway		Regional Impact	NC 133 (Castle Hayne Road)	I-140, US 17 (Wilmington Bypass)	SR 1002 (Holly Shelter Road)	Widen to multi-lanes	1 - Widen Existing Roadway	\$ 33,000,000	N/A	26.14	20.87	70.87	100	100	50	0	320.87		
H090721	Highway	U-6083	Division Needs	North 23rd Street	US 74 (Martin Luther King, Jr. Parkway)	NC 133 (Castle Hayne Road)	Widen North 23rd Street from US 74 (Martin Luther King, Jr. Parkway) to NC 133 (Castle Hayne Road)	1 - Widen Existing Roadway	\$ 10,100,000	N/A	N/A	17.60	67.60	100	100	50	0	317.60	100	
H090287-AG	Highway	R-4462	Statewide Mobility	US 74, US 76	NC 87 (Macon Road)	SR 1426 (Mount Misery Road)	Upgrade Roadway to Interstate Standards	2 - Upgrade Arterial to Freeway/Expressway	\$ 304,000,000	62.21	36.35	24.70	74.70	100	100	25	0	299.70	100	*Possible point share with CFRPO? 89% within WMPO area

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																				
Local Input Criteria																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description of the Project	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
R150532	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Burgaw to the Castle Hayne (phase 2) per Bender Co. CDP Construction	Freight rail infrastructure improvement or construction	\$ 80,900,000	11.63	2.62	3.92	53.92	0	50	25	100	228.92		*Points placed on R140031
H170222	Highway		Statewide Mobility	US 421 (Carolina Beach Road)	US 421 (Front Street)		Install Additional Turn Lane	10 - Improve Intersection	\$ 1,000,000	84.20	53.66	40.42	90.42	0	100	25	0	215.42		*Project to be completed as part of S. Front Street Widening project U-5734
B150196	BikePed		Division Needs	Carolina Beach Road and Front Street Crosswalk	Carolina Beach Road	Front Street	Construct crosswalk at the intersection of Carolina Beach Road and Front Street.	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 35,022	N/A	N/A	34.43	84.43	0	100	25	0	209.43		*Project to be completed as part of S. Front Street Widening project U-5734
B150246	BikePed		Division Needs	College Road Sidewalk	Hurst Drive	Randall Parkway	Construct a sidewalk along College Road from Hurst Drive to Randall Parkway.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 431,302	N/A	N/A	44.30	94.30	0	100	0	0	194.30	100	
B170405	BikePed		Division Needs	College Rd	Randall Pkwy	New Centre Dr	The construction of a multi-use path along College Rd from Randall Pkwy to New Centre Dr.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 984,605	N/A	N/A	43.17	93.17	0	100	0	0	193.17		
B150189	BikePed		Division Needs	New Center Drive sidewalk	Market Street	College Road	Construct sidewalk along New Center Drive from Market Street to College Road.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 513,152	N/A	N/A	42.95	92.95	0	100	0	0	192.95		
T150255	Transit	TD-5298	Division Needs	Route 101 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 101	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	42.69	92.69	0	100	0	0	192.69		

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Local Input Criteria														
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)
										Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment
B141307	BikePed	EB-5764	Division Needs	US76 Wooster Street Sidewalk	S. 8th Street	US76 (Oleander Drive)	Construct a sidewalk on US76 Wooster Street from 8th Street to US76 Oleander Drive	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 614,655	N/A	N/A	41.69	91.69	0
T150466	Transit	TG-6177	Division Needs	Route 201 Amenity Upgrades (Carolina Beach Road)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 201	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	41.54	91.54	0
T150469	Transit	TD-5296	Division Needs	Route 205 Amenity Upgrades (Long Leaf Park)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 205	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	40.67	90.67	0
B150178	BikePed		Division Needs	College Road Sidewalk	Wrightsville Avenue	Wilshire Boulevard	Construct a sidewalk along College Road from Wrightsville Avenue to Wilshire Boulevard.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 228,450	N/A	N/A	40.38	90.38	0
T150467	Transit	TD-5292	Division Needs	Route 202 Amenity Upgrades (Oleander West)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 202	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	39.81	89.81	0

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

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													Local Input Criteria							
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes
T150465	Transit	TD-5290	Division Needs	Route 106 Amenity Upgrades (Shipyard Boulevard)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 106.	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	39.23	89.23	0	100	0	0	189.23		
B150163	BikePed		Division Needs	Wilshire Boulevard Sidewalk	Wrightsville Avenue	Kerr Avenue	Construct sidewalk along Wilshire Boulevard from Wrightsville Avenue to Kerr Avenue.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 754,110	N/A	N/A	38.90	88.90	0	100	0	0	188.90		
T150438	Transit		Division Needs	Route 103 Amenity Upgrades (Oleander East)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 103	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	38.65	88.65	0	100	0	0	188.65		
T150464	Transit		Division Needs	Route 104 Amenity Upgrades (Northeast)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 104	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	37.79	87.79	0	100	0	0	187.79		
B172022	BikePed		Division Needs	5th Avenue	Rail Line North of Campbell Street	Ann Street	Construct sidewalk along 5th Avenue from Rail Line North of Campbell Street to Ann Street	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 814,663	N/A	N/A	37.53	87.53	0	100	0	0	187.53		
B170407	BikePed		Division Needs	Hospital Plaza Dr Path	Lakeshore Dr	17th Street	To construct a multiuse path along Hospital Plaza Dr from Lakeshore Dr to 17th Street	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 434,631	N/A	N/A	36.83	86.83	0	100	0	0	186.83		

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	Local Input Criteria					Draft Point Assignment	Notes	
													P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)			Total (x of 500)
B150168	BikePed		Division Needs	Wilshire Boulevard Sidewalk	Kerr Avenue	MacMillan Avenue	Construct a sidewalk along Wilshire Boulevard from Kerr Avenue to MacMillan Avenue (Pedestrian)	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 247,416	N/A	N/A	36.42	86.42	0	100	0	0	186.42		
H110991	Highway		Division Needs	SR 1175 (Kerr Avenue)	SR 1411 (Wrightsville Avenue)	US 76 (Oleander Drive)	Construct Extension of Existing Roadway on New Location	5 - Construct Roadway on New Location	\$ 5,400,000	N/A	N/A	34.12	84.12	0	100	0	0	184.12		
T150468	Transit	TD-5291	Division Needs	Route 204 Amenity Upgrades (Brunswick Connector)			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 204	6 - Facility - Stop/Shelter	\$ 25,000	N/A	N/A	32.12		0	100	0	0	182.12		
B170404	BikePed		Division Needs	5th Avenue	Ann Street	Greenfield Lake Park	To construct a bicycle boulevard on 5th Avenue from Ann Street to Greenfield Lake Park	4 - On-Road Bicycle Facility (Bicycle)	\$ 1,792,052	N/A	N/A	31.98	81.98	0	100	0	0	181.98		
B150180	BikePed		Division Needs	23rd Street Sidewalk	Princess Place Drive	One Tree Hill Way	Construct a sidewalk along 23rd Street from Princess Place Drive to One Tree Hill Way.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 595,207	N/A	N/A	27.31		0	100	0	0	177.31		
B150188	BikePed		Division Needs	North College Road Sidewalk	New Village Way	Northchase Parkway W	Construct sidewalk along North College Road Sidewalk from New Village Way to Northchase Parkway W.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 728,171	N/A	N/A	27.10		0	100	0	0	177.10		
H170217	Highway		Regional Impact	NC 210, SR 1002 (Island Creek Road)	NC210 and SR 1002 (Island Creek Road)		Improve Intersection	10 - Improve Intersection	\$ 1,000,000	N/A	35.91	25.90	75.90	0	100	0	0	175.90		
H170921	Highway		Statewide Mobility	US 17 BUS (Cape Fear Memorial Bridge)	US 74	South Front Street	Replace existing Cape Fear Memorial Bridge	5 - Construct New Location	\$ 209,000,000	53.07	34.10	25.17	75.17	0	0	0	100	175.17		
B170409	BikePed		Division Needs	Market Street and Middle Sound Loop Rd Intersection	Market Street	Middle Sound Loop Rd Intersection	To construct a crosswalk at the Market Street and Middle Sound Loop Rd Intersection	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 43,739	N/A	N/A	24.64	74.64	0	100	0	0	174.64		
B150199	BikePed		Division Needs	US17 & Old Waterford Way/Ploof Road SE Crosswalk	Old Waterford Way	Ploof Road SE	Construct crosswalk from Old Waterford Way to Ploof Road SE crossing over US-17.	8 - Multi-Site Pedestrian Facility (Pedestrian)	\$ 47,183	N/A	N/A	24.30	74.30	0	100	0	0	174.30		

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																					
														Local Input Criteria							
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes	
H150013	Highway		Regional Impact	NC 210	SR 1002 (Island Creek Road)	US 17	Widen NC210 to US17	16 - Modernize Roadway	\$ 24,700,000	N/A	29.83	23.85	73.85	0	100	0	0	173.85			
B170410	BikePed		Division Needs	Jenkins Rd	US 17	St. Johns Church Rd	To construct a sidewalk along Jenkins Rd from US 17 to St. Johns Church Rd	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 276,282	N/A	N/A	23.39	73.39	0	100	0	0	173.39			
B172109	BikePed		Division Needs	MUP - North College Road	Murrayville Road	Danny Pence Drive	MUP from Murrayville Road to Danny Pence Drive in front of Trask Middle School off of North College Road	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,568,000	N/A	N/A	19.03	69.03	0	100	0	0	169.03			
H150019	Highway		Division Needs	SR 1563 (Sloop Point Loop Road)	SR 1565 (Country Club Drive), SR 1693 (Doral Drive)		Realign SR1565/Country Club Drive and SR1693/Doral Drive intersections with SR1563/Sloop Point Loop Road to remove offsets	21 - Realign Multiple Intersections	\$ 4,200,000	N/A	N/A	18.63	68.63	0	100	0	0	168.63			
B170406	BikePed		Division Needs	Dow Road	Clarendon Ave	Lake Park Blvd	To construction a multi use path along Dow Road from Clarendon Ave to Lake Park Blvd	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,846,143	N/A	N/A	18.30		0	100	0	0	168.30			
H150022	Highway		Division Needs	New Route	US17 (Ocean Highway)	NC133 (River Road)	Construct a route on new location between US17 (Ocean Highway) and NC133 (River Road) in the vicinity of Leland, NC	5 - Construct Roadway on New Location	\$ 35,800,000	N/A	N/A	16.79	66.79	0	100	0	0	166.79			
H170234	Highway		Statewide Mobility	US 421 (Burnett Boulevard)	Myers Street		Add a storage lane for backups from the north gate of the NC Port of Wilmington	10 - Improve Intersection	\$ 59,138,000	36.97	19.49	12.32	62.32	0	100	0	0	162.32			
R150128	Rail		Division Needs	CSX SE Line			Construct a passenger station to accommodate future rail service in downtown Wilmington. This passenger station will be a part of a larger multimodal center ultimately accommodating public transportation, private mass transportation, passenger rail, bicyclists and pedestrians.	Passenger rail station improvement or construction	\$ 15,000,000	N/A	N/A	11.56		0	100	0	0	161.56			

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Local Input Criteria														
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Impact Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)		
Local Input Criteria														
										WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	
									P 5.0 Quantitative Score (x of 100)			Total (x of 500)	Draft Point Assignment	
Notes														
H1141233	Highway		Division Needs	SR 1437 (Old Fayetteville Road)	US74-76 (Andrew Jackson Highway)	SR 1472 (Village Road)	Widen Old Fayetteville Road from SR1472Village Road to US74776 Andrew Jackson Highway interchange	1 - Widen Existing Roadway	\$ 22,800,000	N/A	N/A	9.33		
									59.33	0	100	0	159.33	
H110974	Highway		Division Needs	SR 1100 (River Road)	Independence Boulevard	US 421 (Snows Cut Bridge)	Widen from 2 to 4 Lane Highway with Portions Constructed As 4 Lane Highway on New Location, with a Multi-Use Path	6 - Widen Existing Roadway and Construct Part on New Location	\$ 149,700,000	N/A	N/A	9.14		
									59.14	0	100	0	159.14	
H090725	Highway		Division Needs	Magnolia Drive	SR1426 (Mount Misery Road)	SR1432 (Old Mill Road)	Construct and improve facility and extension of Magnolia Drive Between Mt. Misery Road and Old Mill Road	5 - Construct New Location	\$ 15,700,000	N/A	N/A	7.80		
									57.80	0	100	0	157.80	
R150125	Rail		Statewide Mobility	CSX AF Line			Construction of rail line extension from MP 286.60 (near Invista to Pender Commerce Park). Project includes at-grade crossing improvements to US 421 (Crossing # 629 171T).	Freight rail infrastructure improvement or construction	\$ 6,000,000	5.57	4.08	5.57		
									55.57	0	100	0	155.57	
H141534	Highway		Statewide Mobility	US 17	US 17 Business		US 17 Bypass and US 17 Business Interchange - Reconfigure ramps and add Multi-Lane northbound ramp from US 17 Business onto US 17.	8 - Improve Interchange	\$ 10,180,000	45.36	25.47	18.56		
									68.56	0	50	25	0	143.56
B172123	BikePed		Division Needs	MUP Gordon Road	Smith Creek Park (Grouse Woods Drive)	Ogden Park (Market Street)	Connect Ogden Park to from Market Street, to Smith Creek Park near Grouse Woods Drive through existing power easement.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,848,000	N/A	N/A	28.75		
									78.75	0	50	0	0	128.75
B172248	BikePed		Division Needs	MUP Middle Sound Loop Road	US 17 (Market Street)	Red Cedar Road	MUP from Market Street to Red Cedar Road. MUP will eventually connect to future MUP from STIP Project in front of Ogden Elementary School	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 672,000	N/A	N/A	25.78		
									75.78	0	50	0	0	125.78
H171364	Highway		Regional Impact	Wilmington Citywide Signal System			City of Wilmington Signal Systems Upgrade	13 - Citywide Signal System	\$ 15,960,000	N/A	50.01	38.33		
									88.33	0	0	0	0	88.33

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																				
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	Local Input Criteria						Draft Point Assignment	Notes
													P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)		
A170931	Aviation	AV-5888	Statewide Mobility	ILM - Wilmington International Airport	ILM - T-Hangar Aircraft Taxi Lanes	N/A	This project will provide a bituminous paved surface taxi lane to expand the East side hangar development area. Includes Project Request Number: 00003808	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.89	50.26	36.01	86.01	0	25	0	0	111.01		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects
A170908	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - General Aviation Hangar Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold areas per ILM ALP. Includes Project Request Number: 00003759	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	85.95	0	25	0	0	110.95		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects
A170922	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - 2nd GA Hangar Aircraft Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold areas per ILM's ALP. Includes Project Request Number: 00003789	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	85.95	0	25	0	0	110.95		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects
A170930	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - 1st Paved Aircraft Taxi Lane	N/A	Construct a new hangar taxi lane to provide access into development hangar leasehold area per ILM's Airport Layout Plan. Includes Project Request Number: 00003821	1240 - Corporate and T-hangar Taxiway: Construction	\$ 500,000	72.58	50.05	35.95	85.95	0	25	0	0	110.95		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects
H172105	Highway		Division Needs	SR 1521 (Piner Road)	Grissom Road		Add roundabout at Piner Road and Grissom Road Intersection. Close off open median crossovers with un-signalized superstreet design. Will tie into safety project in Columbus County off of US 74. (W-5601EV)	10 - Improve Intersection	\$ 3,100,000	N/A	N/A	29.17	79.17	0	0	0	0	79.17		
H170901	Highway		Statewide Mobility	US 74, US 76	I-140	Columbus County line near Pineland Road		11 - Access Management	\$ 32,000,000	62.72	40.28	28.44	78.44	0	0	0	0	78.44		
H171786	Highway		Division Needs	SR 1322 (Murrayville Road)	Murrayville Road	Military Cutoff Extension (New Route)		5 - Construct Roadway on New Location	\$ 3,600,000	N/A	N/A	25.78	75.78	0	0	0	0	75.78		

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment																					
														Local Input Criteria							
Spot ID	Mode	TIP	Project Category	Route/Facility Name	From/Cross Street	To/Cross Street	Description	Specific Improvement Type	Cost	Statewide Mobility Quantitative Score (x of 100)	Regional Impact Quantitative Score (x of 70)	Division Needs Quantitative Score (x of 50)	P 5.0 Quantitative Score (x of 100)	WMPO P4.0 Local Input Points (x of 100)	Consistency with Plans (x of 100)	Status of project in development (x of 100)	Inclusion in adopted strategic business plan (x of 100)	Total (x of 500)	Draft Point Assignment	Notes	
A150420	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Perimeter Road Improvements	N/A	Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. Includes Project Request Number: 00003415	3005 - Other: Not otherwise defined in system plan objectives	\$ 500,000	34.95	24.07	9.46			0	25	0		84.46		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects
A170927	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Emergency Boat Ramp Access Launch Rwy 6	N/A	This project will provide ARFF Rescue boat a concrete water access ramp along with a dock to provide life safety during an aircraft crash emergencies in Smith Creek. Includes Project Request Number: 00003806	3005 - Other: Not otherwise defined in system plan objectives	\$ 500,000	10.36	7.68	5.36		55.36	0	100	0		155.36		*Per meeting with Airport on 5/1/2018, Local Input Points for Regional Impact and Division Needs projects will not be assigned for any aviation projects

GO COAST COMMUTER CHALLENGE

BIKE

BUS

CARPPOOL/
VANPOOL

ELECTRIC
CAR

HYBRID
CAR

SKATE

TELEWORK/
TELECOMMUTE

WALK

LOG YOUR TRIPS TO WIN GREAT PRIZES

Download the mobile app '**MY OPEN ROAD**' on your smartphone to log your trips.

Go to SURVEYMONKEY.COM/R/GCCG18 to register and visit WMP0.ORG/TDM for more details.

OCTOBER 1-26, 2018



GO COAST
CAPE FEAR'S OFFICIAL AGENCY
FOR SMART TRANSPORTATION

— GO COAST — COMPUTER CHALLENGE

Download the mobile app **'MY OPEN ROAD'** on your smartphone to log your trips.

Go to SURVEYMONKEY.COM/R/GCCC18 to register and visit WMPO.ORG/TDM for more details.

TOP PARTICIPANTS
CAN WIN ONE OF:

Grocery basket from Trader Joe's
Grocery basket from Whole Foods
Gift cards to Carolina Ale House
Gift cards to Ogden Tap Room
Sector 9 skateboard
Painting from local artist Devon Keeler
Gift card to Coastal Car Wash of Monkey Junction
Free kayak rental from Hook, Line, & Paddle
Free night at the Hampton Inn at University Area
Two tickets to a performance at Thalian Hall
Gift cards to Two Wheeler Dealer
Gift card and goodies from Cast Iron Kitchen
Draw string backpacks and cooler tote bags
Water bottles and portable bluetooth speakers

ADDITIONAL
RAFFLE PRIZES

Two \$25 cash gift card raffles each
Friday in September for registered
participants.

Four \$25 cash gift cards will be raffled
after the commuter challenge to participants
who logged at least one commute.

OCTOBER 1-26, 2018

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 18-8 (September 2018)

* R-5783	VARIOUS, DIVISION 3 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 - \$800,000 (TAP)
BRUNSWICK	INTERSECTIONS TO COMPLY WITH THE		FY 2018 - \$200,000 (O)
DUPLIN	AMERICANS WITH DISABILITIES ACT (ADA)		FY 2019 - \$3,200,000 (TAP)
NEW HANOVER	USING TRANSPORTATION ALTERNATIVES (TA)		FY 2019 - \$800,000 (O)
ONslow	FUNDS.		\$5,000,000
PENDER	<u>ADD CONSTRUCTION IN FY 19 NOT</u>		
SAMPSON	<u>PREVIOUSLY PROGRAMMED.</u>		
PROJ.CATEGORY			
DIVISION			
U-5732	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO	RIGHT OF WAY	FY 2018 - \$19,600,000 (T)
PENDER	SR 1563 (SLOOP POINT LOOP ROAD). CONVERT	UTILITIES	FY 2018 - \$11,600,000 (T)
PROJ.CATEGORY	TO SUPERSTREET.	BUILD NC CONST	FY 2021 - \$858,000 (T)
REGIONAL	<u>PROJECT TO UTILIZE BUILD NC BONDS</u>		FY 2022 - \$858,000 (T)
			FY 2023 - \$858,000 (T)
			FY 2024 - \$858,000 (T)
			FY 2025 - \$858,000 (T)
			FY 2026 - \$858,000 (T)
			FY 2027 - \$858,000 (T)
			FY 2028 - \$858,000 (T)
			FY 2029 - \$858,000 (T)
			POST YR- \$5,148,000 (T)
			FY 2021 - \$5,033,000 (T)
			FY 2022 - \$5,033,000 (T)
			FY 2023 - <u>\$5,033,000 (T)</u>
			\$59,169,000
		CONSTRUCTION	

* W-5203
BRUNSWICK
DUPLIN
NEW HANOVER
ONSLOW
PENDER
SAMPSON

VARIOUS, DIVISION 3 RUMBLE STRIPS,
GUARDRAIL, SAFETY AND LIGHTING
IMPROVEMENTS AT SELECTED
LOCATIONS.

**ADD ROW AND CONSTRUCTION IN FY 19 AND
CONSTRUCTION IN FY 20 NOT PREVIOUSLY
PROGRAMMED.**

RIGHT-OF-WAY
CONSTRUCTION

FY 2019 - \$25,000 (HSIP)
FY 2019 - \$650,000 (HSIP)
FY 2020 - \$650,000 (HSIP)
\$1,325,000



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

September 5, 2018

Project Description

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

The following list includes tasks during the month of August:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- Due to updated designs, construction cost estimates are currently being revised.
- The Draft Environmental Impact Statement (DEIS) was submitted to FHWA, the Attorney General's (AG) office, and NCDOT technical disciplines for review on 8/03/18.
- Public hearing maps are being prepared for the Public Hearing, to be held after the DEIS is approved and distributed.

Upcoming Activities

- The project team will revise the DEIS based on FHWA, AG's office, and NCDOT comments once comments are received.
- The project team will coordinate with the State Historic Preservation Office (SHPO) on effects to historic properties based on revised designs.
- A newsletter will be sent this month to notify citizens of the remaining alternatives under study.

Past Activities

- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- Right-of-Way cost estimates and relocation reports have been completed.
- The project team received final concurrence from the NEPA/Section 404 Merger Team on Concurrence Point 2A – "Bridging Decisions and Alignment Review" on 8/17/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – "Bridging Decisions and Alignment Review" on 5/30/17.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – "Purpose and Need and Study Area Defined" on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – "Detailed Study Alternatives Carried Forward" on 2/10/14.
- Technical documents that have been finalized are available on the project website under "Project Documents."

Contact Information

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

WILMINGTON MPO
TRANSPORTATION PLANNING
SEPTEMBER 2018

2045 METROPOLITAN TRANSPORTATION PLAN

Project Description/Scope: The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3rd and July 31st. 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, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives.

Next Steps:

- The Modal Subcommittees are continuing to develop modal goals and objectives. These goals and objectives will provide the basis for development of modal policies and project scoring criteria later in the Fall/Winter. Draft goals and objectives are proposed to go before the CAC in October.
- WMPO Staff is in the process of assembling preliminary project lists for consideration by each of the modal subcommittees. These project lists will be assembled of projects proposed by the public, the WMPO's member jurisdictions and planning partners, as well as projects included in the WMPO's other adopted plans.
- Existing conditions and future needs presentations, presented by subject matter experts representing critical organizations on the modal subcommittees, will be given in September. These existing conditions and future needs will be summarized and reported to the CAC in October.
- Adoption in November 2020

LELAND STREET DESIGN STANDARDS MANUAL

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

Next Steps:

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

NORTHEAST NEW HANOVER COUNTY FUTURE STREET PLAN

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

Next Steps:

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

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 2 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 2 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 6, City of Wilmington 7, Carolina Beach 0, Leland 1, Navassa 0, and Pender County 2, Brunswick County 1) ; new 3 and ongoing 13
- Pender County Development Plan Reviews: 3 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 69 (12 new, 57 on-going)
- City of Wilmington Informal Reviews: 34 (6 new, 28 on-going)
- City of Wilmington Concept Reviews: 17 (14 new concept reviews- 3 on-going concept)
- COW Project Releases: 11 Full releases

STBGP-DA/TASA-DA FY 2013 to Present

STBGP-DA

U-5534B - CITY OF WILMINGTON- HEIDI TRASK DRAWBRIDGE (Under Construction)

Project Descriptions/Scope: This project consists of construction of a public walkway/pier underneath the Heidi Trask Drawbridge to provide for a safe crossing for cyclists and pedestrians across US 74 (Wrightsville Avenue) on the mainland side of the drawbridge in Wilmington.

Project Status and Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Resumed construction based on plan revisions on May 2, 2018
- Work is progressing on superstructure
- Anticipated completion date of November 28, 2018

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE (Design)

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

Project Status and Next Steps:

- 100% plan comments sent back to Engineer
- Specifications comments sent back to Engineer
- R/W acquisition completed Spring 2018
- The engineering firm is performing a QA/QC check on the plans to correct issues. Once revisions are received a new let date will be set

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP (Design)

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

Project Status and Next Steps:

- 100% Plan approval received
- Town mailed notices to all affected property owners for acquisition by condemnation of temporary construction easements and permanent drainage easements starting April 20th. The majority of condemnations have been filed – awaiting remainder
- Construction funds can be released once right of way certification and PCE consult are approved
- Construction contract let is anticipated Fall 2018

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

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

Project Status and Next Steps:

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

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

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

Project Status and Next Steps:

- Plans and Technical specifications have been approved by NCDOT- NCDOT is waiting on final stamped plans
- Construction funds can be released once PCE consult is received
- Anticipated Let Date: To be determined once bid package approved

U-5534G –HOOKER ROAD MULTI-USE PATH (Design)

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

Project Status and Next Steps:

- The City has provided the executed revised scope and amendment to McKim & Creed
- Issues with the plans continue to exist. McKim & Creed is working on revising the plans
- Anticipated Let Date of Winter 2018

U-5534H – HINTON AVE MULTI-USE PATH (Design)

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

Project Status and Next Steps:

- The City has provided the executed revised scope and amendment to McKim & Creed
- Issues with the plans continue to exist. McKim & Creed is working on revising the plans
- Anticipated Let Date of Winter 2018

U-5534I –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 at Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project

U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD

- Encroachment agreement needed once right-of-way finalized

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project

U-5534N SHIPYARD BOULEVARD SIDEWALK

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

Project Status and Next Steps:

- 100% plans approved by NCDOT; Spec comments resubmitted to NCDOT
- Additional funds received
- Anticipated let date Fall 2018

U-5534O Cape Fear Blvd Multi-Use Path

Project Description/Scope: The construction of approximately 3200 linear feet of 10’ wide paved off-road Multi-use Path along the south side of Cape Fear Blvd. from 6th Street to Dow Road.

Project Status and Next Steps:

- Bids were opened January 23, 2018
- Project Notice to Proceed sent the week of June 18th with an anticipated completion date of mid-October

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

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

Project Status and Next Steps:

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

U-5534S (Formerly U-5534M)- Coral Drive Sidewalks

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

Project Status and Next Steps:

- 100% plans (sealed) and specifications have been approved by NCDOT

- The Town is in the process of getting temporary construction easements and 2 permanent easement
- Construction funds can be released once PCE consult is received
- Anticipated Let Date: Winter 2018

U-5534T – Traffic Signal Preemption

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

Project Status and Next Steps:

- 90% design completed
- 100% plans 3 weeks after NCDOT/City review
- Anticipated bid date of Fall 2018

U-5534U – Navassa Park Multi-Use Path

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

Project Status and Next Steps:

- Scoping meeting held with NCDOT
- PE funds were released at the December 2017 Board of Transportation meeting
- Scope and fee with manday estimate is currently being revised per NCDOT comments

TASA-DA

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

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

Project Status and Next Steps:

- A supplemental agreement for additional funding was approved by the Wilmington City Council on September 5, 2017
- The supplemental agreement was approved by the Board of Transportation
- The project is over budget. The City is currently working on the rebid package. The project will be bid with the Gregory/Williston Safe Routes to School project

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

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

Project Status and Next Steps:

- 35% Design submitted for review
- Anticipate 70% plans by October 2018
- Anticipated construction bid May 2019

U-5527D HARPER AVE. MULTI-USE PATH

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

Project Status and Next Steps:

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised by the Town
- Advertisement of PE Services is anticipated in Summer 2018
- Anticipated let date: Spring 2019

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO adopted "Work Cape Fear: Expanding Commuter Options in the Cape Fear Region" TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that if approved would fund a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The TDM Coordinator position has been filled with the new employee starting on May 14th. The TDM program will work to increase active transportation initiatives and increase community knowledge of commuter options. The WMPO is working with the city of Wilmington to implement a bike share program.

Next Steps:

- Finalized Strategic Marketing Plan
- Increase social media presence for Go Coast program and initiatives
- Communicating with ride share/commute tracking applications to develop commuter tracking for 2018 Commuter Challenge
- Have grown Go Coast/TDM committee by seven members
- Completing Commuter Challenge donations from local businesses
- Gather model alternative work schedule policies from various regional employers to be highlighted in the statewide initiative to showcase model alternative work schedules
- Create Commuter Friendly Employer Program
- Partner with large employers to determine vanpool/carpool options
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Communicate with NCDOT to determine funding options for emergency ride home program
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations

Bike Share

- COW committee for bike share implementation
- Get Scope of Work from Zagster/Pace



Cape Fear Public Transportation Authority

Project Update

September 2018

REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - FTA funding in the amount of \$3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Delivery is scheduled to begin in June 2019. Additional funding for three to four buses will be requested from the VW mitigation settlement phase one following a call for projects by NC DAQ in the spring of 2019.
- 2. Short Range Transportation Plan** - (no significant change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations. Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018. The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following URL: <https://www.wavetransit.com/short-range-transit-plan/>. Changes to the Wave Transit routes based on recommendations from the consultant will be developed over the summer and fall with implementation in 2019 to coincide with the opening of the Wilmington Multimodal Transportation Center. A presentation of the study findings will be presented to the WMPO in the fall of 2018.
- 3. Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has completed the study and is in the process of presenting findings to the Wilmington City Council and New Hanover County Board of Commissioners.

WMPO SPONSORED PROJECTS

1. Wilmington Multimodal Transportation Center

An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to \$1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.

Phase 1 consisting of hazardous materials abatement and demolition is complete.

Phase 2 consisting of building stabilization is complete.

Phase 3 consisting of renovation construction was let for bidding on February 14, 2018.

The IFB for Phase 3 was released on June 03, 2018. Bids were opened on July 03, 2018.

Monteith Construction of Wilmington was the lowest responsive bidder. A construction contract with Monteith Construction is being drafted. Consideration of the contract is expected to be presented to the Authority on September 27, 2018. A tentative start date of November 05, 2018 is anticipated. Construction is estimated to take six to seven months.

2. Preventive Maintenance & ADA - STBGP-DA funding in the amount of \$500,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO on July 25, 2018. The process of flexing the funds from FHWA to FTA is currently in process. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region.

Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In July 2018 the Authority provided 1,865 ADA passenger trips. The period of performance for the project is 07/01/2018 through 06/30/2019.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

August 30, 2018

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

Project Update List for New Hanover County

Projects Under Construction - NHC

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).

Open to traffic on December 18, 2017.

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

Percent Complete: 89.52%

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

Estimated Completion date: November 2018

Percent Complete: 77.46%

U-4751 – (Military Cutoff Road Extension: C203980) extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass west of US 17 Business (Market Street) to US 17 Business (Market Street) SR 1403 (Middle Sound Loop Road). Realignment of Lendire Road completed by state forces before project started.

Estimated Completion date: April 2022

Percent Complete: 11.68%

Bridges Under Construction - NHC

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

June 4th ICT1 complete and road opened

Currently undergoing vegetation establishment

Anticipated Completion date: November 2018

Percent Complete: 99%



Project Development - NHC

U-4902D: **US 17 Business (Market Street)** construct a “superstreet” (median) from SR 2734 (Marsh Oaks Drive) to Lendire Drive

Let Date October 2018

U-4902C: **US 17 Business (Market Street)** construct a “superstreet” (median) from Station Road to US 74 (MLK Parkway/Eastwood Rd)

Let Date February 2020

U-4902B: **US17 US 17 Business (Market Street)** Median Project from CSX Railroad to Cinema Dr and from Jacksonville St to North of US 117/NC132 (College Rd)

Let Date December 2020

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

Let Date April 2019

U-5710: **US 74 (Eastwood Road)** convert at-grade intersection to an interchange at US 17 (Military Cutoff Road).

Let Date September 2021

U-5710A: **US 74 (Eastwood Road)** construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)

Let Date April 2020

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

Let Date July 2021

U-5790: **US 421 (Carolina Beach Road)** Widen US 421 (Carolina Beach Rd) from NC132 (South College Rd) to Sanders Rd in Wilmington and construct intersection improvements at US 421 and NC 132.

Let Date June 2024

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

Let Date June 2022

R-5701: **US 117 Business & NC53** Intersection improvement.

Let Date June 2020

U-5734: **US 421 (South Front Street)** Widen to multi-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)

Let Date May 2023

Resurfacing Contracts - NHC

2017 New Hanover County Resurfacing (Futch Creek: DC00172) various secondary roads

Estimated Completion Date: June 2018

Percent Complete: 100%

I-5760 (I-140 Wilmington Bypass: C203868) resurface from I-40 to US 421 & reconstruction of bridge joints

Estimated Contract Completion Date: September 2018

Percent Complete: 90.92%

US 117/NC 132 S College Rd (C203888: W-5203AA, W-5601BB) from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)

Estimated Contract Completion Date: September 2018

Percent Complete: 74.12%

High Value Bridge Program – NHC

Cape Fear Memorial Bridge (New Hanover 13: C204119) Structural Steel Repair, clean and grease ropes, lift span bearings

Estimated Completion Date: April 2019 – Nightly closures beginning 9/18/18

Percent Complete: 15.81%

US76/Banks Channel (New Hanover 21) Girder repair, clean and paint bearings, epoxy caps

Let Date December 2018

Isabel Holmes Br (New Hanover 11) Girder repair, upgrade/paint structural steel, replace grid floor

Let Date February 2019

Cape Fear (I-140 E) (New Hanover 48) Shear Strengthen

Let Date July 2019

Cape Fear (I-140 W) (New Hanover 49) Shear Strengthen

Let Date July 2019

Project Update List for Brunswick County

Projects Under Construction – Brunswick County

ER-2971 – (Ocean Isle Beach Roundabout: DC00194)– Hwy 179 (Beach Drive) at Hwy 904 (Causeway Drive) SR 1184 (Ocean Isle Beach Road) in Ocean Isle
Contractor: Triangle Grading & Paving Inc.

Estimated Completion Date: August 2018

Percent Complete: 99.82%

Project Development- Brunswick County

R-5021: NC 211 from NC 87 to NC 906 (Midway Road) widen to a 4-lane divided facility.

Let Date April 2019

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

Let Date October 2019

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

Let Date May 2020

W-5601GA: US 17 at Thomasboro Rd Convert Intersection to Superstreet

Let Date February 2021

W-5601H: US 17 at Hickman Rd Convert Intersection to Superstreet

Let Date February 2021

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

Let Date May 2021

R-5857: US 17 at US 17 Bus Convert Intersection to Superstreet

Let Date January 2022

U-5932: US 17 at NC 211 Convert Intersection to Interchange.

Let Date June 2024

R-5851: US 17 at NC 904 Convert Intersection to Superstreet

Let Date July 2025

R-4462: US 74/76 at Maco Rd Convert Intersection to Interchange.

Let Date June 2027

Carolina Bays Parkway Extension

Project Overview and Purpose

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

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

Project Highlights

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

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

Currently only programmed for planning and environmental study. No schedule has been established for right-of-way acquisition or construction, which is not currently funded in North Carolina.

Resurfacing Projects - Brunswick County

2017 Brunswick County Resurfacing Contract (C203923) 1 Section of US 74/US 76, 2 Sections of NC 87, NC 179, NC 904/179, and 41 Sections of secondary roads.

Estimated Completion Date: July 2018.

Percent Complete: 98.09%

2018 Brunswick Resurfacing Contract: WBS (C204094, W-5203Y) US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.

Estimated Completion Date: March 2019.

Percent Complete: 43.97%

High Impact / Low Cost funded projects

New project funding source – Brunswick County

1. NC 133 (flooding) Intersection of SR 1521 (Funston Road SE and NC 133 in Brunswick County
Approximately a mile in each direction of the intersection.
WBS 80084
Project let August 2019
Anticipated Completion April 2020
2. Installation of traffic signal at US 17 & NC 87 (southern entrance) in Brunswick County
WBS 47783; work began February 2018
Completion Date: June 2019
3. Installation of traffic signals at the intersection of US 17 and Ocean Isle Beach Road, and the NB to SB U-turn location approximately 875 feet northeast of the referenced intersection in Brunswick County.
WBS 47879; work began February 2018
Completion Date: June 2019
Located in GSATS Boundary.

4. Caswell Beach Rd Infiltration System in Oak Island
WBS 47931; Town of Caswell Beach is working on the design
Project Let February 2019

High Value Bridge Program – Brunswick County

Old Oak Island Bridge (Brunswick 14: C204185) Girder Repair
Estimated Completion Date: June 2019
Let May 2018

Holden Beach Bridge (Brunswick 71: C204185) Girder Repair
Let October 2018

Odell Williamson Bridge (Brunswick 13) Epoxy Coat Beam Ends
Let March 2019

Project Update List for Pender County

Bridges Under Construction – Pender County

B-4929 (Surf City Bridge on NC 50/210: C203789) Replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure.
Estimated Contract Completion Date November 2020
Percent Complete: 86.05%

Project Development – Pender County

R-3300B: US 17 Hampstead Bypass: Construct a four-lane divided roadway on mostly new location from NC 210 to Sloop Point Loop Road.
Let July 2020

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210. Design and Right of Way has been approved and the project is planned to be let with R-3300B and U-5732.
Let July 2020

U-5732: US 17 (Ocean Highway in Hampstead)
Convert to superstreet from SR 1582 (Washington Acres Road) to just south of US 17 and future Hampstead Bypass Limits. **Note: Will be built in conjunction with Hampstead Bypass.**
Let July 2020

R-5701: NC 53/US117 Bus. Intersection Upgrade
Let June 2020

R-5850: NC 53 from US 117 Bypass to Stag Park Rd widen to 3 lanes
Let May 2025

Resurfacing Projects - Pender County

2018 Pender County Resurfacing Contract (C204090). 1-section of US-17, 1-section of NC-50, 1-section of NC-210, and 36 other various SR roads.

Estimated Completion Date: January 2019

Percent Complete: 63.47%

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

1. Hoover Road widening from proposed interchange to US 17 with 2' paved shoulders;
currently under design
WBS 47785
Project let December 2018
Anticipated Completion December 2019

This project list was updated on August 30, 2018.

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

September 2018

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

SEPTEMBER TPD UPDATES WILMINGTON MPO

September 2018

Wilmington Model Update – Future Year Model completed end of August. Model closeout with documentation is to be completed by end of September.

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

Brunswick County Model - Future Year should be completed by end of September. Model closeout anticipated to be completed by end of October (tentatively). Brunswick County CTP study starting up once the model is done and CTP 2.0 rolls out.

Pender County CTP – Anticipated to start in fall of this year, currently TPD is working out the new schedule to align with CTP 2.0.

Performance Measures – NCDOT has transmitted targets to FHWA on May 18, 2018 for pavement, bridge, and system performance (PM2 and PM3 targets). MPO's are reminded that they have 180 days from May 18, 2018 to support NCDOT's targets or establish their own targets. Thus, please be sure to obtain board action for the PM2 and PM3 targets by the 180-day deadline of November 14, 2018.

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Statewide Plan: TPD has selected WSP as the consultant for the Statewide Plan. A limited notice to proceed (NTP) has been issued to begin initial groundwork for this plan, and full NTP is anticipated in late July/early August. As stakeholders, MPO/RPOs will be engaged throughout the process.

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

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

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

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

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

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

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

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

Build NC: Governor Roy Cooper on Wednesday June 20, 2018 - signed into law the Build NC Bond Act of 2018, a new financing